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Bid Receiving - PWGSC / Réception des soumissions
→ TPSGC

11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau

Quebec

K1A 0S5

Bid Fax: (819) 997-9776

SOLICITATION AMENDMENT MODIFICATION DE L'INVITATION

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

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

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Detection, Simulation and Optical Systems Division

Place du Portage III, 8C2

11 rue Laurier Street

Gatineau

Quebec

K1A 0S5

Title - Sujet JTAC VTS & In-Service Support Joint Terminal Attack Controller Virtual Training System (JTAC VTS)	
Solicitation No. - N° de l'invitation W8486-228446/A	Amendment No. - N° modif. 006
Client Reference No. - N° de référence du client W8486-228446	Date 2022-05-31
GETS Reference No. - N° de référence de SEAG PW-\$\$QT-017-28635	
File No. - N° de dossier 017qt.W8486-228446	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2022-06-20 Heure Avancée de l'Est HAE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Edwards-Letellier, Sophia	Buyer Id - Id de l'acheteur 017qt
Telephone No. - N° de téléphone (343) 543-7073 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

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

Request for Proposal (RFP) Amendment 006 is issued to respond to questions received during the Solicitation period.

1. Amendment 001 was issued to update RFP Volume 1 and Volume 2 Resulting Contract clause JTAC VTS – ISS R&O.
 2. Amendment 002 was issued to clarify that there is no solicitation labelled attachment 007 and update attachments 002 and 009.
 3. The first set of questions 1 to 13 were answered via RFP amendment 003.
 4. The second set of questions 14 to 20 were answered via RFP amendment 004.
 5. The third set of questions 21 to 51 were answered via RFP amendment 005.
-

Question 52:

Reference:

AMT8: The system must be capable of being housed within the existing locations of the legacy fleet (The system must be installed as a fixed installation in the locations currently occupied by the IFFS)

- a) Will the Government further define the facility power available within the locations currently occupied by the IFFS. Specifically, how much power (Total Amps) is available to power all new equipment including display, computer racks, IOS/Role Player stations, and peripheral support equipment?
- b) Will the Government further define the facility HVAC available within the locations currently occupied by the IFFS. Specifically, how much HVAC capacity (BTU/Hour) is available to cool all new equipment including display, computer racks, IOS/Role Player stations, and peripheral support equipment?

Answer 52:

All locations must comply with the Canadian Building Code. The successful bidder will be provided with an opportunity to conduct an onsite visit and take all/any measurements required.

Question 53:

Reference: Technical Requirements A1.13.4.12

The system must include an SME Thermal Imaging Optic (TIO) modeled exactly as a TIO in use by NATO militaries.

Is the Government requiring a form, fit, function TIO device and can DND please provide a specific device name as an example? May bidders offer a generic device not form/fit/function?

Answer 53:

In accordance with the SOW of the RFP, A1.13.4.12

The system must include an SME Thermal Imaging Optic (TIO) modeled after a TIO in use by NATO militaries.

Question 54:

Reference: CDRL # JTAC VTS-PM-003 & # JTAC VTS-PM-004 vs. A3.5 DID JTAC VTS-PM-003 & A3.6 DID JTAC VTS-PM-004.

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CDRL & DID's titles are switched within the two. Will the Government please confirm whether CDRL table & # or DID is correct for correct CDRL title?

Answer 54:

That is an error and will be corrected by DND in the final contracting documentation prior to contract award.

Question 55:

Reference: A3.14 DID JTAC VTS-SE 103 Equipment Specification Paragraph reference 4.2.7.1.

DID JTAC VTS-SE 103 Equipment Specification Paragraph references 4.2.7.1.

The correct reference is 4.2.7.

Will the Government update DID to reflect correct paragraph reference?

Answer 55:

That is an error and will be corrected by DND in the final contracting documentation prior to contract award.

Question 56:

Reference: CDRL # JTAC VTS-SE 112 references SOW pg. 26

The correct reference is SOW pg. 31.

Will the Government update CDRL list to reflect correct paragraph reference?

