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Leopard 2 Family of Vehicles **Long Term Sustainment**

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Agenda

- Objective
- Discussion
- Optimized Sustainment Approach
- Strategy Realignment
- Procurement Strategy
- Value Proposition – Consideration



Objective

- To provide an update to industry concerning the provisioning of long term sustainment for Canada's Leopard 2 Family of Vehicles (FoV). Canada's intent is to realign strategies from an In-Service Support Concept Framework (ISSCF) to an Optimized Sustainment Approach (OSA).



Discussion

- The Department of National Defence (DND) is developing an OSA for the long term sustainment of Canada's Leopard 2 FoV. This tailored concept of support will identify the optimal solution for sustainment, with a focus on best value for Canada.



Optimized Sustainment Approach

- OSA is a more flexible support approach better suited for a legacy fleet
 - Focus on specific Industry strengths;
 - Retain in-house expertise where applicable; and
 - Shared responsibility between prime contractors and sub-contractors.



Optimized Sustainment Approach

- OSA is a low risk approach for the Leopard 2 FoV
 - Build a sound Life Cycle Cost (LCC) baseline;
 - Short contractual ramp-up time; and
 - Sound business case approach to long term sustainment of DND equipment.



Strategy Realignment

- The intent of the OSA for Canada's Leopard 2 FoV is to award multiple contracts to industry for the following requirements:
 - Provisioning of spare parts;
 - Repair & Overhaul (R&O) of components and assemblies;
 - Technical Investigation and Engineering Support (TIES); and
 - Field Service Representative (FSR) services.



Strategy Realignment

- DND's intent is to retain an in-house strategic capability, the following will be leveraged:
 - 202 Workshop Depot services (Montreal, Quebec); and
 - Leverage the support offered by both LEOBEN (Leopard 2 User Group) and NATO Support Agency.



Procurement of Spare Parts

- Source competitive requirements through the Government Electronic Tendering Service (GETS) for common spare parts (all variants);
 - Bundle spare parts requirements to minimize level of effort and reduce the number of contracts.
- Source non-competitive spare parts directly to the Original Equipment Manufacturers (OEMs) (IP rights); and
- Use of Standing Offers for spare parts procurements (reoccurring requirements).

Repair and Overhaul

- Award contracts for major components (Transmission, Engine, etc).
- Raise requirements for common components to all of Canada's Leopard 2 FoV (Leopard 2 A4 CAN, A4M CAN, A6M CAN, ARV and AEV) .
- Bundle requirements based on sub-systems (Chassis vs. Turret and Electrical vs. Mechanical).



Technical Investigation and Engineering Support

- Canada will raise various TIES requirements for the following:
 - Configuration Management;
 - Publications and Manuals;
 - Engineering Change Proposals (ECP);
 - Technical Data Packages;
 - Engineering Support; and
 - Modification and Prototyping.



Field Service Representatives

- Preventive Maintenance for the Leopard 2 FoV;
- Corrective Maintenance;
- Training Assistance;
- Installation of modifications and upgrades;
- Inspection and repair of accidental damage; and
- Logistic Support.



202 Workshop / Depot WD

- Pre-deployment preparations;
- Re-deployment Inspection, Repairs, and Paint Programs (IRPP);
- Fleet modifications / maintenance;
- Maintenance of the Leopard 2 reference fleet;
and
- Components R&O.

LEOBEN and NSPA

- LEOBEN
 - Canada is currently a full member of the Leopard 2 User Group (LEOBEN)
 - Common configuration management, technical logistic support & post design services.
- NATO Support Agency
 - Supply/Maintenance/Technical & Engineering support
 - Cooplog



Procurement Strategy

- Canada is currently engaging industry to obtain information concerning the following:
 - Intellectual Property Rights (IPR);
 - Rights of Use (RoU);
 - Commercial Agreements (Canadian and international);
 - Vendor Availability;
 - Supplier Capability;
 - Project Timelines; and
 - Value Proposition.



Value Proposition - Consideration

- Achieve improved economic outcomes for Canada in defence procurement.
 - Strategic investments in Canada;
 - Early engagement with industry to form partnerships;
 - Industrial and Technological Benefits (ITBs) and Key Industrial Capabilities (KICs); and
 - Commodity Analysis.



Questions?

