

**RETURN BIDS TO:  
RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions  
Travaux publics et Services gouvernementaux  
Canada**  
**1713 Bedford Row  
Halifax, N.S./Halifax, (N.É.)  
B3J 1T3  
Bid Fax: (902) 496-5016**

## REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

**Proposal To: Public Works and Government  
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services  
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

**Comments - Commentaires**

<b>Title - Sujet</b> RACKING - OSBORNE HEAD		
<b>Solicitation No. - N° de l'invitation</b> W355B-151457/A	<b>Date</b> 2014-07-31	
<b>Client Reference No. - N° de référence du client</b> W355B-15-1457		
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$HAL-321-9322		
<b>File No. - N° de dossier</b> HAL-4-73031 (321)	<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> <b>on - le 2014-09-17</b>		<b>Time Zone</b> <b>Fuseau horaire</b> Atlantic Daylight Saving Time ADT
<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> Gillis, Floyd		<b>Buyer Id - Id de l'acheteur</b> hal321
<b>Telephone No. - N° de téléphone</b> (902) 496-5566 ( )		<b>FAX No. - N° de FAX</b> (902) 496-5016
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF NATIONAL DEFENCE FMF CAPE SCOTT, HMC DOCKYARD BLDG D200 DR 13 7HD HALIFAX NOVA SCOTIA B3K5X5 Canada		

**Instructions: See Herein**

**Instructions: Voir aux présentes**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

Atlantic Region Acquisitions/Région de l'Atlantique  
Acquisitions  
1713 Bedford Row  
Halifax, N.S./Halifax, (N.É.)  
B3J 3C9  
Nova Scot

<b>Delivery Required - Livraison exigée</b> See Herein	<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/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

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**PART 1 - GENERAL INFORMATION****1. Security Requirement**

There is no security requirement associated with this bid solicitation.

**2. Requirement**

The requirement is detailed in **Annex "A" - Requirement**.

**3. Debriefings**

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

**PART 2 - BIDDER INSTRUCTIONS****1. Standard Instructions, Clauses and Conditions**

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual*

(<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The **2003 ( 2014-06-26) Standard Instructions - Goods or Services - Competitive Requirements**, are incorporated by reference into and form part of the bid solicitation.

Bidders who are incorporated or who are a sole proprietorship, including those bidding as a joint venture, have already provided a list of names of all individuals who are directors of the Bidder, or the name of the owner, at the time of submitting an arrangement under the Request for Supply Arrangement (RFSA). These bidders must diligently maintain this list up-to-date by informing Canada in writing of any change occurring during the validity period of the bid as well as during the period of any contract arising from this bid solicitation.

Canada may, at any time, request that a Bidder provide properly completed and Signed Consent Forms ( Consent to a Criminal Record Verification form - PWGSC-TPSGC 229) for any or all individuals

mentioned within the time specified. Failure to provide such Consent Forms within the time period provided will result in the bid being declared non-responsive.

### **1.1 SACC Manual Clauses**

B3000T (2006-06-16) Equivalent Products

## **2. Submission of Bids**

Bids must be submitted only to Public Works and Government Services Canada (**PWGSC**) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

## **3. Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than **five (5) calendar days** before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

## **4. Applicable Laws**

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in **Nova Scotia**.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

## PART 3 - BID PREPARATION INSTRUCTIONS

### 1. Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

**Section I: Technical Bid ( 2 hard copies)**

**Section II: Financial Bid ( 1 hard copy)**

**Section III: Certifications (1 hard copy)**

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In **April 2006**, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

#### **Section I: Technical Bid**

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

#### **Section II: Financial Bid**

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

#### **1.1 Exchange Rate Fluctuation**

C3011T (2013-11-06), Exchange Rate Fluctuation

**Section III: Certifications**

Bidders must submit the certifications required under **Part 5**.

**PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION****1. Evaluation Procedures**

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

**1.1 Technical Evaluation****1.1.1 Mandatory Technical Criteria**

See **Annex "A" Requirement**

**1.2 Financial Evaluation**

A0220T (2013-04-25), Evaluation of Price

**2. Basis of Selection**

A bid must comply with the requirements of the bid solicitation and **meet all mandatory technical evaluation criteria** to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

## PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and documentation to be awarded a contract.

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default, if any certification made by the Bidder is found to be untrue whether during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with this request will also render the bid non-responsive or will constitute a default under the Contract.

