

**RETURN BIDS TO:  
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des  
soumissions - TPSGC**

**11 Laurier St. / 11, rue Laurier  
Place du Portage, Phase III  
Core 0A1 / Noyau 0A1  
Gatineau, Québec K1A 0S5  
Bid Fax: (819) 997-9776**

**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> CHICKEN CAGES	
<b>Solicitation No. - N° de l'invitation</b> 39903-130219/A	<b>Date</b> 2012-12-03
<b>Client Reference No. - N° de référence du client</b> 39903-130219	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HS-629-61679	
<b>File No. - N° de dossier</b> hs629.39903-130219	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-01-17</b>	<b>Time Zone Fuseau horaire</b> Eastern Standard Time EST
<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> Dicaire, Sylvie	<b>Buyer Id - Id de l'acheteur</b> hs629
<b>Telephone No. - N° de téléphone</b> (819) 956-6629 ( )	<b>FAX No. - N° de FAX</b> (819) 956-5227
<b>Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:</b>  Specified Herein Précisé dans les présentes	

**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**

Industrial Vehicles & Machinery Products Division  
11 Laurier St./11, rue Laurier  
7B1, Place du Portage, Phase III  
Gatineau  
Québec  
K1A 0S5

<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 (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>

Destination Code - Code destinataire	Destination Address - Adresse de la destination	Invoice Code - Code bur.-comptable	Invoice Address - Adresse de facturation
D - 1	FALLOWFIELD LABORATORY CANADIAN FOOD INSPECTION AGENCY (CFIA) 3851 FALLOWFIELD RD. OTTAWA, ON K2H 8P9	I - 1	FALLOWFIELD LABORATORY CANADIAN FOOD INSPECTION AGENCY (CFIA) 3851 FALLOWFIELD RD. OTTAWA, ON K2H 8P9 ATTN: JOAN REID



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	ROOSTER CAGE SYSTEM	D - 1	I - 1	1	Each	\$	XXXXXXXXXXXX	See Herein	
2	PULLET CAGE-2 TIER STACKED BELT BA TTERY ASSET MASTER NUMBER: 60349	D - 1	I - 1	1	Each	\$	XXXXXXXXXXXX	See Herein	
3	CAGE FLOORS - ROOSTER	D - 1	I - 1	1	Each	\$	XXXXXXXXXXXX	See Herein	
4	CAGE FLOORS - LAYER	D - 1	I - 1	1	Each	\$	XXXXXXXXXXXX	See Herein	
5	PULLET CAGE- FDI 2 TIER STACKED	D - 1	I - 1	1	Each	\$	XXXXXXXXXXXX	See Herein	
6	FDI 2 TIER - ENRICHED CONDO LAYET UNIT ASSET MASTER NUMBER: 60350	D - 1	I - 1	1	Each	\$	XXXXXXXXXXXX	See Herein	
7	ASSEMBLY & INSTALLATION	D - 1	I - 1	1	Each	\$	XXXXXXXXXXXX	See Herein	
8	FREIGHT FOR DELIVERY TO OLF	D - 1	I - 1	1	Each	\$	XXXXXXXXXXXX	See Herein	

---

## **TABLE OF CONTENTS**

### **PART 1 - GENERAL INFORMATION**

1. Introduction
2. Summary
3. Debriefing

### **PART 2 - BIDDER INSTRUCTIONS**

1. Standard Instructions, Clauses and Conditions
2. Submission of Bids
3. Enquiries - Bid Solicitation
4. Applicable Laws
5. Improvement of Requirement During Solicitation Period
6. Site visit

### **PART 3 - BID PREPARATION INSTRUCTIONS**

1. Bid Preparation Instructions

### **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

1. Evaluation Procedures
2. Basis of Selection

### **PART 5 - CERTIFICATIONS**

1. Code of Conduct Certifications - Certifications Required Precedent to Contract Award
2. Certifications Precedent to Contract Award

### **PART 6 - SECURITY REQUIREMENTS**

1. Security Requirement

### **PART 7 - RESULTING CONTRACT CLAUSES**

1. Requirement
2. Standard Clauses and Conditions
3. Security Requirement
4. Term of Contract

Solicitation No. - N° de l'invitation

39903-130219/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

hs629

Client Ref. No. - N° de réf. du client

39903-130219

File No. - N° du dossier

hs62939903-130219

CCC No./N° CCC - FMS No/ N° VME

---

5. Authorities
6. Payment
7. Invoicing
8. Certifications
9. Applicable Laws
10. Priority of Documents
11. Inspection and Acceptance
12. Shipping Instructions - Delivery at Destination (Firm quantity)
13. Insurance Requirements
14. Commercial General Liability Insurance
15. Government Site Regulations
16. Identification Badge
17. Cleanup of Site

### **Attachments**

Annex A - Pricing

Annex B - Purchase Description

---

## **PART 1 - GENERAL INFORMATION**

### **1. Introduction**

The bid solicitation and resulting contract document is divided into seven (7) parts plus annexes as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation and states that the Bidder agrees to be bound by the clauses and conditions contained in all parts of the bid solicitation;
- Part 3 Bid Preparation Instructions: provides bidders with instructions on how to prepare their bid;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid and the basis of selection;
- Part 5 Certifications: includes the certifications to be provided;
- Part 6 Security Requirements: includes specific requirements that must be addressed by bidders; and
- Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The attachment includes the Annex A - Pricing and the Purchase Description.

