



National Defence

Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

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Proposal To: National Defence 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 and services listed herein and on any attached sheets at the price(s) set out therefore.

Proposition à : Défense nationale 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 et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indique(s).

Solicitation Closes – L'invitation prend fin

At – à: 2:00 PM EST – Eastern Daylight Time –
Heure d'été

On – le : 29 February 2024 – 29 février, 2024

Title/Titre Repair and Overhaul (R&O) Light Support Vehicle Wheeled (LSVW) Transmission with Torque Converter Réparation et révision (R&R) du Véhicule de soutien léger à roues Transmission avec le Convertisseur de Couple	Solicitation No – N° de l'invitation W8486-239062/A
Date of Solicitation – Date de l'invitation January 18 2024 – 18 janvier 2024	
Address Enquiries to – Adresser toutes questions à Contracting Authority: Name: Karen Poirier Directorate: DLP 5-2-3 National Defence Headquarters 101 Colonel By Dr. Ottawa, Ontario K1A 0K2	
Email – Courriel Karen.poirier@forces.gc.ca	
Destination Specified Herein Précisé dans les présentes	

Instructions:

Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions:

Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

Delivery required - Livraison exigée See Herein	Delivery offered - Livraison proposée
Vendor Name and Address - Raison sociale et adresse du fournisseur	
Name and title of person authorized to sign on behalf of vendor (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)	
Name/Nom _____	Title/Titre _____
Signature _____	Date _____

STATEMENT OF WORK

LSVW Transmission with Torque Converter Repair & Overhaul Using OEM and Non-OEM Parts

1 SCOPE

1.1 Objective.

1.1.1 The successful contractor must be required to carry out all necessary processes required to return quantity 40 LSVW transmissions to a fully serviceable condition, with 4 EA as BER.

1.1.1.1 Transmission NSN 2520-21-910-8777 Part No. 37178 NCAGE 35907

1.2 Background

1.2.1 The R&O of the LSVW transmission with torque converter must be completed at a CAF 4th Line or a commercial, due to resource issues the CAF preference to use a commercial facility, wherein referred to as the Contractor.

1.3 Terminology

CAF – Canadian Armed Forces

LSVW – Light Support Vehicle Wheeled

R&O – Repair and Overhaul

2 REFERENCE DOCUMENTS

2.1 C-30-230-000/MP-001 Book 2, Part 3 Transmission Assembly & Torque Converter

3 REQUIREMENTS

3.1 Scope of Work

3.1.1 The Contractor must replace those parts classified as mandatory and complete all necessary processes and testing required to return the LSVW Transmission with Torque Converters to a fully serviceable condition, in accordance with the tasks detailed in the SOW. Annex B LOGSOW describes the responsibilities of all parties involved in the R&O process and the documentation and records required to validate the work.

3.2 Tasks

3.2.1 The Contractor is responsible for all work related to the R&O services of the Transmission with Torque Converters including disassembly, cleaning, inspection, repairs, procurement of mandatory replacement parts, overhaul, reassembly, calibration, testing, packaging, and preparation for shipment in accordance with Para 2.1

3.2.2 The Contractor is responsible for procuring all mandatory replacement parts and material in support of the R&O services. The mandatory and **all replacement parts do not** have to be supplied by the OEM or their authorized distributors/dealers but in accordance with the most recent OEM drawings and /or specifications. All work must be performed in accordance with the specifications identified below:

NSN 2520-21-910-8777 Transmission Assemble ~ ZF Model4HP 220 W o r k against these items to be in accordance with DND Specification C-30-230-000/MP-001 Part 3.

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3.2.2.1 The mandatory replacement parts for the Transmission are at Para 6 of C-30-230-000/MP-001.

3.2.2.2 NSN 2520-12-337-3950 Torque Converter ZF. Part # 4168026316

3.2.2.3 The mandatory replacement parts for the Torque Converter are as follows:

#	Description	Part Number	Qty	
1	All Lock Nuts			
2	Seal	A0750110062	1	
3	Kick down cable	A5076206003	1	
4	Brake Disc	A1043330022	10	
5	Friction Disc	A1043230009	8	
6	Seal Rings	A0501306311	3	
7	Seal Rings	A0750113026	2	
8	O Ring	A0734313017	1	
9	O Ring	A0734313028	1	
10	Friction Disc	A1043330021	5	
11	Friction Disc	A1043217009	5	
12	O Ring	A0734313008	1	
13	O Ring	A0734313025	1	
14	Steel Washer Thrust	A1043330076	1	
15	Copper Washer	A1043330077	1	
16	Axle Bearing	A0750115151	3	
17	Axle Washer	A1043330080	1	
18	Axle Washer	A1043332027	2	
19	Seal Ring	A0750113017	2	
20	Thrust Washer	A1043332058	3	
21	Axle Bearing	A0750115150	5	
22	Axle Washer	A0301332025	4	
23	Axle Washer	A0635290026	2	
24	Axle Bearing	A0635302051	1	

