

## **STATEMENT OF WORK – Appendix C Turbocharger**

### **1. SCOPE**

#### 1.1. Objective

The objective of this SOW is to describe the tasks necessary to return an LSVW engine turbocharger to a satisfactory operating condition.

#### 1.2 Background

The R&O of the LSVW engine turbocharger has to be completed at a CAF 4<sup>th</sup> 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

See Annex A

### **2. REFERENCE DOCUMENTS**

C-30-230-000/MP-001 Annex C to Part 2 Turbocharger.

### **3 REQUIREMENTS**

#### 3.1 Scope of Work

The Contractor must replace those parts classified and mandatory and complete all necessary processes and testing required to return the LSVW Engine Turbocharger to a fully serviceable condition, in accordance with the tasks detailed in the SOW. Annex D 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 all work related to the R&O services of the engine assembly including data preparation, maintenance of DND records, engineering and technical support, all materials and internal repair parts, disassembly, cleaning, inspection, repairs, overhaul, reassembly, calibration, testing, packaging and preparation for shipment.

Appendix C to Annex A - LSVW Engine Turbocharger  
W8486-218015/A - LSVW R&O Engine, fuel injector pump, & turbocharger

3.2.2 All work related to the engine turbocharger **must** be performed in accordance with the specifications identified below:

NSN 2910-12-331-9730 Fuel Injection Pump The work **must** be in accordance with DND Specification C-30-230-000/MP-001, Annex C of Part 2:

3.2.3 The mandatory and all replacement parts **must** be supplied by the OEM or their authorized distributors/dealers in accordance with the most recent OEM drawings and /or specifications:

- a) Borgwarner Turbo System 531 497 07004

3.2.4 A preservation of rebuilt LSVW Turbochargers shall be carried out IAW C-30-230-000/MP-001, Annex C to Part 2 - Section 10

3.2.5 The Contractor **must** forward to the Technical Authority, a monthly report for all Turbochargers rebuilt during the preceding month. The report **must** include the results from the testing conducted under C-30-230-000/MP-001, Annex C to Part 2 - Section 10

3.2.6 Substitution:

All parts **must** be supplied by the OEM or their authorized distributors/dealers in accordance with the most recent OEM drawings and /or specifications.

Any proposed amendment or change to the specification of the parts shall be authorized by the Technical Authority (TA), through the Contracting and Procurement authorities.

Any parts that are not OEM **must** be approved by the TA prior to their use and **must** be of the same form, fit, function and quality as the original OEM parts.

The Contractor **must** provide to the TA, any information needed to evaluate the proposed substitute parts, including but not limited to; technical data, drawings and specifications.

3.2.7 Disassembly Beyond Economic Repair (BER):

Items that have been approved by the TA to be BER are considered as Government Furnished Overhaul Spares (GFOS) and 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 as long as they are serviceable.

Appendix C to Annex A - LSVW Engine Turbocharger  
W8486-218015/A - LSVW R&O Engine, fuel injector pump, & turbocharger

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. For each items disposal, the Contractor must complete, sign and return to DND form DND 2586-E.

3.2.8 Repair and Overhaul Manager (R&OM):

The Contractor **must** assign an R&OM for this R&O contract. The R&OM **must** have the responsibility and authority to manage 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.

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.

The Contractor **must** advise the TA and the PA of any changes in the assigned R&OM within 10 days of changes.

3.2.9 Quality Assurance

The acceptance criteria is as per C-30-230-000/MP-001, Part 2 Annex C

Appendix C to Annex A - LSVW Engine Turbocharger  
W8486-218015/A - LSVW R&O Engine, fuel injector pump, & turbocharger