### **2. Summary**

The Canadian Food and Inspection Agency has a requirement to design, produce, deliver and install custom made chicken cages in accordance with the Purchase Description and as described at Annex A - Pricing.

The requirement is subject to the provisions of the North American Free Trade Agreement, the Canada-Columbia Free Trade Agreement, the Canada-Peru Free Trade Agreement and the Agreement on Internal Trade.

### **3. Debriefings**

After contract award, bidders may request a debriefing on the results of the bid solicitation. Bidders should make the request to the Contracting Authority within 15 working days of receipt of notification that their bid was unsuccessful. The debriefing may be provided 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 (2012-11-19) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

**Subsection 05.4** of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

**Delete:** Bids will remain open for acceptance for a period of not less than **sixty (60) days** from the closing date of the bid solicitation

**Insert:** Bids will remain open for acceptance for a period of not less than **ninety (90) calendar days** from the closing date of the bid solicitation

### 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 **seven (7)** 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 Ontario.

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.

#### **5. Improvement of Requirement During Solicitation Period**

Should bidders consider that the specifications, Statement of Work or Purchase Description contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least **seven (7)** calendar days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

#### **6. Site visit**

It is recommended that the bidder or a representative of the bidder visit the work site and examine the scope of work required and the existing conditions.

Arrangements have been made for a tour of the work site. The site visit will be held on December 11th, 2013 at 10:00 am, and bidders should communicate with the Contracting Authority prior to the visit to confirm attendance. Bidders that do not attend are not precluded from submitting a bid. Bidders are to provide the Contracting Authority with the names of its representatives and a list of issues that it wishes to table no later than five (5) days prior to the scheduled site visit.

The person conducting the site visit will have an attendance form which is to be signed by the bidder's representatives in attendance. The attendance form will be submitted to the Contracting Authority immediately after the visit has been conducted. Bidders are advised that any clarifications or changes resulting from the site visit shall be included as an amendment to the bid solicitation document.

---

## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **1. Bid Preparation Instructions**

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

First page of the Request for Proposal signed by the bidder or an authorized representative of the Bidder (1 signed copy)

Section I: Technical Bid (2 hard copies)

Section II: Financial Bid (1 hard copy)

Section III: Certifications and Additional Information (1 hard copy)

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>). 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 demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that bidders address and present topics in the order of the evaluation criteria

under the same headings. To avoid duplication, bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

## **Section II: Financial Bid**

Bidders must submit their bid in accordance with the Basis of Payment specified in Part 7 and Annex A - Pricing. Bidders must complete Annex A and submit it with their bid.

The Firm lot price must appear in Annex A - pricing only.

### **1. SACC Manual Clauses**

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

1. Unless otherwise specified in the bid solicitation, bids must be in Canadian currency.
2. Bidders may request Canada to assume the risk for exchange rate fluctuation. This request must be specifically made at time of bidding.
3. The foreign currency component is defined as the element of the price that will be directly affected by exchange rate fluctuations. It could include the net price FOB foreign manufacturer's plant, costs associated with applicable duty, excise tax, Goods and Services Tax or Harmonized Sales Tax, if applicable, entry fees, transportation costs or delivery charges payable in a foreign currency, and any other charges associated with being the importer of record if they originated from and are required to be paid in a foreign currency.
4. The foreign value of the foreign currency component of the bid or negotiated price must be provided before contract award. Form PWGSC-TPSGC 9411, Claim for Exchange Rate Adjustments, may be used for this purpose. If milestone payments are proposed, it is recommended to indicate on the above form the foreign currency component associated with each milestone event.
5. All bids are evaluated in Canadian currency. Therefore, for evaluation purposes, the noon rate quoted by the Bank of Canada as being in effect on date of bid closing, or such other date as may be specified in the bid solicitation, will be applied as the initial conversion factor for the specified currency. (Column 3 of the above form will be completed by the Contracting Authority.)
6. Rates proposed by bidders will not be accepted for the purposes of this exchange rate adjustment provision.
7. If there are two (2) identical bids, and provided that the bid selected would still be considered the most advantageous to Canada, preference will be given to the Bidder who assumes all or part of the exchange rate adjustment risk over a bidder who does not assume

any of this risk. Furthermore, preference will be given to the Bidder who assumes all of the exchange rate adjustment risk over a bidder who assumes only part of this risk.

8. Canada will pay the exchange rate adjustment amount in Canadian currency using the prevailing noon rate on the date of payment by Canada or, as applicable, in accordance with one of the following clauses: C3015C, C3020C, C3025C, or C3030C.

### **Section III: Certifications and Additional Information**

#### **1. Certifications**

Bidders must submit the certifications required under Part 5.