Answer 56:

That is an error and will be corrected by DND in the final contracting documentation prior to contract award.

Question 57:

Reference: CDRL # JTAC VTS-ILS- 208 Title is Training Package
A3.36 DID JTAC VTS-ILS-208 Title is JTAC VTS JTAC-I Train-the-Trainer Training Package

Will the Government clarify correct name of CDRL & DID?

Answer 57:

That is an error and will be corrected by DND in the final contracting documentation prior to contract award.

Question 58:

Reference: A.3.20 DID Material Change Notice

Box 4. Related Documents

Will the Government release file within Box 4 named "DND 2357n.pdf " since it is only an imbedded image and is not accessible to open?

Answer 58:

See attached DND2357 CANADIAN FORCES MATERIEL CHANGE NOTICE.

Question 59:

Reference: CDRL # Acquisition Contract IAW with CDRL and DID JTAC VTS-PM-003/ CDRL Title "Intellectual Property Management Plan & List" &

A3.5 DID Contract Status Report, ID # DID JTAC VTS-PM-003

Intellectual Property Management Plan & List does not appear in Box 6 "Preparation Instructions" of reference DID JTAC VTS-PM-003.

Since this is a "Semi-annual submission of the IPMPL (Section B – Intellectual Property List) throughout the contract, is format up to the contractor when adding the information to CDRL JTAC VTSPM-003 Contract Status Report due monthly?

Answer 59:

Yes, the format is up to the Contractor in accordance with the SOW.

Question 60:

Reference: CDRL & A3.17 DID 107

JTAC VTSSE-107 is named Cybersecurity Architectural Design Document and DID JTAC VTS-SE-107 title is Cybersecurity Architecture Description.

Will the Government confirm correct name for CDRL & DID 107?

Answer 60:

The content is still valid. The name will be corrected by DND in the final contracting documentation prior to contract award.

Question 61:

Reference: CDRL # Acquisition Contract IAW with CDRL and DID JTAC VTS-ILS-209, Title System Maintenance Manuals & A3.26 DID 209

CDRL # Acquisition Contract IAW with CDRL and DID JTAC VTS-ILS-210, Title Vendor Manuals & A3.28 DID 210

DID 209 System Maintenance Manuals & 210 Vendor Manuals Box 6 does not provide preparation instructions & content requirements.

Is this to be provided in contractor format?

Answer 61:

Yes, the format is up to the Contractor in accordance with the SOW.

Question 62:

Reference: CDRL # JTAC VTS-ILS 207 references paragraph 3.6.2.6 in table while A.3.24 DID 207 references paragraph 3.6.2.9.

Will the Government provide correct paragraph reference?

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Answer 62

That is an error in both the CDRL Table and the DID, this will be corrected by DND in the final contracting documentation prior to contract award.

Question 63:

Reference: CDRL # Acquisition Contract CDRL and DID JTAC VTS-ILS-208, Title JTAC VTS JTAC-I Train-the-Trainer Course & A3.25 DID 208.

Will the Government confirm that A3.25 DID 208 "Supplementary Provisioning Technical Documentation" is the correct DID reference for CDRL titled "Train-the-Trainer Course"?

Answer 63:

The Bidder's reference is incorrect.

The DID reference for CDRL titled "Train-the-Trainer Training identified below is located on page A/204 of 230 of the RFP.

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A3.36 DID – JTAC VTS JTAC-I Train-the-Trainer Training Package

DATA ITEM DESCRIPTION	
1. TITLE JTAC VTS JTAC-I Train-the-Trainer Training Package	2. IDENTIFICATION NUMBER DID JTAC VTS-ILS-208

Question 64:

- Will the Government confirm a US Secret or US Top Secret security level is equivalent to a Canadian Protected B level?
- Will the Canadian Government accept the US equivalent for this bid?
- If not acceptable, what documentation is required for a US company with a US security clearance to bid?

Answer 64:

- Prior to contract award PSPC will contact the winning bidder to initiate the Security Clearance. The Contract Security Program will determine whether or not US Secret or US Top Secret security level is equivalent to a Canadian Protected B level.
- Given that no security clearance is required at bid closing; Canada is unable to confirm acceptance of US equivalent at this time.
- See below link to information on international contract security requirements.

