

**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

**LETTER OF INTEREST**  
**LETTRE D'INTÉRÊT**

Comments - Commentaires

Vendor/Firm Name and Address  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution  
Armoured Vehicles - Life Extension/Prolongation de vie,  
véhicules blindés  
11 Laurier St./11, rue Laurier  
Place du Portage Phase III 6C1  
Gatineau  
Québec  
K1A 0S5

<b>Title - Sujet</b> Repair and Overhaul - Turret	
<b>Solicitation No. - N° de l'invitation</b> W8486-096598/B	<b>Date</b> 2012-10-26
<b>Client Reference No. - N° de référence du client</b> W8486-096598	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$\$BL-273-23298
<b>File No. - N° de dossier</b> 273bl.W8486-096598	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2012-11-30</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST	
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Laprise, J-F	<b>Buyer Id - Id de l'acheteur</b> 273bl
<b>Telephone No. - N° de téléphone</b> (819) 956-0002 ( )	<b>FAX No. - N° de FAX</b> (819) 956-0648
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF NATIONAL DEFENCE 101 COLONEL BY DR. MGEN GEORGES R PEARKES BLDG. OTTAWA Ontario K1A0K2 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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

Solicitation No. - N° de l'invitation

W8486-096598/B

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

273bl

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

W8486-096598

File No. - N° du dossier

273blW8486-096598

CCC No./N° CCC - FMS No/ N° VME

---

Please see attached documents.

**LETTER OF INTEREST  
TANK REPLACEMENT PROJECT  
REPAIR & OVERHAUL OF LEOPARD 2 TURRET ELECTRO/OPTIC  
COMPONENTS**

**1. GENERAL**

- 1.1 The Department of National Defence has a requirement for the Repair, Repair and Overhaul (R&O) and Upgrade of Leopard 2 turret electro/optic components.

**2. BACKGROUND**

- 2.1 High usage rates and harsh conditions in which the Canadian Leopard Tanks were used have prompted the need for this requirement.

**3. PURPOSE OF LETTER OF INTEREST**

- 3.1 The purpose of this LOI is to communicate the Canadian Forces' requirements and solicit information and feedback from the industry regarding possible Repair and Repair & Overhaul (R&O) services. The information may be used to support Canada's decision-making process such as finalizing its requirement and determining its procurement strategy.
- 3.2 This is not a bid solicitation and no contract will result directly from this LOI.

**4. PROJECT SCOPE**

- 4.1 The interim high-level mandatory requirements are contained within Annex A. The Statement of Work (SOW) will be developed in due course based on an internal analysis of available information from various sources, including information received from industry.

**5. PROCUREMENT MILESTONES**

- 5.1 In providing responses the following schedule should be utilized as a baseline:

Milestones	Projected Timeline
LOI closing	November 2012
Request for Proposal release	January 2013
Request for Proposal closing	March 2013
Contract Award (CA)	July 2013

## **6. SECURITY**

- 6.1 Respondents are requested to indicate their ability, and that of any subcontractors, to accommodate personnel and facility security requirements, together with controlled goods restrictions (e.g. International Traffic in Arms Regulations (ITAR)), export licenses and 3rd party release requirements. Respondents are to clearly identify any implications that may affect delivery of the proposed project in accordance with the Industrial Security Program of Public Works and Government Services Canada (PWGSC) requirements.

## **7. REQUESTED INFORMATION**

- 7.1 Based on the requirements detailed in this document, the LOI seeks potential suppliers to provide the following information:
- 7.1.1 The respondent's interest and capability for the different aspects of the work addressed at Annex A. Respondents are invited to provide their comments and concerns on the technical aspect, feasibility and reasonability of the requirement. Respondents should feel free to add any other Electro/Optic sub-components that should be added, based on their repair experience. Respondents should explain their rationale for a change or addition to the requirement.
  - 7.1.2 The line items listed in Annex A are split into two categories: Repair and R&O. Respondents should validate them and recommend any changes, taking into consideration Mean-Time-Between-Failures (MTBF) and shelf life . Respondents should also provide the average and maximum labour hours for each item.
  - 7.1.3 In responding to this LOI, respondents should clearly identify their recommendations (Repair or R&O) for each item listed in Annex A.
  - 7.1.4 Respondents are requested to confirm if there are any IP rights associated with any line item. Respondents are requested to demonstrate if they either own the IP rights, have licensing agreements and/or working partnership with the Original Equipment Manufacturer (OEM)/licensed repair facility for all items listed in Annex A. Respondents are to clearly indicate if they are able to repair and R&O all line items listed in Annex A).
  - 7.1.5 Respondents are to clearly indicate if any of the items listed in Annex A are obsolete.
  - 7.1.6 Respondents should provide a statement of the delivery capability by indicating their best lead time for the repair and R&O of each item. Respondents should highlight any critical areas that will impact the lead time either positively or negatively.

