



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

Title - Sujet WEAPON OPTICS		
Solicitation No. - N° de l'invitation W6399-12DB84/A		Date 2012-09-19
Client Reference No. - N° de référence du client W6399-12DB84		
GETS Reference No. - N° de référence de SEAG PW-\$\$QD-011-23184		
File No. - N° de dossier 011qd.W6399-12DB84	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-10-10		Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>		
Address Enquiries to: - Adresser toutes questions à: Bailey, Pamela		Buyer Id - Id de l'acheteur 011qd
Telephone No. - N° de téléphone (819) 956-3470 ()		FAX No. - N° de FAX (819) 956-0767
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: 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

Defence Communications Division. (QD)
11 Laurier St./11, rue Laurier
Place du Portage, Phase III, 8C2
Gatineau, Québec K1A 0S5

Delivery Required - Livraison exigée See Herein	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	

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Solicitation No. - N° de l'invitation

W6399-12DB84/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

011qd

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

W6399-12DB84

File No. - N° du dossier

011qdW6399-12DB84

CCC No./N° CCC - FMS No/ N° VME

PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with the requirement.

2. Requirement

The Department of National Defence has a requirement for commercial off the shelf (COTS) Optical Sights (1-8X) as detailed in Annex A - Statement of Work and Annex B - Technical Specifications.

3. Debriefings

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

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the Standard Acquisition Clauses and Conditions (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) 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 (2012-07-11) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

1.1 SACC Manual Clauses

A9130T (2011-05-16) Controlled Goods Program

B1000T (2007-11-30) Condition of Material

2. Submission of Bids

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

3. Enquiries - Bid Solicitation

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

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

4. Applicable Laws

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

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

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

Section I: Technical Bid - 4 hard copies and 4 soft copies on CD:

Section II: Financial Bid - 1 hard copy;

Section III: Certifications - 2 hard copies.

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

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

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

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation;
- (c) firm unit prices, part numbers and descriptions for each item described under Annex D, Basis of Payment, Deliverables;
- (d) the certifications requested under Part 5 must be provided; and
- (e) the information under Part 6 "Resulting Contract Clauses" should be completed in the spaces provided, with a copy of those pages provided in the bid.

Mandatory Requirements

A mandatory requirement is identified specifically with the word "shall", "must", "will", "mandatory" or the phrase "Canada requires".

The proposal must fully demonstrate compliance with the mandatory requirements as stated in the Statement of Work and all the requirements of the Request for Proposal. The Evaluation Plan for the Optical Sight (1 - 8X) contained at Annex C must be completed. Bidder responses must also include the information required for each mandatory requirement in accordance with the method identified in the "Referred to in Proposal" column.

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 are encouraged to:

- 1) use paper containing fibre certified as originating from a sustainably-managed forest and/or 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

1. 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 and describe their approach 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.

2. The technical bid document must include the following elements:

(a) The proposed good and services must meet all mandatory requirements as stated in the Statements of Work, Annex A including its appendices.

(b) The proposal must fully demonstrate compliance with the mandatory requirements stated in Annex A, Statements of Work and Annex C- Evaluation Plan for the Optical Sight (1 - 8X) and all requirements of the Request for Proposal.

The Bidder shall also demonstrate how the requirement will be met, without cross reference to other statements in the Evaluation Plan Paragraphs, elements and subparagraphs that convey information rather than a requirement should be marked with "Noted and Understood".

(c) The bidder must include in their proposal a detailed description of how they will meet the requirements for Integrated Logistics Support as described at Annex A, paragraph 4.3 Integrated Logistics Support.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with Annex E, Financial Evaluation. Bidders must provide firm unit prices for the items listed at Annex D, Basis of Payment, Deliverables of this document. The total amount of Goods and Services Tax (GST) or Harmonized Sales Tax (HST) must be shown separately, if applicable.

1.1 SACC Manual Clauses

A0222T (2010-01-11) Evaluation of Price

C3011T (2010-01-11) Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

(a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.

(b) An evaluation team composed of representatives of Canada will evaluate the bids.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

Compliance with all the mandatory provisions of the bid solicitation, including all annexes and applicable terms and conditions will be verified. In the case where a mandatory item cannot be or is not complied with, the proposal will receive no further consideration.

1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, Delivery Duty Paid (DDP) Incoterms 2000 and the Goods and Services Tax or the Harmonized Sales tax excluded.

For the purposes of evaluation, pricing submitted in foreign currency will be converted to Canadian dollars based on the exchange rate quoted by the Bank of Canada as being in effect on the date of the bid closing. Unless otherwise stated by the bidder, it will be assumed the bid is submitted in Canadian currency.

2. Basis of Selection

1. To be declared responsive, a bid must:

- (a) comply with all requirements of the bid solicitation;
- (b) meet all mandatory technical evaluation criteria;

2. Bids not meeting (a) or (b) will be declared non-responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications 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. Certifications Required with the Bid

Bidders must submit the following duly completed certifications with their bid.

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

1.1 Bidders should provide, with their bids or promptly thereafter, a complete list of names of all individuals who are currently directors of the Bidder. If such a list has not been received by the time the evaluation of bids is completed, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Bidders must submit the list of directors before contract award, failure to provide such a list within the required time frame will render the bid non-responsive.