### 1. Mandatory Certifications Required Precedent to Contract Award

#### 1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions **2003**. The related documentation therein required will assist Canada in confirming that the certifications are true.

#### 1.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list ([http://www.labour.gc.ca/eng/standards\\_equity/eq/emp/fcp/list/inelig.shtml](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)) available from Human Resources and Skills Development Canada (HRSDC) - Labour's website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list at the time of contract award.

## PART 6 - RESULTING CONTRACT CLAUSES

### 1. Security Requirement

There is no security requirement applicable to this Contract.

### 2. Requirement

The Contractor must provide the items detailed under the "Requirement" at **Annex "A"**.

### 3. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual*

(<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

#### 3.1 General Conditions

**2010A ( 2014-06-26)**, General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### 4. Term of Contract

#### 4.1 Delivery Date

While delivery is requested as soon as possible from award of contract, *the best delivery that could be offered is* \_\_\_\_\_ (*<----- to be completed by bidder*)

### 5. Authorities

#### 5.1 Contracting Authority

The Contracting Authority for the Contract is:

**Name:** Floyd Gillis  
**Title:** Supply Officer  
 Public Works and Government Services Canada  
**Address:** 1713 Bedford Row  
 Halifax, NS B3J 3M9  
**Telephone:** (902) 496-5566  
**Facsimile:** (902) 496-5016



**E-mail address:**            **floyd.gillis@pwgsc-tpsgc.gc.ca**

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

## **5.2      Project Authority**

The Project Authority for the Contract (will be advised upon award)

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

## **5.3      Contractor's Representative (<----- to be completed by bidder)**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone :    \_\_\_\_ \_\_\_\_ \_\_\_\_\_

Facsimile:    \_\_\_\_ \_\_\_\_ \_\_\_\_\_

E-mail address: \_\_\_\_\_

## **6.        Payment**

### **6.1      Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm lot price, as specified in Annex B for a cost of \$ \_\_\_\_\_. **To be announced at contract award** Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

### **6.2      Limitation of Price**

C6000C (2011-05-16) Limitation of Price

### **6.3      Single Payment**

**H1000C (2008-05-12) Single Payment****7. Invoicing Instructions**

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
  - a. The original and two (2) copies must be forwarded to the address shown on page 1 of the Contract for certification and payment.

**8. Certifications****8.1 Compliance**

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, provide the related documentation or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

**9. Applicable Laws**

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in **Nova Scotia**.

**10. Priority of Documents**

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) the general conditions **2010A ( 2014-06-26)** General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated \_\_\_\_\_ (*insert date of bid*)

**11. Defence Contract**

**A9006C (2012-07-16) Defence Contract**

**12. SACC Manual Clauses**

**A9062C 2011-05-16 Canadian Forces Site Regulations****ANNEX "A"**  
**REQUIREMENT**

The Department Of National Defense (**DND**), Fleet Maintenance Facility Cape Scott (**FMF CS**) at the Halifax Dockyard, Halifax, NS has the requirement to provide and Install the following:

Furnish all labor, materials, equipment and incidentals required to install, field test, complete and make ready for service as required steel storage racking to accommodate owners requirements stated. **These requirements are to compliment information gathered from the contractors' site visit, if requested.**

This guideline provides general information on the design, installation and usage for the requested metal storage racking system. Racking and installations are to conform in all respects to **CSA A344.1-05 / A344.2-05** and the below referenced standards.

Steel storage racks and frames must be designed and installed according to the manufacturer's requirements and/or the requirements of a professional engineer licensed in Nova Scotia.

All new racking is not to be brought to site until the day of install. Owner will not be responsible for storage or loading / unloading of contractor material.

**1. Scope of Work – Osborne Head:**

This scope includes the design, fabrication, delivery and installation of:

- 8 bays of selective pallet racking. 48" deep x 144" high x 108" wide.
- Each bay will include 4 load beam levels.
- Each Level will be complete with wire mesh decks.
- 4 - 12" post protectors 12" high are to be included.
- All necessary anchors, floor and wall.