- 7.1.7 Respondents are requested to indicate what would be the replacement cost for the line items listed.
- 7.1.8 Respondents are requested to provide information on any controlled goods restrictions (e.g. International Traffic in Arms Regulations (ITAR), Controlled Goods Regulations), export licenses, security and 3<sup>rd</sup> party release implications that may affect delivery of the solution, and constraints.
- 7.1.9 Respondents are requested to provide company point of contact for future communications.

## **8. NOTE TO POTENTIAL RESPONDENTS**

- 8.1 This is not a bid solicitation and no contract will result from it.
- 8.2 The Statement of Work (SOW) is currently being developed and is subject to change based on the evolution of the requirement, which may be as a result of information provided by industry.
- 8.3 Potential respondents are advised that any information submitted to Canada in response to this LOI may be used by Canada in the development of a competitive Request For Proposal (RFP).
- 8.4 The issuance of this LOI does not create an obligation for Canada to issue a draft or final Request For Proposal, and does not bind Canada legally or otherwise, to enter into any agreement or to accept or reject any suggestions.
- 8.5 Canada assumes no responsibility or obligation with respect to the cost of preparing a response to this LOI.
- 8.6 Participation in this LOI is not a condition or prerequisite for participation in any subsequent draft or final Request For Proposal (RFP). As a result of this LOI there will be no short listing of firms for the purposes of undertaking future work.
- 8.7 Respondents to this LOI should clearly identify all submitted information as to whether or not it must be considered as confidential and/or proprietary. Information provided in response to this LOI will be divulged only to government officials authorized to participate in this pre-procurement activity. However, respondents must be aware that aspects of their response may be used as a basis for modifying the draft documents, as any future procurement for this requirement is prepared.
- 8.8 PWGSC reserves the right to meet with industry concerning the feedback, suggestions or alternative approaches related to the project scope.

## **9. ENQUIRIES**

- 9.1 All enquiries, clarification requests and other communications related to this LOI must be directed exclusively to the point of contact named below.
- 9.2 Interested suppliers that intend to respond to this LOI are requested to advise PWGSC *by e-mail* so that questions and answers, clarification or changes may be promulgated if required.

## **10. CLOSING DATE**

- 10.1 Responses to this LOI are to be submitted to the point of contact identified below, on or before the close of business on 13 November 2012. You are requested to submit 5 paper copies and 5 electronic copies of your response to the point of contact.

## **11. CONTRACTING AUTHORITY**

- 11.1 The point of contact for this LOI is:

Jean-François Laprise  
Public Works and Government Services Canada  
Defence and Major Projects Sector  
Place du Portage, Phase III, Floor 6C1  
11 Laurier Street  
Gatineau, Quebec  
K1A 0S5

Tel.: (819) 956-0002  
Fax.: (819) 956-0648  
E-mail: jean-francois.laprise@tpsgc-pwgsc.gc.ca

## **12. ANNEX A**

Annex A is available upon request. Please communicate with the point of contact mentioned above.