The Contracting Authority may, at any time, request that a Bidder provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form - PWGSC-TPSGC 229) for any or all individuals named in the aforementioned list within a specified delay. Failure to provide such Consent Forms within the delay will result in the bid being declared non-responsive.

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>

1.2 Federal Contractors Program - Certification

The Federal Contractors Program (FCP) requires that some suppliers, including a supplier who is a member of a joint venture, bidding for federal government contracts, valued at \$200,000 or more (including all applicable taxes), make a formal commitment to implement employment equity. This is a condition precedent to contract award. If the Bidder, or, if the Bidder is a joint venture and if any member of the joint venture, is subject to the FCP, evidence of its commitment must be provided before the award of the Contract.

Suppliers who have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive 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.

2. If the Bidder does not fall within the exceptions enumerated in 3.(a) or (b) below, or does not have a valid certificate number confirming its adherence to the FCP, the Bidder must fax (819-953-8768) a copy of the signed form LAB 1168, Certificate of Commitment to Implement Employment Equity, to the Labour Branch of HRSDC.

3. 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, and/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), in which case a duly signed certificate of commitment is attached;

D. () is subject to the FCP, and has a valid certificate number as follows: _____ (e.g. has not been declared an ineligible contractor by HRSDC).

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

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement associated with the requirement.

2. Requirement

The Contractor agrees to provide the goods and services to the Department of National Defence in accordance with Annex A, Statement of Work, and Annex B, Performance and Technical Specifications.

2.1 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annexes A and B of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option at any time before the expiry of the Contract by sending a written notice to the Contractor.

3. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the Standard Acquisition Clauses and Conditions (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

3.1 General Conditions

2010A (2012-07-16), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

4. Term of Contract

4.1 Delivery Date

All the deliverables must be received on or before 1 February 2013.

Delivery dates for optional items will be negotiated at the time of the amendment to exercise the option.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Pamela Bailey

E: pamela.bailey@pwgsc.gc.ca

Defence and Major Projects Sector (DMPS).

Public Works and Government Services Canada

Place du Portage, Phase III, 11, rue Laurier Street, Gatineau, QC K1A 0S5

Government of Canada

Phone 819 956 3470

Fax 819 956 0636

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 Technical Authority

The Technical Authority for the Contract will be identified upon Contract award.

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____-____-____

Facsimile: ____-____-____

E-mail: _____.

The Technical Authority named above 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.

5.3 Procurement Authority

The Procurement Authority for the Contract will be identified upon Contract award:

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____-____-____

Facsimile: ____-____-____

E-mail: _____.

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.

5.4 Contractor's Representative

The person responsible for General/Technical/Delivery enquiries

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____-____-____

Facsimile: ____-____-____

E-mail: _____.

6. Payment

6.1 Basis of Payment

The Contractor will be reimbursed for the performance of the Work in accordance with the Basis of Payment, Annex D. Customs duties are included and Goods and Services tax or harmonized Sales tax is extra, if applicable.

6.2 Method of Payment

H1001C (2008-05-12) Multiple Payments

6.3 SACC Manual Clauses

C2000C (2007-11-30) Taxes - Foreign-based Contractor

G1005C 2008-05-12 Insurance

7. Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

2. Invoices must be distributed as follows:

A. The original and one (1) copy must be forwarded to the following address for certification and payment.

The Department of National Defence Headquarters
Canadian Special Operations Forces Command (CANSOFCOM)
COS FD
101 Colonel By Drive
Ottawa, Ontario Canada
Attn: Alison Owen, CANSOFCOM Procurement
K1A 0K2

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

C. One (1) copy must be forwarded to the consignee.

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 _____.

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 and Annex D - Basis of Payment, Deliverables;
- (b) the 2003 (2012-07-11) Standard Instructions - Goods or Services - Competitive Requirements;
- (c) 2010A (2012-07-16) General Conditions - Goods (Medium Complexity)
- (d) Annex A, Statement of Work;
- (e) Annex B - Performance and Technical Specifications
- (f) Annex C - Evaluation Plan for the Optical Sight (1 - 8X)
- (g) Annex E - Financial Evaluation
- (h) the Contractor's bid dated _____ (insert date of bid) (If the bid was clarified or amended, insert at the time of contract award: ", as clarified on _____" or ", as amended on _____" and insert date(s) of clarification(s) or amendment(s))

11. Defence Contract

The Contract is a defence contract within the meaning of the Defence Production Act, R.S.C. 1985, c. D-1, and must be governed accordingly.

Title to the Work or to any materials, parts, work-in-process or finished work must belong to Canada free and clear of all claims, liens, attachments, charges or encumbrances. Canada is entitled, at any time, to remove, sell or dispose of the Work or any part of the Work in accordance with section 20 of the Defence Production Act.

12. Existing Technical Publications - Translation

The Contractor grants to Canada a non-exclusive, perpetual, irrevocable and royalty-free license to translate and reproduce for government use all or any part of the technical publications supplied with the equipment delivered under the Contract. Copyright in the translation made by Canada or by independent contractors engaged by Canada will belong to Canada.