**Design and selection information:**

- Material handling in proposed racking: hand, fork lift
- Floor Slab Thickness: 6 inches
- Maximum load anticipated on shelf: 4000 lbs.
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: 30 ft. approx..
- Type of Racking: Pallet
- Accessories: Wire mesh decking, four (4) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

**2. Scope of Work – Wright's Cove - 1:**

This scope includes the design, fabrication, delivery and installation of:

- 6 bays of selective pallet racking. 48" deep x 160" high x 108" wide.
- Each bay will include 3 load beam levels minimum.
- Each Level will be complete with wire mesh decks.
- 2 - 12" post protectors 12" high are to be included.
- All necessary anchors, floor and wall.

**3. Scope of Work– Wright's Cove - 2:**

This scope includes the design, fabrication, delivery and installation of:

- 1 bay of selective pallet racking. 48" deep x 144" high x 108" wide.
- Each bay will include 4 load beam levels minimum.
- Each Level will be complete with wire mesh decks.

**Design and selection information:**

- Material handling in proposed racking: hand
- Floor Slab Thickness: 6 inches approx.
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: 30 feet
- Type of Racking: Pallet
- Accessories: Wire mesh decking, three (3) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

**4. Scope of Work – D8 Shore Cabling:**

This scope includes the design, fabrication, delivery and installation of:

- 2 rows containing 4 bays of selective pallet racking. 48" deep x 240" high x 108" wide.
- Each bay will include 4 load beam levels.
- Each Level will be complete with wire mesh decks.
- 4 - 12" post protectors 12" high are to be included.
- All necessary anchors, floor and wall.

**Design and selection information:**

- Material handling in proposed racking: fork lift
- Floor Slab Thickness: 8 inches
- Maximum load anticipated on shelf: 6000 lbs.
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: 30 ft. approx.

- Type of Racking: Pallet
- Accessories: Wire mesh decking, four (4) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

### 5. Scope of Work – D-108 Bulk Stores:

This scope includes the design, fabrication, delivery and installation of:

- 18 bays of selective pallet racking. 48” deep x 168” high x 108” wide.
- Each bay will include 4 load beam levels.
- 5 bay 36” deep x 144” high x 108” wide.
- Each bay will include 4 load beam levels.
- 1 bay 36” deep x 144” high x 54” wide.
- Bay will include 7 load beam levels.
- Each Level will be complete with wire mesh decks.
- 4 - 12” post protectors 12” high are to be included.
- All necessary anchors, floor and wall.

### Design and selection information:

- Material handling in proposed racking: Raymond Easi Reach
- Floor Slab Thickness: 6”
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: N/A
- Type of Racking: Pallet
- Accessories: Wire mesh decking, 4 up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

### 6. Scope of Work – D-200 Above Water Weapons Shop - 1:

This scope includes the design, fabrication, delivery and installation of:

- 5 bays of selective pallet racking. 48” deep x 120” high x 108” wide.
- One bay will include a minimum one load beam level, Two bays with two, two bays with three.
- Each Level will be complete with wire mesh decks.
- 4 - 12” post protectors 12” high are to be included.
- All necessary anchors, floor and wall.

### 7. Scope of Work – D-200 Above Water Weapons Shop - 2:

This scope includes the design, fabrication, delivery and installation of:

- 5 bays of selective pallet racking. 48" deep x 120" high x 108" wide.
- One bay will include a minimum three load beam levels, Four bays with two.
- Each Level will be complete with wire mesh decks.
- 2 - 12" post protectors 12" high are to be included.
- All necessary anchors, floor and wall.

#### **Design and selection information:**

- Material handling in proposed racking: 30 tonne crane, hand
- Floor Slab Thickness: 6 inches
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: N/A
- Type of Racking: Pallet
- Accessories: Wire mesh decking, three (3) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

#### **8. Scope of Work– Refrigeration Shop:**

This scope includes the design, fabrication, delivery and installation of:

- 6 bays of selective pallet racking. 48" deep x 144" high x 108" wide.
- Each bay will include 3 load beam level minimum.
- Each Level will be complete with wire mesh decks.

#### **Design and selection information:**

- Material handling in proposed racking: hand, forklift, crane
- Floor Slab Thickness: 16 inches approx.
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: 50 feet +
- Type of Racking: Pallet
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

#### **9. Scope of Work – D-200 Heavy Electrical Test Shop:**

This scope includes the design, fabrication, delivery and installation of:

- 3 bays of selective pallet racking. 48" deep x 120" high x 108" wide.
- Each bay will include 2 load beam levels.
- Each Level will be complete with wire mesh decks.