[International contract security requirements – Security requirements for contracting with the Government of Canada – Canada.ca \(tpsgc-pwgsc.gc.ca\)](https://www.tpsgc-pwgsc.gc.ca/contracting/contracting-international-security-requirements.aspx)

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[Roadmap International Security7-new \(tpsgc-pwgc.gc.ca\)](https://tpsgc-pwgc.gc.ca/Roadmap%20International%20Security7-new)

Question 65:

Reference:

ABES.PROD.PW__QT.B017.E28635.ATTAA001
ABES.PROD.PW__QT.B017.E28635.ATTAA008

The referenced solicitation documents appear to be identical. Please clarify if there are any differences or if one takes precedence over the other.

Answer 65:

There is no difference in the English version of the RFP ABES.PROD.PW__QT.B017.E28635.ATTAA001 and ABES.PROD.PW__QT.B017.E28635.ATTAA008.

Annex B - Basis of Payment, Table 2 - Joint Terminal Attack Controller Virtual Training System (JTAC VTS) Optional Acquisition Requirements Pricing; line-item number 2 quantity field was updated to reflect 3 Portables in the **French** version of the RFP ([ABES.PROD.PW__QT.B017.F28635.ATTAA008.PDF](#)).

Question 66:

The pricing tables tab "ISS" cells D26, G26, J26, L26 does not multiply the hours times the rate to yield the totals in cells D26, G26, J26, L26.

Answer 66:

See attached updated pricing table labelled as Revision V2 004_english_attachment_3_pricing tables.

Question 67:

Reference:

ABES.PROD.PW__QT.B017.E28635.ATTAA001.PDF
ABES.PROD.PW__QT.B017.E28635.ATTAA008.PDF
ABES.PROD.PW__QT.B017.E28635.ATTAA010.PDF
ABES.PROD.PW__QT.B017.E28635.ATTAA011.PDF

Annex B Basis of Payment Schedule A is referenced in ATTA001, 0008, 0010 and 0011. Please clarify if Annex B Basis of Payment Schedule A to be completed are two (2) forms returned (1) (JTAC VTS) Acquisition Pricing and (2) JTAC VTS In-Service Support and Repair and Overhaul (ISS R&O) Pricing.

Answer 67:

Annex B Basis of Payment Schedule A will be completed by Canada.

Question 68:

Reference:

ABES.PROD.PW__QT.B017.E28635.ATTAA001.PDF
ABES.PROD.PW__QT.B017.E28635.ATTAA008.PDF
ABES.PROD.PW__QT.B017.E28635.ATTAA010.PDF
ABES.PROD.PW__QT.B017.E28635.ATTAA011.PDF

In ANNEX B, SCHEDULE A, BASIS OF PAYMENT Schedule A, SECTION 2.2, states that "Currency- All prices provided in Schedule A, Joint Terminal Attack Controller Virtual Training System (JTAC VTS) Acquisition Pricing, are provided in the following currency: To be entered by Canada." Please clarify "To be entered by Canada."

Answer 68:

Canada will insert the appropriate currency at contract award.

Question 69:

Reference:

revised_004_english_attachment_3_-_pricing_tables.xlsx
ABES.PROD.PW__QT.B017.E28635.ATTA001.PDF
ABES.PROD.PW__QT.B017.E28635.ATTA008.PDF
ABES.PROD.PW__QT.B017.E28635.ATTA010.PDF

The pricing table tab "Acquisition" states "The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, DDP destination, Canadian customs duties and excise taxes excluded." In Annex B, BASIS OF PAYMENT, SCHEDULE A (JTAC VTS, In-Service Support and Repair and Overhaul (ISS R&O) Pricing, SECTION 2-1, "General – Shipment terms are Delivered Duty Paid (DDP), customs duties are included and Goods and Services Tax (GST) or Harmonized Sales Tax (HST), if applicable, is extra. In the event of a discrepancy between the monthly fee unit and the total annual fee prices, the monthly fee unit prices will apply."