13. SACC Manual Clauses

- A9131C (2011-05-16) Controlled Goods Program
- B4060C (2011-05-16) Controlled Goods
- D2025C (2008-12-12) Wood Packaging Materials
- D5328C (2007-11-30) Delivery, Inspection and Acceptance
- D5545C (2010-08-16) ISO 9001:2008-Quality Management Systems-Requirements (QAC C)
- D5605C (2010-01-11) Release Documents (DND) - United States-based Contractor
- D5606C (2007-11-30) Release Documents (DND) - Canadian-based Contractor
- D6010C (2007-11-30) Palletization
- D9002C (2007-11-30) Incomplete Assemblies

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14. Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered:

(a) Delivered Duty Paid (DDP) Incoterms 2000 for shipments from a commercial contractor.

15. Preparation for Delivery

The Contractor must prepare all items for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification D-LM-008-036/SF-000, Department of National Defence Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package all items in quantities of one (1) per package.

16. Consignee

Within 250 km of the National Capital Region, to be identified upon Contract award.

Annex D - BASIS OF PAYMENT

The Contractor will be paid the following firm unit or lot prices, Delivered Duty Paid (DDP) in Canada, Incoterms 2000, in _____ funds. The Harmonized Sales Tax is extra, if applicable.

Item	Description	Reference	Unit price
1	Optical Sight (1- 8X) System (Variant 1 - P4 Reticle)	SOW 3.1(a)	
2	Optical Sight (1- 8X) System (Variant 2 - H59 Reticle)	SOW 3.1(b)	
3	Technical Data Packages	SOW 3.2	
4	Manufacturers Recommended Spare Parts List	SOW 3.3	
5	Integrated Logistics Support	SOW 4.3	N/C
	Option items		
6	Optical Sight (1- 8X) System (Variant 1 - P4 Reticle)	Annex B	
7	Optical Sight (1- 8X) System (Variant 2 - H59 Reticle)	Annex B	
	Spares		
8	Spares package as per SOW 3.3 within 12 months of Contract award	SOW 3.3	
9	Spares package as per SOW 3.3 within 24 months of Contract award	SOW 3.3	

Annex E - FINANCIAL EVALUATION

1. The table in this annex are for financial evaluation purposes only.

The Bidder's are to quote firm unit prices for each item in accordance with the Statement of Work and Annex D, Basis of Payment, Delivery Duty Paid (DDP). The quotes shall be for the period of the Contract.

Item	Description	Reference.	Qty	Unit price	Ext price
1	Optical Sight (1- 8X) System (Variant 1 - P4 Reticle)	SOW 3.1 (a)	57		
2	Optical Sight (1- 8X) System (Variant 2 - H59 Reticle)	SOW 3.1 (b)	40		
3	Technical Data Packages	SOW 3.2	5		
4	Manufacturers Recommended Spare Parts List	SOW 3.3	1		
5	Integrated Logistics Support	SOW 4.3	1	N/C	N/C
	Option items				
6	Optical Sight (1- 8X) System (Variant 1 - P4 Reticle)	Annex B	up to 20		
7	Optical Sight (1- 8X) System (Variant 2 - H59 Reticle)	Annex B	up to 20		
	Spares				
8	Spares package as per SOW 3.3 within 12 months of Contract award	SOW 3.3	1 lot		
9	Spares package as per SOW 3.3 within 24 months of Contract award	SOW 3.3	1 lot		

TOTAL \$ _____

STATEMENT OF WORK FOR THE OPTICAL SIGHT (1-8X)

1.0 SCOPE

1.1 Purpose

This purpose of the Statement of Work (SOW) is to define the scope and requirements that apply to the delivery of a commercial off-the-shelf (COTS) Optical Sight (1-8X) to the Department of National Defence (DND).

1.2 Background

DND has a requirement for 1-8X variable magnification optical sights that have Mil-Radian elevation and windage adjustments to replace obsolete sights that are calibrated in Minute of Angle (MOA). The optical sights will be used in conjunction with various in-service weapons. This capability will be referred to in this SOW as the Optical Sight (1-8X) system.

2.0 APPLICABLE DOCUMENTS

2.1 Applicability

The following documents, definitions and acronyms form part of this SOW to the extent specified herein, and are supportive of this SOW when referenced in Section 3.0 and beyond. Any other documents are to be considered supplemental information only. Unless otherwise specified, the issue or amendments of documents effective for this contract shall be those in effect on the date of contract award. In the event of a conflict between the documents and the contents of this SOW, then the contents of this SOW shall take precedence.

- MILHDBK-61A Configuration Management Guidance (www.everyspec.com)

2.2 Definitions

H59 Reticle	An proprietary optical reticle designed by Horus Inc.
Level One Repair/Maintenance	Tasks that include operator actions and preventive maintenance such as servicing and cleaning as well as preliminary diagnosis of faults and corrective maintenance tasks of a minor nature. The term "minor nature" infers short duration and relatively simple repairs with no Special Tools and Test Equipment (STTE), and require no special facilities
OEM Level Repair	Any tasks required to bring an item to full serviceable condition. OEM repair will typically involve replacement/repair of internal components.
Overhaul	The restoration of an item to its original condition and near to its original life expectancy. It includes the replacement of worn, damaged or life expired parts, the incorporation of approved modifications and the rework of components as necessary and/or approved
P4 Reticle	An optical reticle designed on the principal that 1 Minute of Angle (MOA) is approximately one inch at 100 yards.
Repair	The identification and correction of those specific effects, which degrade the performance of an item, causing it to function below the specifications
Return Material Authorization	A number assigned by the Contractor that relates to the return for repair of a specific item and is used to track the item.
Serviceable Condition	The condition of an item which allows it to be used, shipped or held in stores without being subjected to any limitations (not applicable to new equipment)
Turn Around Time	The time from when a non-serviceable item arrives at the Contractor repair

	facility to when the repaired item departs the repair facility, en route to its destination
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2.3 Acronyms