#### **2. Additional Information**

Canada requests that bidders submit the following information:

##### **2.1 Delivery**

While delivery of all items is requested by April 30, 2013, the best delivery that could be offered is as follows:

- Item 1 The multi bird layer cage will be delivered and installed within \_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 2 The battery pullet cages - 2 grow tiers will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 3 The pullet starter (top tier) will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 4 The rooster cage system (bottom tier) will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 5 The pullet grower (top tier) will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 6 The layer cage system (lower tier) will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 7 The pullet cage system will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 8 The enriched condo layer unit will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.

Solicitation No. - N° de l'invitation

39903-130219/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

hs629

Client Ref. No. - N° de réf. du client

39903-130219

File No. - N° du dossier

hs62939903-130219

CCC No./N° CCC - FMS No/ N° VME

---

## 2.2 Supplier Contacts

Name and telephone number of the person responsible for:

General enquiries

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

Telephone No. \_\_\_\_\_

Facsimile No. \_\_\_\_\_

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

Delivery follow-up

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

Telephone No. \_\_\_\_\_

Facsimile No. \_\_\_\_\_

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

---

## **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 Evaluation Criteria**

Bidders must demonstrate how they will meet the requirements detailed in Annex B.

#### **1.2 Financial Evaluation**

##### **1.2.1 Mandatory Financial Evaluation Criteria**

Bids must be completed in full and provide all financial information requested in the bid solicitation and Annex A - Pricing.

**1.2.1.2** The prices of the bid must be in Canadian dollars, Canadian Custom Duties and Excise Taxes included where applicable, Goods and Services Tax or the Harmonized Sales Tax extra.

### **2. Basis of Selection**

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

---

## **PART 5 - CERTIFICATIONS**

Bidders must provide the required certifications to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

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

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

**1.1.1** By submitting a bid, the Bidder certifies, for himself and his affiliates, to be in compliance with the Code of Conduct and Certifications clause of the Standard instructions. The related documentation hereinafter mentioned will help Canada in confirming that the certifications are true. By submitting a bid, the Bidder certifies that it is aware, and that its affiliates are aware, that Canada may request additional information, certifications, consent forms and other evidentiary elements proving identity or eligibility. Canada may also verify the information provided by the Bidder, including the information relating to the acts or convictions specified herein, through independent research, use of any government resources or by contacting third parties. Canada will declare non-responsive any bid in respect of which the information requested is missing or inaccurate, or in respect of which the information contained in the certifications is found to be untrue, in any respect, by Canada. The Bidder and any of the Bidder's affiliates, will also be required to remain free and clear of any acts or convictions specified herein during the period of any contract arising from this bid solicitation.

Bidders who are incorporated, including those bidding as a joint venture, must provide with their bid or promptly thereafter a complete list of names of all individuals who are currently directors of the Bidder. Bidders bidding as sole proprietorship, including those bidding as a joint venture, must provide the name of the owner with their bid or promptly thereafter. Bidders bidding as societies, firms, partnerships or associations of persons do not need to provide lists of names. If the required names have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply will render the bid non-responsive. Providing the required names is a mandatory requirement for contract award.

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) (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>) for any or all individuals aforementioned within the time specified. Failure to provide such Consent Forms within the time period provided will result in the bid being declared non-responsive.

## **2.2. Additional Certifications Precedent to Contract Award**

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

### **2.1 Federal Contractors Program - over \$25,000 and below \$200,000**

Suppliers who are subject to the Federal Contractors Program (FCP) and have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive federal government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any bids from ineligible contractors, including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

(a) ☐ is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, or temporary employees having worked 12 weeks or more in Canada;

(b) ☐ is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;

(c) ☐ is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC, having not bid on requirements of \$200,000 or more;

(d) ☐ has not been declared an ineligible contractor by HRSDC, and has a valid certificate number as follows: \_\_\_\_\_.

Further information on the FCP is available on the HRSDC Web site.

Solicitation No. - N° de l'invitation

39903-130219/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

hs629

Client Ref. No. - N° de réf. du client

39903-130219

File No. - N° du dossier

hs62939903-130219

CCC No./N° CCC - FMS No/ N° VME

---

## **PART 6 - SECURITY REQUIREMENTS**

### **1. Security Requirement**

There is no security requirement associated with the requirement.

---

## PART 7 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

### 1. Requirement

The Contractor must design, produce, deliver and install custom made chicken cages, in accordance with Annex A - Pricing and Annex B - Purchase Description.

### 2. 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.

#### 2.1 General Conditions

2030 (2012-11-19), General Conditions - Higher Complexity - Goods, apply to and form part of the Contract.

At Section 22, Warranty

At paragraph 1, delete the following: " The Contractor warrants that, for twelve (12) months (or any other period stated in the Contract)," and replace with the following: "The Contractor warrants that, for **twenty-four (24)** months.

Delete paragraphs 2, 3 and 4 in their entirety and replace with the following:

"2. In the event of a defect or non-conformance in any part of the Work during the warranty period, the Contractor, at the request of Canada to do so, must initiate corrective measures within two (2) working days and complete the repair, replacement or otherwise make good within a reasonable length of time at its own option and expense the part of the Work found to be defective or not in conformance with the requirements of the Contract. If the Contractor fails to initiate corrective measures within the 2 day period and complete the repair, replacement or otherwise make good within a reasonable length of time or has no repair facilities in the immediate vicinity (within 100 kilometres) of the specified delivery destinations (consignees), Canada reserves the right to make such repairs and be reimbursed by the Contractor at the rate of \$103.91 per hour for labour and the cost for replaced parts.