Please clarify if GST and HST taxes are not to be reflected in the pricing tables, but hold the contractor responsible in Annex B, Schedule A, BASIS OF PAYMENT.

Answer 69:

Annex B, Basis of Payment Schedule A will be completed by Canada.

Taxes are not evaluated and as such, are not to be reflected in the pricing tables. Applicable taxes will be determined at contract award.

Question 70:

Reference:

ABES.PROD.PW__QT.B017.E28635.ATTA001
JFS ESC AP MOA 2004-01

Document ABES.PROD.PW__QT.B017.E28635.ATTA001 references Table B.3.6 in JFS ESC AP MOA 2004-01. That is a reference to a table number in a version of the MOA that is older than the one provided as an attachment. The MOA was provided as attachment ABES.PROD.PW__QT.B017.E28635.ATTA012. It is version 4 March 2021 Change 2 (16 February 2022). Table B.3.6 is found in version 1 Dec 2017. The equivalent table is C.2 in the provided MOA.

- a) Please clarify that references to JTAC MOA Table B.3.6 are superseded by Table C.2 in the provided MOA.

This is an extension to the previous question. Table C.2 in the provided and latest JTAC MOA does not list distance numbers under Table C.2 item 1.5.5. This looks to be an oversight in the JTAC MOA. The related distance numbers are stated in the accreditation application Appendix B

Enclosure 8 SIM-VE Self-Assessment Checklist. This document has the following distances in item 11 that must be met for accreditation.

11. Are aircraft models constructed with sufficient detail (size, shape, scale) to facilitate detection and identification while in flight (daytime)? Aircraft model requirements for day visual unaided acquisition:

- Detectable @ 4 nautical miles (I see something in the air)
- Determine direction of aircraft flight @ 4 nautical miles (I see an aircraft flying north to south)
- Able to identify aircraft @ 2 nautical miles (I see an F-18 flying east to west at 4-6000 ft.)

The distance numbers in Table C.2 item 1.5.4 which are related to ground entities were reduced from the distances in the older MOA Table B.3.6. The JTC TRS requirements in section A1.11.23 use the new numbers from Table C.2. The aircraft requirements A1.11.24.2, A1.11.24.3, and A1.11.24.4 use the distance numbers from the older MOA Table B.3.6:

Day Visual Unaided.

- Detectable @ 6 nautical miles.
- Determine direction of aircraft flight @ 6 nautical miles.
- Identifiable aircraft @ 4 nautical miles.

The mandatory distance requirements for aircraft detection, determining direction and ability to identify for the required Canadian JTC VTS system are greater than required for accreditation. It appears the numbers used for the requirements are based off an older accreditation standard.

- b) Please confirm that mandatory requirements related to aircraft detection, determining direction, and identifying minimum distances are meant to be greater than the distances required for accreditation.
- c) Please confirm that mandatory requirement related to aircraft detection A1.11.24.2 requires a distance minimum of six nautical miles and not four nautical miles.
- d) Please confirm that mandatory requirement related to aircraft direction determination A1.11.24.3 requires a distance minimum of six nautical miles and not four nautical miles.
- e) Please confirm that mandatory requirement related to aircraft identification A1.11.24.4 requires a distance minimum of four nautical miles and not two nautical miles.
- f) If the required minimum distances are changed to reflect the accreditation distance, please confirm that the values called out in ART8 are to match the new values in A1.11.24.2 and A1.11.24.3 accordingly.
- g) If the required minimum distances are changed to reflect the accreditation distance, please confirm that the values called out in ART9 are to match the new value in A1.11.24.4 accordingly.

Answer 70:

Please refer to the current JTAC MOA dated Oct 2020.

Question 71:

Please confirm DND-Canada must remove the legacy static and portable IFFS system(s) currently installed prior to the installation of systems being procured under the subject Solicitation.

Answer 71:

Any existing infrastructure will be removed by the crown prior to the installation of the JTAC VTS solution.