AWR	Additional Work Request
CA	Contract Award
CM	Configuration Management
COTS	Commercial Off-The-Shelf
DND	Department of National Defense
ILS	Integrated Logistics Support
ISO	International Standards Organization
NATO	North Atlantic Treaties Organization
NSN	NATO Stock Number
OEM	Original Equipment Manufacturer
PA	Procurement Authority
QA	Quality Assurance
RMA	Return Material Authorization
SOW	Statement of Work
STTE	Special Tools and Test Equipment
TA	Technical Authority
TAT	Turn Around Time
TDP	Technical Data Package

3.0 **DELIVERABLES**

3.1 Optical Sight (1-8X) system

The specific deliverables for this SOW are as follows:

- (a) Fifty seven (57) Optical Sight (1-8X) systems (Variant 1 - P4 Reticle) as described in the system Performance and Technical Specifications (Annex B)
- (b) Forty (40) Optical Sight (1-8X) systems (Variant 2 - H59 Reticle) as described in the system Performance and Technical Specifications (Annex B)
- (c) A Technical Data Package (TDP) as detailed in Section 3.2;
- (d) A manufacturers recommended parts list as detailed in Section 3.3; and
- (e) Integrated Logistics Support as detailed in Section 4.3.

3.2 Technical Data Package (TDP)

The Contractor shall provide an initial TDP, in English, to DND as follows:

- (a) Five (5) hard copies and one (1) electronic copy (MS Word or PDF format) of the Operators Manual for each variant;
- (b) Five (5) hard copies and one (1) electronic copy (MS Word or PDF format) of the Maintenance/Repair Manual for each variant, which shall cover all first and second line repairs

including an illustrated parts list(s). The illustrated parts list(s) shall be in a top-down breakdown format and shall include:

- i. Parts descriptions;
 - ii. Manufacturer's part numbers;
 - iii. Source of supply; and
 - iv. NATO Stock Number (NSN) if available;
- (c) A system drawing(s) for both the Variant 1 and Variant 2 Optical Sight (1-8X) systems down to the component and sub-component level, unless directed otherwise, with sufficient detail to establish Nomenclature and NATO Stock Number (NSN) assignment (in PDF format) including:
- i. Item Name;
 - ii. NCage;
 - iii. Manufacturer Part Number (MPN);
 - iv. Price;
 - v. Volume;
 - vi. Weight; and
 - vii. Shelf Life (if applicable);
- (d) A list of all Special Tools and Test Equipment (STTE) required to operate and/or maintain the Optical Sight (1-8X) system (in electronic format, MS Word or MS Excel) including the following information for each item:
- i. Item Name;
 - ii. NCage;
 - iii. Manufacturer Part Number (MPN);
 - iv. Price;
 - v. Volume;
 - vi. Weight; and
 - vii. Shelf Life (if applicable).

3.3 Spares List

The Contractor shall provide a list of manufacturers recommended parts to support both Variant 1 and Variant 2 of the Optical Sight (1-8X) system for a period of three (3) years of use. The spares list shall be annotated with:

- (a) Manufacturer's part number;
- (b) NATO stock number (where available);
- (c) Proposed quantity; and
- (d) Unit price and extended price for each recommended spare item.

4.0 **REQUIREMENTS**

4.1 General

The purpose of this section is to detail the quality assurance and integrated logistics support requirements for delivery and in-service support of the Optical Sight (1-8X) system.

4.2 Quality Assurance Program

The Contractor shall establish, implement, document and maintain a quality system that ensures conformance to contractual requirements and meets the objectives of the ISO 9001 or equivalent quality system model during performance of this contract.

4.2.1 Quality Assurance (QA)

The Contractor shall conduct Quality Conformance Inspections and Tests during manufacture in accordance with the Contractor's standard acceptance test plan. Details of the test plan, and documentation of all inspections/tests, are to be provided to DND upon request. DND reserves the right to send a representative(s) to witness production acceptance testing for all Optical Sight (1-8X) systems (initial and optional deliveries). DND will provide a minimum three weeks' notice of an intended QA visit.

4.2.2 Testing

The Contractor shall make available (upon request) for DND's review, all previous and current test results concerning the performance, reliability, maintainability, availability, environments conditions and safety of the Optical Sight (1-8X) system.

4.2.3 Configuration Control

The Contractor shall have an established, DND verifiable, Configuration Management (CM) Program with control systems in place in accordance with MIL-HDBK-61A, and shall provide configuration identification, control and status accounting of all new and/or modified hardware, firmware, software and documentation. All Optical Sight (1-8X) systems delivered shall have the same product baseline and support interchangeability/interoperability of parts. The established product baseline shall be maintained during repair and any deviation from the baseline shall be approved in advance by the TA.