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25	O Ring	A0734313027	1	
26	O Ring	A0734313006	1	
27	O Ring	A1043317001	1	
28	Brake Disc	A1043317040	5	
29	End Disk	A1043317061	1	
30	End Disk	A1043317062	1	
31	End Disk	A1043317063	1	
32	Seal Rings	A0750113021	2	
33	Friction Disc	A1043217015	5	
34	O Ring	A0734313006	1	
35	O Ring	A0734313027	1	
36	End Disk	A0301302037	1	
37	Friction Disc	A1043217009	5	
38	Brake Disc	A1043302021	10	
39	End Disk	A1043302108	1	
40	Thrust Washer	A0301314005	2	
41	Friction Disc	A1043202041	5	
42	Seal Ring	A0301302054	1	
43	O Ring	A0734313036	1	
44	O Ring	A0301302040	1	
45	O Ring	A0734313065	1	
46	Seal Ring	A0750113019	2	
47	O Ring	A0734313065	2	
48	O Ring	A0301302061	1	
49	O Ring	A0734313036	1	
50	Spring Disc	A1043330140	2	
51	Friction Disc	A1043202189	6	
52	Axle Washer	A0301332020	1	
53	Axle Bearing	A0750115149	1	

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54	Axle Bearing	A0750115377	1	
55	Thrust Washer	A0501311020	1	
56	Seal	A0750111254	1	
57	O Ring	A0734313061	1	
58	Gasket	A0634801308	1	
59	Gasket	A0750112009	1	
60	Gasket	A0730150199	2	
61	O Ring	A0734313066	1	
62	Needle Bearing	A0635303058	1	
63	Seal	A0750111204	1	
64	O Ring	A0734313097	1	
65	Gasket	A0750112012	1	
66	Axle Washer	A0301332025	1	
67	Ball Bearing	A0635330038	1	
68	Sealing Sleeve	A1043301514	1	
69	Sealing Sleeve	A0734317003	8	
70	Gasket	A0750112033	1	
71	Oil Filter Screen	A1043226035	1	
72	O Ring	A0734313110	1	
73	O Ring	A0734303041	1	
74	Gasket	A0634801308	1	
75	Gasket	A0634801055	3	

All the bearings, seals, lock up clutch plate, sprag assembly and converter hub, these parts **do not have to be OEM supplied.**

3.2.2.4 The contractor must maintain and provide a report every six months to the Technical Authority with the following information:

Work Order number.
Classification of failure
Normal Wear & Tear
Abnormal Condition

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4 **Disassembly Beyond Economic Repair (BER) and Disposal**

- 4.1 Items that have been approved by the TA to be BER are considered to remain the property of the Government of Canada. BER parts and assemblies in this contract must be disassembled, used when parts are found to be in serviceable condition, to repair items identified in the SOW. These parts can be used to substitute any of the mandatory replacement parts if they are serviceable.
- 4.2 In the event a part, sub-assembly, or full assembly is reported as BER, the Contractor must dispose all parts or assemblies. The disposal of all related items must be done in accordance with the applicable local regulations and the relevant applicable laws. The Contractor must provide a written notice of conformation or certificate of compliance once the disposal is completed.

5 **Reusable Containers and Alternative Packaging**

- 5.1 DND materiel (spares), subject to continuing repair and/or overhaul, are normally packed in reusable containers. These containers are to be inspected to insure they will hold pressure when assembled.
- 5.2 Where a Transmission has been provided without a container, the Contractor is to modify a wooden skid such that the repaired transmission is securely mounted in the upright position. The repaired transmission must have all openings sealed and the transmission covered with a protective material. The NSN for transmission w/o container is 2520-21-908-5298 when returned to the DND depot.

6 **Annex B and Contractor Supplier Accounts**

- 6.1 The majority of Annex B does not apply to this contract; however, Contractor Supply Accounts does.
- 6.2 To provide traceability of DND supplied material the Contractor must be registered with DND DRMIS system.
- 6.3 When a Prime Contractor is awarded a contract for the repair of DND materiel, a Storage Location (SLOC)/Repairable Materiel Account (RMA) code will be allocated to the Prime Contractor and represented within the DRMIS system by a three Alpha SLOC character format followed by a Number "1" e.g., "WAL1". It must have a Serviceable and Non-Serviceable virtual Storage Location (SLOC).

7 **Corporate Profile**

- 7.1 The Contractor must have a total of at least three (3) years of directly related experience in the repair and testing of transmissions and torque converters in the last eight (8) years. Repair and Overhaul Manager (R&OM):

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8 Repair and Overhaul Manager (R &OM)

- 8.1 The Contractor must assign an R&OM for this R&O contract. The R&OM must have the responsibility and authority to all aspects of the work and be able to make decisions on behalf of the Contractor. The R&OM must be the main interface with DND.
- 8.2 The R&OM must have a minimum of three (3) continuous years of experience in the last eight (8) years in managing similar R&O activities as contained in this SOW and a minimum of one (1) continuous year of supervisory experience within the last five (5) years.
- 8.3 The Contractor must advise the TA and the PA of any changes in the assigned R&OM within 10 days of changes.
- 8.4 The contractor is to employ licensed lead mechanics and/or technicians with experience in the repair and overhaul of automotive components to complete the work of this contract.

9 DND and Contractor Quality Assurance

- 9.1 The Contractor repaired Transmissions with Torque Converters must meet the acceptance criteria as per C-30-230- 000/MP-001, Part 2
- 9.2 The Contractor is to prepare a Quality Control Plan in accordance with ISO 9001:2000 standards and NDQAR representative must review the plan and make any necessary suggestions to improve the output.
- 9.3 NDQAR must review the application of the Quality Control Plan for compliance.