3. The Work or any part of the Work found to be defective or non-conforming will be returned to the Contractor's plant for replacement, repair or making good. However, when in the opinion of Canada it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the

Contractor will be responsible for all Costs (including travel and living expenses) incurred in so doing, Canada will not reimburse these Costs. In the event of a warranty dispute with a component manufacturer, the Contractor must be held responsible for all warranty coverage.”

4. The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant pursuant to subsection 3. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another location directed by Canada.”

### 3. Security Requirement

There is no security requirement associated with the requirement.

## 4. Term of Contract

### 4.1 Delivery Date

Delivery must be made as follows:

- Item 1 The multi bird layer cage will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 2 The battery pullet cages - 2 grow tiers will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 3 The pullet starter (top tier) will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 4 The rooster cage system (bottom tier) will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 5 The pullet grower (top tier) will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 6 The layer cage system (lower tier) will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 7 The pullet cage system will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.
- Item 8 The enriched condo layer unit will be delivered and installed within \_\_\_\_\_ weeks/calendar days from the effective date of the contract.

---

## 5. Contracting Authority

The Contracting Authority for the Contract is:

Supply Officer

Public Works and Government Services Canada

Acquisitions Branch

LEFTD - HS Division

7B1, Place du Portage, Phase III

Gatineau, Quebec K1A 0S5

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

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

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

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 Procurement Authority

The Procurement Authority for the contract is:

To be inserted by PWGSC

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

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

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

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

### 5.3 Technical Authority

The Technical Authority for the Contract is:

To be inserted by PWGSC

\_\_\_\_\_

Solicitation No. - N° de l'invitation

39903-130219/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

hs629

Client Ref. No. - N° de réf. du client

39903-130219

File No. - N° du dossier

hs62939903-130219

CCC No./N° CCC - FMS No/ N° VME

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

The Technical 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 Technical Authority; however, the Technical 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.

#### **5.4 Contractor's Representative**

##### **General enquiries**

Name: To be inserted by PWGSC

Telephone No. \_\_\_\_\_

Facsimile No. \_\_\_\_\_

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

##### **Delivery follow-up**

Name: To be inserted by PWGSC

Telephone No. \_\_\_\_\_

Facsimile No. \_\_\_\_\_

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 firm prices, in Canadian dollars including Canadian Custom Duties and Excise Taxes included where applicable, Goods and Services Tax/Harmonized Sales Tax extra.

##### **6.2 SACC Manual Clauses**

<b>SACC Reference</b>	<b>Title</b>	<b>Date</b>
C2000C	Taxes - Foreign-based Contractor	2007-11-30
C6000C	Limitation of Price	2011-05-16
H1001C	Multiple Payment	2008-05-12

## 6.4 Exchange Rate/Payment on Delivery

1. The price in Canadian currency includes the foreign currency component in respect of goods, services or both originating outside Canada, as detailed in form PWGSC-TPSGC 9411, Claim for Exchange Rate Adjustments.
2. The price must be adjusted to reflect the exchange rate in effect and applied by Canada Border Services Agency (CBSA) on the date of importation, but only in respect of the foreign currency component detailed in the above form.
3. No price adjustment directly resulting from the application of the provisions contained in this clause will be applied for increases or decreases in the exchange rate within a variation of: plus or minus 2 percent of the exchange rate(s) mentioned above; or plus or minus \$100 of the total cumulative amount claimed for exchange rate adjustment under the Contract.
4. On each invoice or claim for payment submitted under the Contract, the Contractor must indicate the exchange rate adjustment amount (either upward, downward or no change) as a separate item. In addition, the invoice must be accompanied by a copy of CBSA Form B3-3, Canada Customs Coding Form, for the imported goods, services or both.
5. Canada will have the right to audit any revision to costs and prices under this clause.

## 7. Invoicing

### 7.1 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 on the invoice is completed.
2. Invoices must be distributed as follows:
  - (a) The original copy must be forwarded to the Procurement Authority to the following address for certification and payment.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Attention to:** \_\_\_\_\_

- (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

---

## 8. Certifications

Compliance with the certifications 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 or 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 Ontario.

## 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 2030 (2012-11-19) General Conditions - Higher Complexity - Goods;
- (c) Annex A - Pricing;
- (d) Purchase Description for custom made chicken cages;
- (e) The Contractor's bid dated **(to be inserted by PWGSC)** \_\_\_\_\_, as amended **(to be inserted by PWGSC)** \_\_\_\_\_.

## 11. Inspection and Acceptance

The Technical Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Purchase Description and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

## 12. Shipping and Installation Instructions - Delivery at Destination (Firm quantity)

1. The contractor must deliver and install the goods by appointment only.
2. The contractor is responsible of all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes.
3. The contact person for delivery is: **to be inserted by PWGSC** . The goods must be delivered to **to be inserted by PWGSC**).

## 13. Insurance Requirements

The Contractor must comply with the insurance requirements specified herein. The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.