- 2 - 12" post protectors 12" high are to be included.
- All necessary anchors, floor and wall.

#### **Design and selection information:**

- Material handling in proposed racking: 30 tonne crane, hand
- Floor Slab Thickness: 17 inches
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: N/A
- Type of Racking: Pallet
- Accessories: Wire mesh decking, three (3) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

#### **10. Scope of Work – D-200 Mechanical Fitter Shop:**

This scope includes the design, fabrication, delivery and installation of:

- 3 bays of selective pallet racking. 48" deep x 144" high x 108" wide.
- Each bay will include 3 load beam levels.
- Each Level will be complete with wire mesh decks.
- 2 - 12" post protectors 12" high are to be included.
- All necessary anchors, floor and wall.

#### **Design and selection information:**

- Material handling in proposed racking: 30 tonne crane, hand
- Floor Slab Thickness: 17 inches
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: N/A
- Type of Racking: Pallet
- Accessories: Wire mesh decking, three (3) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

#### **11. Scope of Work D-200 MTF-1 Exterior:**

This scope includes the design, fabrication, delivery and installation of:

- 2 bays of selective pallet racking. 48" deep x 120" high x 108" wide.
- Each bay will include 4 load beam levels minimum.
- Each Level will be complete with wire mesh decks.

- 2 - 12" post protectors 12" high are to be included.
- All necessary anchors, floor and wall.

#### **Design and selection information:**

- Material handling in proposed racking: counter balance fork Lift, hand
- Floor Slab Thickness: 17 inches
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: N/A
- Type of Racking: Pallet
- Accessories: Wire mesh decking, three (3) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

#### **12. Scope of Work – MTF Interior 1:**

This scope includes the design, fabrication, delivery and installation of:

- 2 bays of selective pallet racking.48" deep x 144" high x 108" wide.
- Each bay will include 4 load beam levels minimum.
- Each Level will be complete with wire mesh decks.
- 2 - 12" post protectors 12" high are to be included.
- All necessary anchors, floor and wall.

#### **Design and selection information:**

- Material handling in proposed racking: counter balance fork Lift, hand
- Floor Slab Thickness: 17 inches
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: N/A
- Type of Racking: Pallet
- Accessories: Wire mesh decking, three (3) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

#### **13. Scope of Work – MTF Interior 2:**

This scope includes the design, fabrication, delivery and installation of:

- 1 bay of selective pallet racking.48" deep x 144" high x 108" wide.
- Each bay will include 4 load beam levels minimum.
- Each Level will be complete with wire mesh decks.



- 2 - 12" post protectors 12" high are to be included.
- All necessary anchors, floor and wall.

#### **Design and selection information:**

- Material handling in proposed racking: counter balance fork Lift, hand
- Floor Slab Thickness: 17 inches
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: N/A
- Type of Racking: Pallet
- Accessories: Wire mesh decking, three (3) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

#### **14. Scope of Work – Under Water Weapons-1:**

This scope includes the design, fabrication, delivery and installation of:

- 4 bays of selective pallet racking. 48" deep x 144" high x 108" wide.
- Each bay will include 4 load beam levels.
- 4 bay 36" deep x 86" high x 54" wide.
- Each bay will include 2 load beam levels.
- Each Level will be complete with wire mesh decks.
- 4 - 12" post protectors 12" high are to be included.
- All necessary anchors, floor and wall.

#### **Design and selection information:**

- Material handling in proposed racking: 30 tonne crane, hand
- Floor Slab Thickness: 17 inches
- Maximum load anticipated on shelf: 4000 lbs.
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: N/A
- Type of Racking: Pallet
- Accessories: Wire mesh decking, three (3) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

#### **15. Scope of Work – D-200 Internal Combustion Engine Shop - 1:**

This scope includes the design, fabrication, delivery and installation of:

- 2 bays of selective pallet racking. 48" deep x 120" high x 108" wide.

- Each bay will include two load beam levels.
- Each Level will be complete with wire mesh decks.
- All necessary anchors, floor and wall.

#### **16. Scope of Work – D-200 Internal Combustion Engine Shop - 2:**

This scope includes the design, fabrication, delivery and installation of:

- 3 bays of selective pallet racking. 36" deep x 120" high x 108" wide.
- Each bay will include three load beam levels.
- Each Level will be complete with wire mesh decks.
- All necessary anchors, floor and wall.