Item	NSN	Description	NCAGE	QAC	DMC	Container	FY 12/13	Price	FY 13/14	Price	FY 14/15	Option 1 FY 15/16	Price	Option 2 FY 16/17	Price	Delivery
1	5895-12-383-7059	CONTROL PANEL-INDICATOR	C2883	Q	A		2		2			2		2		
2	1240-12-337-1422	PERI eyepiece Assy	C5393	C	F	8145-12-343-6658	2		2			2		2		
3	1240-12-337-4837	PERI R17 electronics Box	C5393	C	F	8145-12-311-0848	2		3			3		4		
4	1290-12-339-7600	Laser electronics	C5393	Q	F	8145-12-310-5435	2		3			3		3		
5	5855-12-304-1759	TI electronics (without bracket)	C5393	Q	F	8145-12-318-6838	1		2			2		2		
6	5855-12-336-1724	Thermal Imager (TI) base unit	C5393	Q	F	8145-12-198-2694	1		2			2		2		
7	1240-12-339-7038	Eye Piece Assy Gunner	D7177	Q	F	8145-12-300-7486	2		2			2		2		
8	1240-12-345-2796	Eye Piece Assy Gunner (with camera)	D7177	Q	F	8145-12-300-7486	2		2			2		2		
9	1240-12-339-5974	Deflection Assy, Fero Z18 A6	D0411	Q	F	8145-12-347-7318	1		1			1		1		
10	6110-12-383-6154	DISTRIBUTION BOX	D1871	Q	A		2		2			2		2		
11	1015-12-178-8283	Control Lamp test unit (brightness)	D2692	Q	D	8115-12-181-2885	2		2			2		2		
12	1015-12-321-0923	Operation stage switch box	D2692	C	D	8115-12-181-2883	1		2			2		2		
13	1015-12-339-6628	Gunner Control Box for EMES Flap	D2692	C	D	8115-12-181-2889	2		2			2		2		
14	1015-12-352-2447	Loader's control panel	D2692	Q	D	8115-12-181-2891	2		2			2		2		
15	1055-12-383-5211	LOADER'S CONTROL PANEL/STEUERGERAET, WAFFE	D2692	C	B		2		2			2		2		
16	1240-12-178-4322	Adjustment Assy (control unit PERI)	D2692	C	F		1		2			2		2		
17	5895-12-383-5327	INTERCONNECTING BOX	D2692	C	A		2		2			2		2		
18	5998-12-383-4078	ELECTRONIC COMPONENTS ASSEMBLY	D2692	Q	F		1		1			1		1		
19	5998-12-383-5572	ELECTRONIC COMPONENTS ASSEMBLY	D2692	Q	F		1		2			2		2		
20	6110-12-193-2264	Relay box for inverter	D2692	C	A		1		1			1		1		
21	6110-12-335-3355	Central Logic/Main Distribution (ZL-HV) (APL)	D2692	C	A		2		3			3		3		
22	6110-12-383-5735	DISTRIBUTION BOX	D2692	C	D		1		1			1		1		
23	6110-12-383-5736	PANEL-POWER DISTRIBUTION	D2692	Q	A		1		1			1		1		
24	6130-12-335-6125	Inverter TSG 140A2 400 Hz	D2692	C	F		2		2			2		2		
25	6130-12-383-5540	POWER SUPPLY	D2692	C	F		1		1			1		1		
26	6130-12-383-5541	POWER SUPPLY	D2692	Q	F		1		1			1		1		
27	1015-12-338-2934	Gunner's controllers	D3683	C	D		2		2			2		2		
28	1015-12-354-3718	Slab electronics (NLD)	D3683	Q	D		2		2			2		2		
29	1290-12-304-4286	Control box (cmdr)	D3683	Q	F		1		2			2		2		
30	1290-12-383-6289	OPERATIONS UNIT FIRE CONTROL EQUIPMENT	D3683	Q	F		2		2			2		2		
31	1290-12-383-6290	OPERATIONS UNIT FIRE CONTROL EQUIPMENT	D3683	Q	F		2		2			2		2		
32	5895-12-383-6846	AMPLIFIER-POWER SUPPLY	D3683	Q	A		2		2			2		2		
33	5895-12-383-7231	INTERCONNECTING BOX	D3683	Q	A		1		1			1		1		
34	5895-12-383-7271	INTERCONNECTING BOX	D3683	Q	A		2		3			3		3		
35	5998-12-337-7591	Control electronics (NTA-EE)	D3683	Q	F		1		1			1		1		
36	6105-12-383-6770	MOTOR CONTROL	D3683	Q	A		2		2			2		2		
37	6105-12-383-6896	MOTOR CONTROL	D3683	Q	A		2		2			2		2		
38	6110-12-352-2571	Power Electronic (E-WNA-LE)	D3683	C	A		2		2			2		2		
39	6130-12-383-6743	POWER SUPPLY	D3683	Q	F		1		1			1		1		
40	6605-12-338-9435	LLN-GX Inertial Nav Unit	D4856	Q	F		3		3			3		3		
41	1015-12-339-6341	Gunner's control panel	D7177	Q	D		2		2			2		2		
42	1015-12-339-6342	RPP C.C.Control Box	D7177	Q	D		2		2			2		2		
43	1015-12-352-2446	RPP-Computer controller test center	D7177	Q	D		3		3			3		3		
44	1220-12-304-0195	COMPUTER BALLISTICS	D7177	Q	F	8145-12-306-9515	2		2			2		2		
45	1220-12-358-9906	Fire Control Computer (FCC)	D7177	Q	F		3		4			4		4		
46	5820-12-337-0015	Camera in Gunner eye piece Assy	D7177	C	F		2		2			2		2		
47	5820-12-337-0016	Monitor	D7177	C	F		2		2			2		2		
48	5855-12-337-2743	TIM sensor electronic unit	D7177	C	F		2		2			2		2		
49	5855-12-337-2744	TIM sensor unit	D7177	C	F		2		2			2		2		
50	6605-12-342-4335	Control and display panel	D7177	Q	F		2		2			2		2		
51	6130-12-300-4810	400HZ INVERTER (Critical Spares)	C6115	Q	F		2		3			2		3		