4.3 Integrated Logistics Support (ILS)

The ILS requirements for the Optical Sight (1-8X) system include warranty repair, technical support and TDP support.

4.3.1 Contractor/OEM Repair

The Contractor shall provide warranty on the complete Optical Sight (1-8X) system, including parts and labor, at no additional cost to DND IAW the Contractor's standard warranty provisions for a minimum of one (1) year after delivery. During the warranty period, the Contractor shall provide a new asset if a failed Optical Sight (1-8X) system cannot be repaired and returned to DND. All Optical Sight (1-8X) systems returned to the Contractor for repair shall have a Return Material Authorization (RMA) number assigned by the Contractor prior to commencement of work. The Contractor shall perform OEM level repair on the Optical Sight (1-8X) systems to equal or better than original performance parameters. The Contractor is not required to maintain a spares inventory specifically for DND; however, they shall maintain a spares supply chain that is compatible with the targeted turn-around time (TAT). The targeted TAT is sixty (60) calendar days after receipt of the delivery order. Where this target cannot be met, the Contractor shall immediately notify the PA of the delay and of any extenuating circumstances that would cause significant impediment to timely completion of the repair.

4.3.1.1 Transport Case Controls

For ease of accountability and control, Optical Sight (1-8X) systems that are returned to the Contractor for repair will be in the storage/transport case and will contain all of the documents and accessories that are packed in that case for its day-to-day use. The Contractor shall ensure that all accessories are returned with the Optical Sight (1-8X) systems. If the Contractor receives an Optical Sight (1-8X) system for repair and there are missing components, the Contractor is to inform the PA (in writing) noting the serial number of the Optical Sight (1-8X) system and detailing the missing components.

4.3.1.2 Contractor Supplied Parts

The Contractor shall be responsible to provide the repair parts required for warranty repairs, including the location of sources for the required parts. In the event that an original part is no longer available and the Contractor determines that a replacement part will serve with respect to fit, form, function and reasonable cost, then the use of that part shall be approved by the PA in advance of the repair. As a minimum, substituted parts shall:

- (a) Remain fully interchangeable (fit, form and function) with articles catalogued under the same reference number, part number and of the same modification status; and
- (b) Include similar internal characteristics such as waveforms and components layout in order to ensure full compatibility with automatic test equipment, software and automatic probing.

4.3.2 Technical Support

The Contractor shall provide technical support, during normal working hours (i.e., 0800-1700 at the Contractor's location), to the TA and designated users by telephone or E-mail during the warranty period. Response is required within a twenty-four (24) hour period.

4.3.3 Technical Data Package (TDP) Support

The Contractor shall produce and maintain the Optical Sight (1-8X) system TDP to the currently approved configuration and provide to the TA (when requested), at no additional cost to DND, updated versions of the operator and maintenance manuals, and all associated drawings for a three (3) year period after initial delivery. In the event of any changes to the equipment configuration, integrated logistic support and/or operating/maintenance procedures as a result of parts replacement or equipment update, the Contractor shall:

- (a) Inform the TA, in writing, of all of the necessary changes to the TDP; and
- (b) Receive approval from the TA prior to making any changes.

PERFORMANCE AND TECHNICAL SPECIFICATIONS FOR THE OPTICAL SIGHT (1-8X)

1.0 SCOPE

1.1 General

This specification outlines the operational Performance and technical requirements for the commercial off-the-shelf (COTS) Optical Sight (1-8X) system. All requirements are Mandatory.

2.0 APPLICABLE DOCUMENTS

2.1 Applicability

The following documents, definitions and acronyms form part of this specification to the extent specified herein, and are supportive of this specification when referenced in Section 3.0 and beyond. Any other documents are to be considered supplemental information only. Unless otherwise specified, the issue or amendments of documents effective for this contract shall be those in effect on the date of contract award. In the event of a conflict between the documents and the contents of this specification, then the contents of this specification shall take precedence.

- MIL-STD-1913 Military Standard Dimensioning of Accessory Mounting Rails for Small Arms Weapons (www.everyspec.com)
- MIL-STD-810F - Test Method Standard for Environmental Engineering Considerations and Laboratory Tests (www.everyspec.com)
- STANAG 2895 – Extreme climatic conditions and derived conditions for use in defining design/test criteria for NATO forces materiel (www.nato.int)
- MIL-DTL-44419A - Gloves, Men's and Women's. Intermediate Col/Wet (assist.deps.dlm.mil)
- MIL-HDBK-61A Configuration Management Guidance (<http://www.everyspec.com>)

2.2 Acronyms

ABCA	American, British, Canadian, Australian
COTS	Commercial Off-The-Shelf
MOA	Minute of Angle
NATO	North Atlantic Treaty Organization

3.0 REQUIREMENTS

3.1 Operational Performance Requirements

3.1.1 Proven Design

The Optical Sight (1-8X) system shall be of proven (tested) design and be in current production. This is taken to mean that it is currently in use with an ABCA member force.

3.1.2 Climatic Conditions

The Optical Sight (1-8X) system shall:

- (a) Provide the capability to operate under the climatic conditions A1, A2, B1 to B3, and C0, as described in MIL-STD-810F and STANAG 2895; and
- (b) Be waterproof to a minimum of 2.4 meters (8 feet) for a period of not less than one (1) hour.