Question 72:

Reference: Attachment 2 Rated Criteria (ART1 and ART2)

The Rating Method for these requirements specifies Documentary that provides "evidence of a minimum of 2 projects....." Can you please explain what you consider to be adequate evidence for our projects for the rating criteria?

Answer 72:

The Bidder must provide examples of successful completed projects on either a similar or larger scope or size.

Question 73:

Reference: Attachment 1 - Mandatory Requirements (AMT2, AMT4, AMT5, ISSMT2, ISSMT6, ISSMT7, ISSMT8)

These mandatory requirements state that Bidder Substantiation needs to be a "Compliance statement: Bidder states that their proposed JTAC-VTS solution satisfies this requirement."

Is Canada looking for just a statement in the matrix that we will meet it, or a compliance letter that simply states that we will meet the requirement or are you expecting the bidders to provide some background on how we will meet it along with the statement?

Answer 73:

Bidders must demonstrate and provide details of how they have met previous requirements and how they will meet this requirement.

Question 74:

We would like to confirm that the Joint Terminal Attack Controller Virtual Training System (JTAC VTS) opportunity in Buy and Sell is an RFP? It reads as an RFP and just want to ask as we are very interested but would require an extension past 8 June. If it is an RFI then we are ok and certainly can get a response in and participate.

Answer 74:

Yes, the solicitation currently published on [Buyandsell.gc.ca](https://buyandsell.gc.ca) is a Request for Proposal (RFP).

Per response # 85 below, the RFP closing date has been extended to June 20, 2022.

Question 75:

Please confirm if any or all of the RFP Bid Submission must/should be translated as proof of compliance.

Answer 75:

Bid proposals are acceptable in either of Canada's Official languages. Bidders may submit their bid response in either English or French.

Question 76:

Would the Customer be open to a proposal which has a simplified alternate approach to the Design Review process (PDR, CDR, etc.), as well as, simplifying the ILS related LSA tasks, CDRLS/DIDs, etc. which would still provide all the key/necessary information required to meet the Customer requirements utilizing read across with evidence from existing systems?

Answer 76:

The information provided must be compliant with the applicable DID's and can be in the Vendors format.

Question 77:

Can the Customer please confirm the alignment of the DID identification numbers?

Answer 77:

That is an error and will be corrected by DND in the final contracting documentation prior to contract award.

Question 78:

Please Clarify the Quantities and Types (static or portable) of sims required for the costed options.

Answer 78:

DND requires a costed solution for a minimum of 1 static and an option for an additional 3 systems IAW Table 2- Joint Terminal Attack Controller Virtual Training System (JTAC VTS) Optional Acquisition Requirements Pricing. This table will be updated prior to contract award.

Question 79:

Data required for modelling purposes

For the spares analysis/recommendation.

Please confirm the number of Transportable SIMS (SIM-T) to be modelled and which location the SIM-T's will be based.

Answer 79:

IAW Table 2- Joint Terminal Attack Controller Virtual Training System (JTAC VTS) Optional Acquisition Requirements Pricing. DND will determine the point of delivery when and if the options are exercised.

Question 80:

The RFP states that the requirements for the portable sim can be found in Annex A, however Annex A only details the static sim and remains silent on the portable.

Can DND please advise the precise requirements of the portable simulator?

Answer 80:

The portable system must meet the same requirements as the static.

Question 81:

Missing data on the required pricing and payment information relating to the ISS contract

Can the DND please advise the required pricing breakdown covering the ISS contract

Answer 81:

Pricing breakdown covering the ISS contract was updated via solicitation amendment 003, answer 3; the updated Basis of Payment for the ISS contract is located under solicitation attachment 011 below.

[ABES.PROD.PW_QT.B017.E28635.ATT011.PDF](#)

Reminder: Bidder must input all pricing in the excel spreadsheet labelled attachment 3 – pricing tables under the respective tabs.

Question 82:

The DID identification numbers are not consistent and would cause confusion in the In-Service Support Phase of the contract.

Can the Customer please confirm the alignment of the DID identification numbers?

Answer 82:

The misalignment of the DID identification numbers will be updated in the Contract documentation prior to contract award.

