

TECHNICAL SPECIFICATIONS FOR REMANUFACTURED AND OVERHAULED ENGINES

1. SCOPE

This contract shall include remanufactured engines, engine overhauls.

Remanufactured engine Option

The contract shall supply and install factory-remanufactured Cummins ISL 280HP GEN .04/EPA 07 and ISL 9 CM2250 engines over a (2) two-year period. The remanufactured engines shall have all recommended Cummins upgrades or modifications. (i.e., EGR Cooler, ECM downloads, etc.) The contractor shall be required to replace the DPF and DOC filters and auxiliary equipment before the engine is installed. Auxiliary equipment shall consist of a generator, air compressor, and starter.

Overhaul Engine Option

The contractor shall perform "In-frame Overhaul" on Cummins ISL 280HP GEN .04/EPA 07 and ISL 9 CM2250. Replacement of any engine parts must meet OEM standards /specs.

2. APPLICATION AND SIZE

The engine assembly shall be installed in RTA's 2008, 2010, and 2012 Orion and 2010 & 2012 New Flyer coaches and shall fit without any modifications.

3. PERFORMANCE

The specified engines shall perform to all Cummins OEM standards and specifications upon completion of installation.

4. QUALITY

Remanufactured Engine

The engine must be factory remanufactured and built to factory blueprint specifications using 100% new and remanufactured Cummins Genuine parts.

Only the original manufacturer's parts (OEM) will be allowed. No substitutions or modifications will be allowed or accepted.

OEM engine components parts that have been modified or misapplied, according to the OEM engine supplier's original design and intention, will not be allowed or accepted.

The engine shall be tested on a Dyno meter prior to being installed and painted Cummins red. A tag placed on the engine certifying it was Dyno tested and free of defects prior to vendor installing engine in bus is required.

Throughout the term of the contract Contractor must provide parts that have been identified as approved by the Regional Transit Authority.

Engine Overhaul

The engine must be overhauled according to factory specifications using 100% new and remanufactured Cummins Genuine parts and at minimum, test drive repair verification.

5. DOCUMENTATION

All bidders shall furnish the Regional Transit Authority with their bid, complete with descriptive literature covering and identifying the items to be supplied, including specification sheets and performance data.

Failure to submit the required information and to complete Attachment I correctly shall render a bid non-responsive and shall cause its rejection.

6. WARRANTY

Remanufactured Engine

The engine supplied shall be covered under the manufacturer's warranty and shall be a minimum of two (2) years/100,000 Miles, both Parts and Labor. Towing of any failed vehicle for engine repairs during the warranty period shall be at the cost of the vendor. Warranty repairs shall also be completed within ten (10) business days from the date of arrival at the vendor's shop.

Engine Overhaul

The in-frame overhaul warranty shall be a minimum of 1 year/50,000 mile parts and labor warranty for any defects or poor workmanship related to the overhaul.

7. DELIVERIES

All costs related to the shipping of the engine or related parts shall be the responsibility of the contractor and shall be incorporated in the quoted price of the assembly and installation.

RTA agrees to deliver and pick up buses from the Contractor place of business located within fifty (50) miles of the RTA's garage.

8. INSTALLATION

The contractor shall be given a two business days notice of RTA's intent to deliver a bus to the contractor's place of business for; engine replacement or overhaul.

Contractor agrees to complete engine installation in a first-class manner within ten (10) business days from delivery.

The contractor agrees to a daily demurrage charge of \$100 per day for each day beyond the ten (10) days that the bus is not ready for pickup by the RTA.

9. PRICING

Remanufactured engine Option

The price for the supplied specified item shall be fixed for the length of the contract period.

Total: _____

Engine Overhaul Option

The pricing for engine overhauls shall have a fixed labor rate price to remain the length of the contract period.

Total: _____