3.1.3 Operating Parameters

The Optical Sight (1-8X) system shall:

- (a) Provide high visibility in both daylight and low light conditions (thirty (30) minutes prior to sunrise, thirty (30) minutes after sunset);
- (b) Have an infinitely variable magnification factor of 1 to 8 times nominal (+/- 10%);
- (c) Have an objective lens diameter of at least 24 mm (0.94 inches);
- (d) Operate in conjunction with a front mounted night vision or thermal clip-on device similar to the commercial of the shelf (COTS) Flir Universal Night Sight or HISS 150 Thermal Sight;
- (e) Have optical light transmission greater than 85%;
- (f) Have a field of view at 100 m (109 yards), on 1X magnification, of no less than 35 m (38 yards); and
- (g) Have an eyepiece and lens that do not fog or frost for temperatures ranging from -25 to +55 °C;

3.1.4 Weapon caliber compatibility

The Optical Sight (1-8X) system shall be compatible with all small arms weapon systems from 5.56mm caliber gas operated weapon up to an including 7.62mm caliber bolt action sniper rifles for shock and concussion.

3.2 Technical Requirements

3.2.1 Physical Features

The Optical Sight (1-8X) system shall integrate all support sub-systems into a SINGLE BODIED Optical Sight (1-8X) system to include:

- (a) Reticles in accordance with section 3.2.1.1; and
- (b) Elevation and windage adjustments in accordance with section 3.2.1.2.

3.2.1.1 Reticle

The Optical Sight (1-8X) system shall:

- (a) Have a reticle in the First Focal Plane (FFP), graduated in Mil-Radians, as follows:
 - i. Variant 1 - Schmidt and Bender P4 reticle, and
 - ii. Variant 2 - Horus model H59 reticle ;
- (b) Have a reticle pattern that magnifies at the same rate as the target image (First Focal Plane);
- (c) Have an illuminated aiming dot (i.e., Red Dot) in the second focal plane that is:
 - i. Illuminated;
 - ii. Visible throughout the magnification range; and
 - iii. Not larger than six (6) MOA at any magnification;
- (d) Be illuminated as follows:

- i. Have variable intensity to include settings for:
 - a. Off (including the illumination of the Red Dot);
 - b. Bright daylight;
 - c. Poor/low lighting conditions; and
 - d. For use with night vision goggles;
- ii. Illumination turret shall be self-locking, raised above the surface of the system body, and be arranged/sized to permit easy identification and manipulation in darkness wearing the Cold Wet Weather Glove (MIL-DTL-44419A); and
- iii. Be internally/self powered.

3.2.1.2 Elevation/Windage Adjustments

The Optical Sight (1-8X) system shall have elevation and windage adjustment turrets that are arranged/sized to permit easy identification and manipulation from the prone position without compromising the location or concealment of the operator as follows:

- (a) Turrets shall be raised above the surface of the system body and arranged/sized to permit easy identification and manipulation in darkness wearing the Cold Wet Weather Glove (MIL-DTL-44419A);
- (b) Turrets shall provide point of aim adjustment as follows:
 - i. Elevation - The elevation turret shall:
 - a. Be self-locking;
 - b. Rotate clockwise for adjusting from zero;
 - c. Be graduated in Mil-Radians with one (1) click equal to 1 cm (0.4 inches) at 100 meters (109 yards); and
 - d. Have a range of elevation of no less than 70 cm (27.5 inches) at 100 meters (109 yards);
 - ii. Windage - The windage turret shall:
 - a. Be self-locking;
 - b. Rotate clockwise for adjusting for a correction RIGHT;
 - c. Be graduated in Mil-Radians with one (1) click equal to 1 cm (0.4 inches) at 100 meters (109 yards); and
 - d. Have a range of adjustment no less than ± 50 cm (19.7 inches) at 100 meters (109 yards);

3.2.2 Batteries

The Optical Sight (1-8X) system shall utilize a button-cell type battery as follows:

- (a) Require a maximum of two (2) batteries; and
- (b) Have a minimum operational battery life of 1000 hours.

3.2.3 Mounting

The Optical Sight (1-8X) system shall be delivered without scope mounting rings for the rifle for the purpose of accuracy testing by the technician.

3.2.4 Size/Weight

The Optical Sight (1-8X) system shall:

- (a) Have an overall length of no more than 30 cm (11.8 in); and

- (b) Weigh no more than 0.7 kg (1.5 lbs) with a complete set of batteries installed (excluding the carrying case and accessories).
- (c) The tube diameter of the scope body shall be no less than 30mm. (A 30mm tube body diameter is to ensure adequate transmission of light as well as ensuring the turret will have an adequate range of travel for the operator to be able to engage targets from 100m to a min of 900m.)

3.2.5 Color

The Optical Sight (1-8X) system shall have a non-reflective outer surface (other than the lenses) that is dark brown or black in color.