Item	NSN	Description	NCAGE	QAC	DMC	Container	FY 12/13	Price	FY 13/14	Price	FY 14/15	Option 1 FY 15/16	Price	Option 2 FY 16/17	Price	Delivery
1	5977-12-383-7761	RING ASSEMBLY ELECTRICAL CONTACT	C2773	Q	D		1		1		1	1		2		
2	1240-12-307-5001	PERI R17 A1 with Container (Sight Alone 1240-12-194-1382)	C5393	Q	F	8145-12-199-3004	2		2		2	2		2		
3	1240-12-337-4842	Periscope Sub-Assembly	C5393	Q	F	8115-12-181-2887	2		2		2	2		2		
4	1240-12-352-2569	Fero Z18 A6	D0411	Q	F	8145-12-310-9679	1		2		2	2		2		
5	1015-12-339-0695	Slip ring column (RBJ)	D2692	C	D		2		2		2	2		2		
6	1240-12-303-7985	EMES 15 Main Exit Sight Head	D3683	C	F		2		2		2	2		2		
7	1290-12-338-2352	Grip Assy	D3683	C	F		1		1		1	1		1		
8	6105-12-344-1962	Driving motor azimuth	D3683	C	D		1		2		2	2		2		
9	6105-12-344-2074	Emergency Drive (motor)	D3683	Q	A		1		1		1	1		1		
10	6105-12-353-0877	Driving motor elevation	D3683	C	A		2		2		2	2		2		
11	6625-12-352-2460	Acceleration Sensor (On Barrel)	D3683	C	A		1		1		1	1		1		
12	1240-12-342-3088	Peri Assy	D7177	Q	F		2		2		2	2		2		
13	1015-12-180-0343	GUNNER'S CONTROLLER (Critical Spares)	D3683	C	D	8145-12-307-3182	2		3		3	2		2		
14	1015-12-195-1722	COMMANDER'S CONTROLLER (Critical Spares)	D7177	C	D	8145-12-306-9517	1		1		1	1		1		
15	1240-12-300-6524	FERO Z18 AGM (with Container 1240-12-178-3177)	D0411	C	F		1		2		2	2		2		
16	1240-12-178-3177	TELESCOPE ARTICULATED	D0411	C	F		1		2		2	2		2		
17	1240-12-339-6772	Wiper Assy	C5393	C	F	8115-12-181-2887	3		3		3	3		3		
18	2510-12-343-9666	Window, head Assy	C5393	Q	A	8115-12-181-2888	2		3		3	3		3		
19	2540-12-344-4030	Wiper drive unit	C5393	C	A		2		3		3	3		3		
20	1290-12-383-7278	ORIENTER SUBASSEMBLY, GYROSCOPIC	C6481	Q	F		2		2		2	2		2		
21	1290-12-383-7279	ORIENTER SUBASSEMBLY, GYROSCOPIC	C6481	Q	F		2		2		2	2		2		
22	5990-12-190-4859	Weapon Elevation resolver (Peri)	D2692	C	F		2		2		4	3		3		
23	5990-12-190-7928	Elevation resolver (STGH)	D2692	C	F		1		2		4	3		3		
24	5990-12-178-7835	EMES gun elev. Angle transmitter	D7177	C	F		2		2		4	3		3		
25	1015-12-180-0338	Gun gyro	D9444	C	D		3		2		4	3		3		
26	1015-12-180-0337	Turret Gyro (TUKR)	D9444	C	D		2		2		4	3		3		
27	1015-12-180-0336	Azimuth resolver	D2692	C	D		1		2		4	3		3		
28	5855-12-196-3256	THERMAL IMAGER BASE UNIT (Critical Spares)	C5393	C	F	8145-12-198-2694	2		3		3	3		3		
29	5855-12-304-9793	THERMAL IMAGER ELECTRONIC UNIT (Critical Spares)	C5393	Q	D		1		1		1	1		1		
30	1240-12-382-8338	PERI R17 AGM	C5393	Q	F	8145-12-318-6838	1		1		1	1		1		
31	6650-12-196-3630	OPTICAL COMPONENT ASSEMBLY	C5393	C	F		1		1		2	2		2		
32	1290-12-303-2346	Gyro Vertical sensor	D0408	Q	D		1		1		2	2		2		
33	1240-12-191-9506	EMES 15 + Laser	D7177	Q	F		1		2		2	2		2		