Question 83:

Reference: Volume 1, Annex A, Appendix 1: JTAC VTS Technical Specification (Para A.1.2.3 Revision History -Item

The Technical Specification para A.1.2.3 states “ The JTAC MOA 2004-01 identifies two different versions of the virtual trainers; a non-deployable static version that is used in a classroom setting, and a deployable version that can be used to enhance other forms of field training and exercises. This JTAC VTS SRS identifies the requirements for the static classroom version.” Revision History of the Technical specification, item 8, states: “Revised the technical specification to mitigate the cyber security requirements as well as removing the mobile training kit requirement, as its specifications were not clearly defined to be contracted.”

Therefore, the project phase that will be prices is related to the static version only which includes Non-Recurring Engineering (NRE) effort for the static classrooms.

The question is related to the portable/Deployable/Mobile version of the JTAC VTS, which will also require a NRE effort for design and development.

It is not feasible for a portable system to be designed and built to a static systems requirement, which we believe, is the reason the revision was made to the document.

Since the requirements are not specified in the technical documentation in the solicitation.

- a) How can that effort be addressed/priced in this proposal?
- b) When is that expected to happen?
- c) At what point would it be priced?

Answer 83:

The Functionality and performance for both Static and Portable Systems must be the identical.

- a) Pricing must be provided for evaluation purpose.
- b) As and when requested after contract award and there is no firm timeline at present, and
- c) Please refer to answer a.

Question 84:

Reference: Solicitation Amendment 005 (Answer 51)

Answer 51, items e) and f) state: "See definition of portable systems as defined in ISO 9001." Since ISO 9001 is an International Quality Standard, we do not see a requirement that specifies the portability definition for a specific program.

Can you please provide a reference with that document that clarifies these requirements?

Answer 84:

There are no Canadian standards for lifting however, there is the Revised NIOSH Lifting equation that is still widely used as a standard for calculating the recommended weight limit for a two-handed lift.

The Revised NIOSH Lifting equation takes into account the weight of the item plus several other variables in lifting tasks that contribute to the risk of injury. For example, if the situation requires frequent lifts or lifting loads far away from the body, there is an increased risk of injury. Under these conditions, the weight limit would be reduced from a baseline weight or "load constant" (LC) to a recommended weight limit (RWL).

A "load constant" (LC) of 23 kg (about 51 lb) was established by NIOSH as a load that, under ideal conditions, is safe for 75% of females and 90% of males.

In addition to the load constant, there are six variables that are considered in determining the recommended weight limit (RWL). They are:

- the horizontal distance (H) the load is lifted (distance of hands from midpoint between ankles),
- the starting height of the hands from the ground, (vertical location, V),
- the vertical distance of lifting (D),
- the time between lifts or frequency of lifting (F),
- the angle of the load in relation to the body (e.g., straight in front of you or off to the side, A), and
- the quality of the grasp or handhold based on the type of handles available (hand-to-load coupling, C).

Each of these variables is then assigned a numerical value (multiplier factor) from look-up charts. The NIOSH equation includes six multiplier factors to calculate the recommended weight limit (RWL):

$$RWL = LC \times HM \times VM \times DM \times FM \times AM \times CM$$

where LC is the load constant and other factors in the equation are:

- HM, the Horizontal Multiplier factor,
- VM, the Vertical Multiplier factor,
- DM, the Distance Multiplier factor,

- FM, the Frequency Multiplier factor,
- AM, the Asymmetric Multiplier factor, and
- CM, the Coupling Multiplier factor.

Once you calculate the RWL, you can figure out the Lifting Index (LI) to provide a relative estimate of the physical stress associated with a manual lifting job.

$LI = \text{Load weight} / \text{RWL}$

Pelican cases can come with a handle and wheels to pull or push the case. As the cases are generally large and sometimes awkward to carry, it may be beneficial to use a dolly or flat cart to help move the case. The use of hand carts to transport loads instead of carrying them saves workers a lot of effort. It decreases the risk of overexertion injury in jobs that include manual materials handling. For more information, please see CCOHS: Lifting, pushing, pulling. For considerations regarding handcarts specifically, please see: Pushing & Pulling - Handcarts: OSH Answers (ccohs.ca).