#### **17. Scope of Work – D-200 Internal Combustion Engine Shop - 3:**

This scope includes the design, fabrication, delivery and installation of:

- 1 bay of selective pallet racking. 48" deep x 120" high x 108" wide.
- Bay will include two load beam levels.
- Each Level will be complete with wire mesh decks.
- All necessary anchors, floor and wall.

#### **18. Scope of Work – D-200 Internal Combustion Engine Shop - 4:**

This scope includes the design, fabrication, delivery and installation of:

- 1 bay of selective pallet racking. 36" deep x 84" high x 108" wide.
- Bay will include three load beam levels.
- Each Level will be complete with wire mesh decks.
- All necessary anchors, floor and wall.

#### **Design and selection information:**

- Material handling in proposed racking: 30 tonne crane, hand
- Floor Slab Thickness: 6 inches
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Ceiling height in area of new racking: N/A
- Type of Racking: Pallet
- Accessories: Wire mesh decking, three (3) up right post protectors.
- Rack Color: orange
- Existing racking to be demolished and removed by contractor: yes, site visit will confirm amount.

#### **19. Scope of Work– Extra not to be installed:**

This scope includes the design, fabrication, delivery:

- 6 bays of selective pallet racking. 48" deep x 120" high x 108" wide.
- Each bay will include 3 load beam level.

- Each Level will be complete with wire mesh decks.

#### **Design and selection information:**

- Material handling in proposed racking: hand, forklift, crane
- Maximum load anticipated on shelf: 4000 LBS
- Anticipated temp. in location of racking: ambient
- Anticipated pallet size to be used in racking: 4 foot square
- Type of Racking: Pallet
- Rack Color: orange

#### **The Contractor is to supply with all new racking, as a minimum:**

- An ACAD or PDF of the planned racking for review prior to installation.
- Load application and rack configuration drawings shall be furnished with each rack installation.
- Written Information on requested accessories.
- For each scope, **a minimum of two plaques are to be supplied** and attached by contractor to the racking or an approved adjacent area. Each plaque shall have an area of not less than 50 square inches. Plaques shall show in clear, legible print (a) the maximum permissible unit load and/or maximum uniformly distributed load per level, (b) the average unit load if applicable and (c) maximum total load per bay. The unit load is usually a single pallet or container and its contents mechanically transported. Storage levels having multiple stacking of unit loads shall be so identified.
- If the racks are connected to the building structure, then the location and magnitude of The maximum possible horizontal and vertical that are imposed by the rack to the building are to be given to the owner of the building for his review.

#### **Site Clean-Up**

Any existing racking being demolished by the contractor as part of this contract is to be removed and disposed of off site by the contractor. All areas of the Work Site shall be kept clean at all times by the Contractor.

Upon completion of the project, the Contractor shall immediately remove all excess material and debris from the Work Site to the satisfaction of the Contract Administrator.

All existing safety pins are to be turned over to the owner. Existing safety pins are not to be used in new racking.

#### **Special Instructions and/or Information:**

##### **Notes:**

All work is to be done during normal business hours. Schedule to be agreed upon with owner and contractor prior to work beginning.

**\*\*The following is to be submitted with the bid document for review:**

**Copy of above plaque. Hand sketch is acceptable.  
Copy of proposed racking specification sheet.**

### **Reference Standards**

- **ANSI MH 16.1 - 2004** - 'Specification for the Design, Testing, and Utilization of Industrial Steel Storage Racks' (RMI 2002 Specification)
- **CSA S136-01** - 'North American Specification for the Design of Cold-Formed Steel Structural Members'
- **CSA S16-01** - 'Limit States Design of Steel Structures'
- **CSA A344.1-05** User Guide for Steel Storage Racks;
- **CSA A344.2-05** Standard for the Design and Construction of Steel Storage Racks.

**ANNEX "B"**  
**BASIS OF PAYMENT**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm lot price. **FOB Destination.** Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

**Note:** In order to be considered compliant with this solicitation document, bidders are required to complete the pricing table below.

\* Pricing shall **exclude** HST.

Description	Unit of Issue	* Price
Furnish all labour, materials and equipment and incidentals required to install, field test, complete and make ready for service as required steel storage racking per requirements outlined in <b>Annex A.</b>	Lot	\$