3.2.6 Accessories

Each Optical Sight (1-8X) system shall include the following accessories:

- (a) Protective covers for the eyepiece and objective lens for protection against elements, dust and scratches similar to Butler Creek flip caps as follows:
 - i. The eye piece shall have a push button operated flip cap; and
 - ii. The objective lens shall have a flip cap;
- (b) One (1) battery in the Optical Sight and one (1) spare;
- (c) A lens cleaning kit;
- (d) An English-language abridged instruction booklet, made of a weatherproof material that contains illustrated operating, preventive and user maintenance and safety instructions; and
- (e) A reusable Transport Case of rigid design that protects the contents, including the Optical Sight (1-8X) and accessories noted above, from damage due to shifting or minor impact. The case may be constructed of rigid cardboard or plastic.

**EVALUATION PLAN
FOR THE
OPTICAL SIGHT (1-8X)**

Item #	Requirement	Proof of Compliance	Referred to in Proposal	Compliant (Y/N)
3.1.1	<u>Proven Design</u> The Optical Sight (1-8X) system shall be of proven (tested) design and be in current production. This is taken to mean that it is currently in use with an ABCA member force.	The Bidder shall provide details of contracts and/or customer references with the bid to demonstrate that they meet this requirement.		
3.1.2	<u>Climatic Conditions</u> The Optical Sight (1-8X) system shall: (a) Provide the capability to operate under the climatic conditions A1, A2, B1 to B3, and C0, as described in MIL-STD-810F and STANAG 2895; and (b) Be waterproof to a minimum of 2.4 meters (8 feet) for a period of not less than one (1) hour.	The Bidder shall provide results of MIL-STD-810F tests that demonstrate the operation of the Optical Sight (1-8X) system throughout the range of environmental conditions specified in Section 3.1.2 (a) and (b). Results may be from in-house tests or from a third party test facility.		
3.1.3	<u>Operating Parameters</u> The Optical Sight (1-8X) system shall: (a) Provide high visibility in both daylight and low light conditions; (b) Have an infinitely variable magnification factor of 1 to 8 times nominal (+/- 10%); (c) Have an objective lens diameter of at least 24 mm (0.94 inches); (d) Operate in conjunction with a front mounted night vision or thermal clip-on device similar to the commercial off the shelf (COTS) Flir Universal Night Sight or HISS 150 Thermal Sight;	(1) The Bidder shall provide written attestation, certified by a company Engineer, that the Optical Sight (1-8X) system will be/has been designed and constructed for use in both daylight and low light conditions. The Bidder shall provide: (2) A detailed set of engineering drawings; and (3) Results of performance tests (in-house or third party); that demonstrate compliance for all		

	<p>(e) Have optical light transmission greater than 85%; and</p> <p>(f) Have a field of view at 100 m (109 yards), on 1X magnification, of no less than 35 m (38 yards);</p> <p>(g) Have an eyepiece and lens that do not fog or frost for temperatures ranging from -25 to +55 °C;</p>	Operating Parameter requirements as specified in Section 3.1.3 (b) through (g) in its entirety.	
3.1.4	<p><u>Weapon caliber compatibility</u></p> <p>The Optical Sight (1-8X) system shall be compatible with all small arms weapons systems from 5.56mm caliber gas operated weapons up to and including 7.62 mm caliber bolt action sniper rifles for shock and concussion.</p>	The Bidder shall provide results of performance tests that confirms the compatibility of the Optical Sight (1-8X) system for shock and concussion are as specified in Section 3.1.4. Results may be from in-house tests or from a third party test facility.	
3.2.1	<p><u>Physical Features</u></p> <p>The Optical Sight (1-8X) system shall integrate all support sub-systems into a SINGLE BODIED Optical Sight (1-8X) system to include:</p> <p>(a) Reticles (as per below); and</p> <p>(b) Elevation and windage (as per below).</p>	<p>The Bidder shall provide:</p> <p>(1) A detailed set of engineering drawings; and</p> <p>(2) Technical specifications; that demonstrate compliance with the requirement for a SINGLE BODIED Optical Sight (1-8X) system.</p>	
3.2.1.1	<p><u>Reticule</u></p> <p>The Optical Sight (1-8X) system shall:</p> <p>(a) Have a reticle in the First Focal Plane (FFP), graduated in Mil-Radians, as follows:</p> <p>i. Variant 1 - Schmidt and Bender P4 reticle; and</p> <p>ii. Variant 2 - Horus model H59 reticle;</p> <p>(b) Have a reticle pattern that magnifies at the same rate as the target image (First Focal Plane);</p> <p>(c) Have an illuminated aiming dot (i.e., Red Dot) in the second focal plane that</p>	<p>(1) The Bidder shall provide technical specifications that demonstrate compliance for all of the Reticule requirements as listed in 3.2.1.1 (a) through (d).</p> <p>(2) The Bidder shall provide written attestation, certified by a company Engineer, that the Optical Sight (1-8X) system illumination turret will be/has been designed and constructed for manipulation as specified in Section 3.2.1.1 (d) in its entirety.</p>	