RESOURCES

Applications Manual for the Revised NIOSH Lifting Equation (cdc.gov)

A How-To Guide: The NIOSH Lifting Equation - VelocityEHS

A Step-by-Step Guide to the NIOSH Lifting Equation (ergo-plus.com)

Manual-Material-Lifting-WHSC-Resource-Line.aspx | Workers Health and Safety Centre

Ergonomic Guidelines for Manual Material Handling | CDC NIOSH

CCOHS RESOURCES

- Assessing Relevant Handling Factors
- Calculating Recommended Weight Limit (RWL)
- Pushing & Pulling - General
- Pushing & Pulling - Handcarts
- MMH - Team Handling

Question 85:

We request an extension to the proposal submittal to two weeks after responses to questions asked herein is received.

Answer 85:

Yes, the request to extend the bid solicitation closing date beyond June 8, 2022 has been accepted.

The new solicitation closing date is June 20, 2022. No further extension will be considered.

The Solicitation is hereby amended as follows:

1. On Page 1 of the solicitation:

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DELETE the following:

Solicitation Closes – L'invitation prend fin

At – à 02:00 PM

On – le 2022-06-08

INSERT the following in its place:

Solicitation Closes – L'invitation prend fin

At – à 02:00 PM

On – le 2022-06-20

Question 86:

Section 7.9.7.1.2 of Part 7 "Resulting Contracting Clauses", will Canada release the holdback on a monthly or quarterly basis once accepted by Canada?

Answer 86:

Canada will release the holdback once all deliverables have been received and accepted in accordance with Annex A – Acquisition - Statement of Work.

Question 87:

Section 7.15 Priority of Documents has "the general conditions 2030 (2020-05-28) General Conditions, Higher Complexity – Goods" higher on the list which is in conflict with the "supplemental general conditions 4006 (2010-08-16), Contractor to Own Intellectual Property Rights in Foreground Information", please have 4006 (2010-08-16), Contractor to Own Intellectual Property Rights in Foreground Information, above the 2030 (2020-05-28) General Conditions, Higher Complexity – Goods within the "Priority of Documents".

Answer 87:

On page 34 of the RFP, article 7.15 Priority of Documents, , **DELETE** in its entirety and **INSERT** the following:

7.15 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 supplemental general conditions 4001 (2015-04-01) Hardware Purchase Lease and Maintenance;
- c. the supplemental general conditions 4002 (2010-08-16), Software Development or Modification Services (as amended);
- d. the supplemental general conditions 4004 (2013-04-25) Maintenance and Support Services for Licensed Software;

- e. the supplemental general conditions 4006 (2010-08-16), Contractor to Own Intellectual Property Rights in Foreground Information;
- f. the supplemental general conditions 4010 (2012-07-16) Services – Higher Complexity
- g. the supplemental general conditions 4012 (2012-07-16) Goods – Higher Complexity
- h. the supplemental general conditions 4013 (2021-11-29), Compliance with on-site measures, standing orders, policies, and rules.
- i. the general conditions 2030 (2020-05-28) General Conditions, Higher Complexity – Goods;
- j. Annex A, Acquisition Statement of Work; and it's appendices;
 - i. A1.0 Appendix 1: JTAC VTS Technical Specifications
 - ii. A2.0 Appendix 2: Contract Data Requirements List
 - iii. A3.0 Appendix 3: Data Item Description
 - iv. A4.0 Appendix 4: Glossary
- k. Annex B, Basis of Payment
 - i. Appendix 1: Schedule A - Economic Price Adjustment
- l. Annex C, Security Requirements Check List;
- m. the signed DND 626 Form Task Authorizations (including all of its annexes, if any);
- n. the Contractor's bid dated _____, (to be inserted at contract award)

On page 13 of the RFP Vol. 2, article 8.15 Priority of Documents, **DELETE** in its entirety and **INSERT** the following:

8.15 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 supplemental general conditions 4002 (2010-08-16), Software Development or Modification Services (as amended);
- c. the supplemental general conditions 4004 (2013-04025), Maintenance and Support Services for Licensed Software;
- d. the supplemental general conditions 4006 (2010-08-16), Contractor to Own Intellectual Property Rights in Foreground Information;
- e. the supplemental general conditions 4010 (2012-07-16) Services – Higher Complexity;
- f. the supplemental general conditions 4012 (2012-07-16) Goods – Higher Complexity;
- g. the supplemental general conditions 4013 (2021-11-29), Compliance with on-site measures, standing orders, policies, and rules;
- h. the general conditions 2030 (2020-05-28) General Conditions, Higher Complexity – Goods;
- i. the general conditions 2035 (2021-12-02), Higher Complexity – Services;
- j. Annex A, Statement of Work including appendices;
 - i. A1.0 Appendix 1: List of Items to be Supported
 - ii. A2.0: Appendix 2: Contract Data Requirement List
 - iii. A3.0 Appendix 3: Data Item Description
 - iv. A4.0 Appendix 4: Glossary
 - v. Appendix 5: Logistics Statement of Work
- k. Annex B, Basis of Payment;

Solicitation No. - N° de l'invitation
W8486-228446/A
Client Ref. No. - N° de réf. du client
W8486-228446

Amd. No. - N° de la modif.
006
File No. - N° du dossier

Buyer ID - Id de l'acheteur
017QT
CCC No./N° CCC - FMS No./N° VME

- vi. Appendix 1 Economic Price Adjustment
- l. Annex C, Security Requirement Check List;
- m. the signed Task Authorizations (including all of its annexes, if any); and
- n. the Contractor's bid dated _____, (to be inserted at contract award).

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

Canadian Forces Materiel Change Notice

Avis de changement du matériel des Forces canadiennes

Part A - Data elements – Partie A - Éléments des données													
Contractor – Fournisseur		<div> <div> Serial number – Numéro de série </div> <div> Submitted by – Soumis par </div> </div>											
Equipment name – Désignation du matériel		<div> <div> Action required (check one only) Action requise (ne cocher qu'une case) </div> <div> <input type="checkbox"/> Delete existing item without replacement Rayer l'article en place sans le remplacer </div> <div> <input type="checkbox"/> Add new item Ajouter le nouvel article </div> <div> <input type="checkbox"/> Replace existing item with new item Remplacer l'article en place par le nouvel article </div> <div> <input type="checkbox"/> Amend existing item Modifier l'article en place </div> </div>						Approved/Rejected (NDHQ use only) Accepté/Refusé (réserve au QGDN)					
PWGSC contract – Contrat du TPSGC													
Requisition (NDHQ use only) – Demande (réserve au QGDN)													
Part B - Existing data – Partie B - Données initiales													
PPB item no. N° de l'EDA	IND	Item name basic Nom de base de l'article		Manufacturer's part number N° de pièce du fabricant				NCAGE COEEP	Contractor's part number N° de pièce du fournisseur				
	RAEC	NATO stock number N° de nomenclature OTAN	Qty/Assy No./Assem.	Qty/Eqpt No./Éqpt	Qty/Syst No./Syst.	Std unit price Prix unit.	UOI Cond.	REP	GSM AQ	PLT Délai	Circuit symbol Code de circuit	SL Durée stock	Use rate Taux d'util.
Part C - New data – Partie C - Données nouvelles													
PPB item no. N° de l'EDA	IND	Item name basic Nom de base de l'article		Manufacturer's part number N° de pièce du fabricant				NCAGE COEEP	Contractor's part number N° de pièce du fournisseur				
	RAEC	NATO stock number N° de nomenclature OTAN	Qty/Assy No./Assem.	Qty/Eqpt No./Éqpt	Qty/Syst No./Syst.	Std unit price Prix unit.	UOI Cond.	REP	GSM AQ	PLT Délai	Circuit symbol Code de circuit	SL Durée stock	Use rate Taux d'util.
Part D - Remarks – Partie D - Remarques													
Change authority – Document d'autorisation:													
Remarks – Remarques													