The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

The Contractor must forward to the Contracting Authority within ten (10) days after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. Coverage must be placed with an Insurer licensed to carry out business in Canada. The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

## 14. Commercial General Liability Insurance

1. The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence and in the annual aggregate.

2. The Commercial General Liability policy must include the following:

(a) Additional Named Insured: Canada is added as an additional named insured, but only with respect to liability arising out of the performance of the Contract.

The interest of Canada as additional insured should read as follows: Canada, represented by the Canadian Food and Inspection Agency and/or Public Works and Government Services Canada.

(b) Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.

(c) **Products and Completed Operations:** Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.

(d) **Personal Injury:** While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.

(e) **Cross Liability/Separation of Insureds:** Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.

(f) **Blanket Contractual Liability:** The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.

(g) **Employees and, if applicable, Volunteers** must be included as Additional Insured.

(h) **Employers' Liability** (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)

(i) **Broad Form Property Damage including Completed Operations:** Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.

(j) **Notice of Cancellation:** The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.

(k) If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.

(l) **Owners' or Contractors' Protective Liability:** Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.

(m) **Non-Owned Automobile Liability -** Coverage for suits against the Contractor resulting from the use of hired or non-owned vehicles.

## **15. Government Site Regulations**

The Contractor must comply with the contract or other regulations, instructions and directives in force on the site where the Work is performed.

---

**16. Identification Badge**

Any person assigned to the performance of any part of the Work that is performed on government premises must wear in a conspicuous place the identification badge issued to that person by Canada.

When a person is required to wear a safety helmet, the Contractor, if requested to do so by Canada, must paint the number appearing on the badge on the front of the safety helmet.

**17. Cleanup of Site**

The Contractor must maintain the Work and its site in a tidy condition and free from an accumulation of waste material and debris.

The Contractor must remove all surplus materials and any waste products and debris from the site of the Work.

---

## ANNEX A - PRICING

The contractor will be paid a firm lot price of \$ \_\_\_\_\_ for the design, production, delivery and installation of the following custom made chicken cages.

The price of the bid must be in Canadian dollars, Incoterms 2000, for the firm lot price, Canadian Custom Duties and Excise Taxes included where applicable, Goods and Services Tax or the Harmonized Sales Tax extra.

Item 1 - Quantity 1

2 tier stacked battery multi bird layer cage in accordance with the purchase description.  
Delivery and installation at building 211

Item 2 - Quantity 1

2 tier stacked belt battery pullet cages in accordance with the purchase description.  
Delivery and installation at building 211

Item 3 - Quantity 1

2 tier stacked belt pullet starter (top tier) in accordance with the purchase description.  
Delivery and installation at building 128

Item 4 - Quantity 1

2 tier stacked belt rooster cage system (bottom tier) in accordance with the purchase description.  
Delivery and installation at building 128

Item 5 - Quantity 1

2 tier stacked belt pullet grower (top tier) in accordance with the purchase description.  
Delivery and installation at building 128

Item 6 - Quantity 1

2 tier stacked belt layer cage system (lower tier) in accordance with the purchase description.  
Delivery and installation at building 128

Item 7 - Quantity 1

2 tier stacked belt pullet cage system in accordance with the purchase description.  
Delivery and installation at building 211

Item 8 - Quantity 1

2 tier enriched condo layer unit in accordance with the purchase description.  
Delivery and installation at building 211

## **Annex B - Purchase description for Custom Chicken Cage**

The Contractor must design, produce, deliver and install custom made chicken cages as follows:

### **Item 1 - 2 tier stacked battery multi bird layer cage**

Configuration for: Building 211 Room 2 Ceiling height of 8 foot 11 inches.

Must be 2 tier stacked battery multi bird layer cage with a cage floor area of 320 square inches

Must be 12 ft 6 inch cage row in length

Must be 17 ft total row length all drives included

Floor of first tier must be 28 inches off the concrete floor with second tier about 53 inches off the concrete floor

Cage dimensions must be 20 inches wide x 16 inches deep x 16 inches high with 30 cages to hold 60 birds

Must be 1 - 10ft and 1 - 30 inch cage section per row with a manure belt below

Rooster cages must be 20 inches x 16 inches x 16 inches at back of cage and 19.4 inches at front

Floor must slope 7.4 Deg

Door must be 12 inches high x 18 inches wide, spring loaded push in door with horizontal wires

Must be 10 ft cage row sections with stands every 5 feet, stand legs must be manufactured using 14 gauge galvanized steel and formed into a U-channel with adjustable feet used for levelling cages - movement of +/- 1.5 inches.

Must have a cage floor constructed of 1"x2", 14 gauge galvanized after welding (GAW) wire mesh, with a tensile strength of 107,000 PSI, and a weld shear of 440 lbs, with a zinc coating weight of 1.03 oz. Per foot - NOTE GAW wire mesh is hot dipped galvanized after the welding process.

Floor support wires under cage floors must provide a walking effect which reduces leg and foot injuries.

Must have wire mesh cage tops on both tiers

Feeding System

Must be 20 gauge galvanized hi-lip feed trough that is swedged for strength and ease of assembly

Must be High lip trough with rolled inner and outer edge to minimize feed waste

Must be in 10 ft lengths for ease of removal to clean.