	<p>is:</p> <ul style="list-style-type: none"> i. Illuminated; ii. Visible throughout the magnification range; and iii. Not larger than six (6) MOA at any magnification; <p>(d) Be illuminated as follows:</p> <ul style="list-style-type: none"> i. Have variable intensity to include settings for: <ul style="list-style-type: none"> a. Off (including the illumination of the Red Dot); b. Bright daylight; c. Poor/low lighting conditions; and d. For use with night vision goggles; ii. Illumination turret shall be self-locking, raised above the surface of the system body, and be arranged/sized to permit easy identification and manipulation in darkness wearing the Cold Wet Weather Glove (MIL-DTL-44419A); and iii. Be internally/self powered. 		
3.2.1.2	<p><u>Elevation/Windage Adjustments</u></p> <p>The Optical Sight (1-8X) system shall have elevation and windage adjustment turrets that are arranged/sized to permit easy identification and manipulation from the prone position without compromising the location or concealment of the operator as follows:</p> <p>(a) Turrets shall be raised above the surface of the system body and arranged/sized to permit easy identification and manipulation in darkness wearing the Cold Wet Weather Glove (MIL-DTL-</p>	<p>(1) The Bidder shall provide written attestation certified by a company Engineer, that the Optical Sight (1-8X) system elevation and windage turrets will be/have been designed and constructed for manipulation as specified in Section 3.2.1.2 (a).</p> <p>The Bidder shall provide:</p> <p>(2) A detailed set of engineering drawings; and</p> <p>(3) Technical specifications;</p>	

	<p>(b) 44419A); Turrets shall provide point of aim adjustment as follows:</p> <p>i. Elevation - The elevation turret shall:</p> <ul style="list-style-type: none"> a. Be self-locking; b. Rotate clockwise for adjusting from zero; c. Be graduated in Mil-Radians with one (1) click equal to 1 cm (0.4 inches) at 100 meters (109 yards); d. Have a range of elevation of no less than 70 cm (27.5 inches) at 100 meters (109 yards); <p>ii. Windage - The windage turret shall:</p> <ul style="list-style-type: none"> a. Be self-locking; b. Rotate clockwise for adjusting for a correction RIGHT; c. Be graduated in Mil-Radians with one (1) click equal to 1 cm (0.4 inches) at 100 meters (109 yards); d. Have a range of adjustment no less than ± 50 cm (19.7 inches) at 100 meters (109 yards); 	that demonstrate compliance for each of the Elevation/Windage Adjustment requirements as listed in 3.2.1.2 and 3.2.1.2 (b).	
3.2.2	<p><u>Batteries</u> The Optical Sight (1-8X) system shall utilize a button-cell type battery as follows:</p> <p>(a) Require a maximum of two (2) batteries;</p>	(1) The Bidder shall provide written attestation, certified by a company Engineer, that the Optical Sight (1-8X) system batteries will be/has been	

	(b) and Have a minimum operational battery life of 1000 hours.	designed and constructed as specified in Section 3.2.2 and 3.2.2 (a). (2) The Bidder shall provide results of performance tests that confirm the operational battery life of the Optical Sight (1-8X) system is specified in Section 3.2.2 (b). Results may be from in-house tests or from a third party test facility.		
3.2.3	<u>Mounting</u> The Optical Sight (1-8X) system shall be delivered without scope mounting rings for the rifle for the purpose of accuracy testing by the technician.	The Bidder shall provide written attestation, certified by a company Engineer, that the Optical Sight (1-8X) will be/has been designed and constructed for mounting as specified in Section 3.2.3.		
3.2.4	<u>Size/Weight</u> The Optical Sight (1-8X) system shall: (a) Have an overall length of no more than 30 cm (11.8 in); (b) Weigh no more than 0.7 kg (1.5 lbs) with a complete set of batteries installed (excluding the carrying case and accessories). (c) The tube diameter shall be no less than 30mm; (A 30mm tube body diameter is to ensure adequate transmission of light as well as ensuring the turret will have an adequate range of travel for the operator to be able to engage targets from 100m to a min of 900m)	The Bidder shall provide written attestation, certified by a company Engineer, that the Optical Sight (1-8X) will be/has been designed and constructed with a size and weight as specified in Section 3.2.4 (a), (b) and (c).		
3.2.5	<u>Color</u> The Optical Sight (1-8X) system shall have a non-reflective outer surface (other than the	The Bidder shall provide written attestation, certified by a company Engineer, that the Optical Sight (1-8X)		

	lenses) that is dark brown or black in color.	will be/has been designed and constructed with a colour as specified in Section 3.2.5.		
3.2.6	<p>Accessories</p> <p>Each Optical Sight (1-8X) system shall include the following accessories:</p> <p>(a) Protective covers for the eyepiece and objective lens for protection against elements, dust and scratches similar to Butler Creek flip caps as follows:</p> <ol style="list-style-type: none"> The eye piece shall have a push button operated flip cap; and The objective lens shall have a flip cap; <p>(b) One (1) battery in the Optical Sight and one (1) spare;</p> <p>(c) A lens cleaning kit;</p> <p>(d) An English-language abridged instruction booklet, made of a weatherproof material that contains illustrated operating, preventive and user maintenance and safety instructions; and</p> <p>(e) A reusable Transport Case of rigid design that protects the contents, including the Optical Sight (1-8X) and accessories noted above, from damage due to shifting or minor impact. The case may be constructed of rigid cardboard or plastic.</p>	<p>The Bidder shall provide written attestation, certified by a company Engineer, that the Optical Sight (1-8X) will be provided with the accessories as specified in Section 3.2.6.</p>		