### **Watering System**

Must be a lubing stainless steel nipple drinker watering system with stainless steel nipples with red plastic bodies spaced 10" apart with 1 nipple per cage and the water line mounted in cage center with 2 water lines per tier

Must be low pressure design to reduce water waste and keeps the manure drier

Must be a 2 tier water header and have flush ends per row.

### **Manure Removal**

Must be a 29.5 inch polyethylene belt which contains and transports the manure from each tier

Must have extra wide manure rails to prevent droppings from reaching the feed trough or floor below

Must be driven by 6 " steel drive rollers and powered pinch rollers

Drive unit must be shipped assembled for ease of installation

Must have anti splash curtains on discharge side of manure belt drive units to aid in directing manure to the manure cross conveyor

## **Item 2 - 2 tier stacked belt battery pullet cages**

Configuration for: Building 211 Room 2 Ceiling height of 8 foot 11 inches.

Must be 2 tier stacked belt Battery Pullet cages - 2 grow tiers with a cage floor area of 1560 square inch and 780 square inch

Must be 12 ft 6 inch cage row in length

Must be 17 ft total row length all drives included

Floor of first tier must be 28 inches off the concrete floor with second tier about 53 inches off the concrete floor

Cage dimensions must be 1 -10ft section with 60" wide x 26" deep x 16 inch high both tiers

Cage dimension 1 - 30 inch section with 30" wide x 26" deep x 16 inch high both tiers

Must be 12 form 12 cages

Cages must be 60 inches with a floor space of 1560 square inches and 30 inches wide with 780 square inches depending on which section of cage it is

Cages must be 26 inches deep and 16 inches high at the back of cage

Doors must be 9 inches high x 18 inches wide, and spring loaded push in doors with horizontal wires

Must be 10 ft cage row sections with stands every 5 feet, stand legs must be manufactured using 14 gauge galvanized steel and formed into a U-channel with adjustable feet used for levelling cages - movement of +/- 1.5 inches.

Must have a cage floor constructed of 1"x1" , 14 gauge galvanized after welding (GAW) wire mesh, with a tensile strength of 107,000 PSI, and a weld shear of 440 lbs, with a zinc coating weight of 1.03 oz. per foot - NOTE GAW wire mesh is hot dipped galvanized after the welding process.

Floor support wires under cage floors must provide a walking effect which reduces leg and foot injuries.

Must have wire mesh cage tops on both tiers.

## **Feeding System**

Must be designed for 5 week old birds large enough to eat over the back of the feed trough

Must be High lip trough with rolled inner and outer edge to minimize feed waste

Must be in 10 ft lengths for ease of removal to clean.

**Watering System**

Must be a lubing stainless steel nipple drinker watering system with stainless steel nipples with red plastic bodies spaced 15" apart with 1 nipple per cage and the water line mounted in cage center with 2 water lines per tier fixed near the top of the cage

Must be low pressure design to reduce water waste and keeps the manure drier

Must be a 2 tier water header and have flush ends per row.

**Manure Removal**

Must be a 48 inch polyethylene belt which contains and transports the manure from each tier

Must have extra wide manure rails to prevent droppings from reaching the feed trough or floor below

Must be driven by 6 " steel drive rollers and powered pinch rollers

Drive unit must be shipped assembled for ease of installation

Must have anti splash curtains on discharge side of manure belt drive units to aid in directing manure to the manure cross conveyor

**Item 3 - 2 tier stacked belt pullet starter (top tier)****Item 4 - 2 tier stacked belt rooster cage system (bottom tier)**

Configuration for: Building 128 Ceiling height of 8 foot 8.5 inches.

Must be 2 tier stacked belt Pullet Starter (top tier) / Rooster Cage system (bottom tier)

Must be 35 foot cage row in length - 1 row

Must be 39 ft 6 inch total row length all drives included

Floor of first tier must be 28 inches off the concrete floor with second tier about 53 inches off the concrete floor

Cage dimensions must be 3-10ft cage sections and 1 5 ft cage section with 30" wide x 26" deep x 16 inch high pullet cage on top tier (pullet start tier) and with 24 inch wide x 20 inch deep x 20 inch high multi bird rooster cage on the bottom tier (last cage will be 12 " wide to match top tier length)

Must have spring loaded push in doors with horizontal wires for pullet section and vertical wires for roosters to provide easy access to feed

Must be 10 ft cage row sections with stands every 5 feet, stand legs must be manufactured using 14 gauge galvanized steel and formed into a 1-3/4" U-channel with adjustable feet used for levelling cages - movement of +/- 2.5 inches.

Must have a cage floor constructed of 1/2 "x 2" , 14 gauge galvanized after welding (GAW) wire mesh on top pullet start tier and must be 1" x 2" GAW on the bottom rooster tier with a tensile strength of 107,000 PSI, and a weld shear of 440 lbs, with a zinc coating weight of 1.03 oz. per foot - NOTE GAW wire mesh is hot dipped galvanized after the welding process.

Must have 1" x 1" GAW 14 gauge cage backs and partitions in top pullet tier

Must have 1" x 2" GAW 14 gauge cage backs and partitions in bottom rooster tier

2 floor support wires under cage floors must provide a walking effect which reduces leg and foot injuries.

Top pullet start tier includes a galvanized floor plate located in the cage behind the feed trough for quick chick starting and reduced feed waste.

### **Feeding System**

Top tier must be a starter feed trough with a high lip rolled inner and outer edge to minimize feed waste by birds

Must be in 10 ft lengths for easy removal and cleaning

Must use the peep hole design with an adjustable bird restrictor which allows day old chicks to eat directly from trough.

Must be a standard trough on the bottom rooster tier, designed for 5 week old birds large enough to eat over the back of the feed trough

Feed troughs must be fastened outside the cage which eliminates entry by birds preventing droppings from contaminating the feed

### **Water System:**

Must be lubing 360 degree nipple with 22mm square pipe

Must be stainless steel nipples with red plastic bodies spaced 15" apart - with water line mounted in cage center using 2 adjustable water lines per pullet cage on top tier which is adjusted by means of a winching system at the end of the cage row to easily match bird growth on top tier

Bottom tier must be stainless steel nipples with red plastic bodies spaced 12 inches apart with water lines fixed near the top of the cage.

### **Manure Removal**

Must be a 48" polyethylene belt that contains and transport the manure from each tier with extra wide manure rails to prevent droppings from reaching the feed trough and floor below

Must be driven by 6" steel drive rollers with powered pinch rollers using one motor and gearbox powering both levels of manure belts, with a anti splash curtain on discharge side

### **Item 5 - 2 tier stacked belt pullet grower (top tier)**

### **Item 6 - 2 tier stacked belt layer cage system (lower tier)**

Configuration for: Building 128 Ceiling height of 8 foot 8.5 inches.

Must be 2 tier stacked belt Pullet Grower (Top tier) / Layer Cage system (lower Tier)

Must be 35 foot cage row in length - 1 row

Must be 39 ft 6 inch total row length all drives included

Floor of first tier must be 28 inches off the concrete floor with second tier about 53 inches off the concrete floor

Cage dimensions must be 3-10ft cage sections and 1 5 ft cage section with 30" wide x 26" deep x 16 inch high pullet cage on top tier (pullet) and with 20" wide x 16" deep x 16" high multi bird layer cages on bottom tier using a manure belt cleaning system.\

Must be 10 ft cage row sections with stands every 5 feet, stand legs must be manufactured using 14 gauge galvanized steel and formed into a 1-3/4" U-channel with adjustable feet used for levelling cages - movement of +/- 2.5 inches.

Must have spring loaded push in doors with horizontal wires for pullet section and horizontal wires on layer section to provide easy access to feed

Must have 1" x 1" GAW 14 gauge cage floors, cage backs and partitions in top pullet tier

Must have 1" x 2" GAW 14 gauge cage floors, cage backs and partitions in bottom layer tier

Must have 2 floor support wires under cage floors which provides a walking effect which reduces leg and foot injuries.

### **Feeding System**

Must be 20 gauge galvanized hi-lip feed trough that is swedged for strength and ease of assembly

Must be in 10 foot lengths so that can be easily removed for cleaning

Must be a standard trough on the top pullet grow tier and bottom layer tier is designed for 5 week old birds large enough to eat over the back of the feed trough

Feed trough must be fastened outside the cage to eliminate entry by birds

### **Watering System**

Top tier pullet grow tier with fixed water pipes must be a lubing 360 degree nipple with 22mm square pipe using stainless steel nipples with red plastic bodies spaced 15" apart with water line mounted in cage center using 2 water lines per pullet grow tier fixed near the top of the cage

Bottom tier double bird layer cage must be stainless steel nipples with red plastic bodies spaced 10" apart with line mounted in cage center with 2 water lines.

Must be a lubing pressure regulator with stand kit and flush breather kits

### **Egg Collection**

Must be on bottom tier layer cage a rubberized egg bumper on the front edge of the egg tray

### **Manure Removal System**

Must be a 48" polyethylene belt which contains and transports the manure from each tier with extra wide manure rails to prevent droppings from reaching the feed trough or floor below

Must be driven by 6" steel drive rollers and powered pinch rollers using one motor and gearbox to power both levels of manure belts.

Must have an anti splash curtain on discharge side of manure belt drive units to aid in directing manure to the discharge opening

## **Item 7 - 2 tier stacked belt pullet cage system**

Configuration for: Building 211 Room 1 Ceiling height of 8 foot 11 inches

Must be a 2 tier stacked Pullet Cage System with 2 rows of 12' 6" cage lengths with a total length of 17' with all drives included with manure belt cleaner

Must have 30" wide x 26" deep x 16" high cages on top starter tier and 60" wide x 26" deep x 16" high cages on the bottom grow tier.

Must have spring loaded push in doors with horizontal wires, with door being 9 inches high x 18 inches wide.

Floor of first tier must be 28 inches off the concrete floor with second tier about 53 inches off the concrete floor

Must be 10 ft cage row sections with stands every 5 feet, stand legs must be manufactured using 14 gauge galvanized steel and formed into a 1-3/4" U-channel with adjustable feet used for levelling cages - movement of +/- 2.5 inches.

Must have a cage floor constructed of 1/2 "x 2" , 14 gauge galvanized after welding (GAW) wire mesh on top pullet start tier and must be 1" x 1" GAW on the bottom grower tier with a tensile strength of 107,000 PSI, and a weld shear of 440 lbs, with a zinc coating weight of 1.03 oz. per foot - NOTE GAW wire mesh is hot dipped galvanized after the welding process.

Must have 1" x 1" GAW 14 gauge cage backs and partitions

Must have 2 floor support wires under cage floors which provides a walking effect which reduces leg and foot injuries.

Top start tier includes a galvanized floor plate located in the cage behind the feed trough for quick chick starting and reduced feed waste.

### **Feeding System**

Top tier must be a pullet starter Feed Trough using the peep hole design with an adjustable bird restrictor allowing day old chicks to eat directly from trough.

Must be 20 gauge galvanized high lip feed trough with rolled inner and outer edge to minimize feed waste by birds.

Must be in 10 foot lengths so that can be easily removed for cleaning

Must have a grow trough on the bottom grow tier designed for 5 week old birds large enough to eat over the back of the feed trough

Must be fastened outside the cage to eliminate entry by birds preventing droppings from contaminating feed

### **Watering System**

Top tier must have adjustable water pipes for the pullet starter tier with lubing 360 degree nipple waterers with 22 mm square piping.

Must have stainless steel nipples with red plastic bodies spaced 15" apart with water line mounted in cage center with the height adjusted by means of a winching system at the end of each row to easily match the bird growth on top tier

Bottom tier must have stainless steel nipples with red plastic bodies spaced 15" apart with water line mounted in cage center with 2 water lines per grow row fixed near the top of the cage

Must use a lubing pressure regulator with stand kits and flush breather kits

### **Manure Removal**

Must be a 48" polyethylene belt that contains and transports the manure from each tier using extra wide manure rails to prevent droppings from reaching the feed trough or floor below.

Must be driven by 6" steel drive rollers and powered pinch rollers using one motor and gearbox to power both levels of manure belts.

Must have an anti splash curtain on discharge side of manure belt drive units to aid in directing manure to the discharge opening

### **Item 8 - 2 tier enriched condo layer unit**

Configuration for: Building 211 Room 3 Ceiling height of 8 foot 11 inches

Must be a 2 tier Enriched Condo Layer Unit with 2 rows total

Must be 17 feet in total equipment row length including all drive units

Floor of first tier must be 28 inches off the concrete floor with second tier about 53 inches off the concrete floor

Condo size is 144" wide x 26" deep x 17.75 " high at back and 20.93 inches at front with a total number of 8 cages holding 30 birds per cage 2 124.8 square inches per bird.

Must have a floor slope of 7.5 degrees, with a door 13.75" high X 23.75 " wide

Condo floor must be 1"x2" 14 gauge GAW wire mesh with tensile strength of 107,000 PSI and weld shear of 440 lbs with a zinc coating weight of 1.03 oz per foot.

Condo sections must have Heavy Duty legs to the floor every 2 feet on center using galvanized steel, formed into a U-channel with adjustable feet of 1.5" for levelling

must have 24" horizontal sliding doors with one hand operation with a positive dimple lock formed in the horizontal galvanized rods with no separate door latches to install or break

Must have floors constructed using 1" x 2" GAW 14 gauge mesh wire, with four support rods under each condo floor giving added strength and suspended every 2 ft by steel floor supports that span the condo width and attached to the vertical condo intermediate legs and floor legs.

This design gives the floors a walking effect reducing leg and foot injuries

Must include wire mesh back divider panels that can be removed without compromising the structural integrity of the structure.

### **Feeding System**

Must be a 20 gauge galvanized high lip feed trough with a swedged end for strength and ease of assembly using feed trough hangers which will support the weight of an average worker allowing all levels of feed trough to be used as a step.

---

## **Watering System**

Must be a lubing stainless steel nipple drinking system with water line located over the cage back divider in a 22mm pipe with nipples spaced 12" apart giving each bird multiple drinkers.  
Must have a drip tray located under the water pipe which contains access water providing for drier manure.

## **Egg Collection**

Must have a rubberized egg tray edging included that fastens to the front edge of the egg tray

## **Manure System**

Must be a 49.5 inch polyethylene belt which contains and transports the manure from each tier, with extra wide manure rails to prevent droppings form reaching feed trough and floor below  
Must be driven by 6" steel drive rollers and powered pinch rollers using one motor and gearbox to power both levels of manure belts.  
Must have an anti splash curtain on discharge side of manure belt drive units to aid in directing manure to the discharge opening

## **Enriched Condo Layer Units**

Must provide a dedicated curtained nest area with pad and be 312 square inches with no perches  
Must include claw shorteners that are easily maintained on the egg guard (breast plate)  
Must be designed in such a way to prevent bird entrapment under perches, floor supports, and other parts of condo unit and be free from sharp edges  
Perches must be manufactured from non-porous PVC which will prevent parasite growth and provide a minimum perch space of 6 linear inches per bird.