

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF REMANUFACTURED DIESEL ENGINES
FOR E-ONE FIRE APPARATUS TRUCKS

2. Bidder

Name of Bidder

Usual Business Name of Bidder as it appears on Invoice (if different from above)

Street

City

Province

Postal Code

Email Address of Bidder

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

GST Registration Number (if applicable)

The Bidder is:

(Choose one)

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent
the Bidder for purposes of the Bid.

Contact Person

Title

Telephone Number

Facsimile Number

Email Address

4. Definitions

All capitalized terms used in the Contract Documents shall have the
meanings ascribed to them in the General Conditions and D3.

5. Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out on Form B: Prices, appended hereto.

6. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a notice of award from the Award Authority authorizing the commencement of the Work.

7. Contract By submitting a bid in response to this Tender, the Bidder certifies that it has read, understands, and agrees to the terms and conditions of this Tender and that the Tender, in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

8. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.	_____	Dated	_____
	_____		_____
	_____		_____

9. Time This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

10. Indigenous Self-Declaration The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.

YES, 51% or more Indigenous ownership

NO, it is not

This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

11. Signatures

The Bidder or the Bidder's authorized official or officials have signed this

_____ day of _____, 20_____ .

Signature of Bidder or
Bidder's Authorized Official or Officials

(Print here name and official capacity of individual whose signature appears above)

(Print here name and official capacity of individual whose signature appears above)

FORM B: PRICES
(See B9)

SUPPLY AND DELIVERY OF REMANUFACTURED DIESEL ENGINES FOR E-ONE FIRE APPARATUS
TRUCKS

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Direct Fit Cummins Remanufactured Diesel Engines for E-One Fire Apparatus Trucks	20008	Each	4	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 2008
DIRECT FIT CUMMINS REMANUFACTURED DIESEL ENGINES FOR E-ONE FIRE APPARATUS
TRUCKS

1.0 DESCRIPTION OF EQUIPMENT/APPLICATION

- 1.1 These specifications describe **Direct Fit Cummins Remanufactured Diesel Engines** for four (4) 2008 E-One Typhoon fire apparatus that require engine replacements. The successful bidder is responsible for ensuring all engine requirements meet E-One engine standards and all applicable Canadian Safety Standards and (NFPA 1901) National Fire Protection Association Standard latest revisions
- 1.3 The replacement of all components shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated and attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.4 Bidders are encouraged to view a 2008 E-One Typhoon fire apparatus prior to submitting a bid. To make an appointment to view the units, contact the Contract Administrator in D4.

2.0 OTHER SPECIFICATIONS AND STANDARDS

- 2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 2.2 The **Direct Fit Cummins Remanufactured Diesel Engine for E-One Fire Apparatus** shall comply with the applicable regulations:

(NFPA 1901) National Fire Protection Association Standard latest revisions

Transport Canada, National Safety Mark, NSM:
<http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm>

Manitoba Safety and Health Regulation, Parts 12, 16, 22:
<http://web2.gov.mb.ca/laws/reg/current/217.06.pdf>

Canadian Motor Vehicle Safety Standards C.M.V.S.S.
http://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,_c._1038/section-sched3.html

PART B - Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker.
<http://web2.gov.mb.ca/laws/reg/index.php?act=h60>

Canadian Standards Association, CSA:
<http://www.csagroup.org/>

Under Writers of Canada, U/L:
<http://www.ulc.ca/>

Society of Automotive Engineers, SAE:
<http://www.sae.org/>

City of Winnipeg Lighting Visibility Standard:
<http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>.

- 2.3 In Canada, Modification to vehicles can only be done at facilities that are recognized by Transport Canada. All of these facilities must have a National Safety Mark from Transport Canada. Transport Canada National Safety Mark is a label that indicates that the modifications are compliant with all current Canadian Motor Vehicle Safety Standards (CMVSS).

STATE (NSM) # _____

- 2.4 It will be the responsibility of the Bidder to inform the City of any deficiencies in these specifications, for under this Contract the Contractor shall be held responsible for the design, performance, reliability and satisfactory operational function of the units.

3.0 SERVICE FACILITY

- 3.1 For the purpose of warranty repairs, the Bidder shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type equipment being offered. Further to 9.1, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

4.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 4.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.

- 4.2 All items in these specifications must be answered indicating compliance or non-compliance. **BIDDERS SHALL STATE "YES" FOR COMPLIANCE OR STATE DEVIATION**, or give reply where requested to do so. Deviations and/or equivalentents shall be clearly stated and fully detailed. Deviations and/or equivalentents will be considered subject to evaluation. In every instance where a brand name or design specification is used, the City will also consider deviations and/or equivalentents.

- 4.3 **EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID**

5.0 PERFORMANCE RELIABILITY

- 5.1 The responsibility for **Direct Fit Cummins Remanufactured Diesel Engine for E-One Fire Apparatus**, its performance and reliability shall rest upon the Contractor.

- 5.2 The term "repeated failures" as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, of assembly. Minor items or ordinary service adjustments are not included, or considered under the scope of "repeated failures", as well as other factors, such as operational damage due to accidents, misuse or lack of proper maintenance, service and lubrication attention by not following the manufacturer's preventative maintenance schedule.

- 5.3 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C)

6.0 QUALIFICATIONS OF CONTRACTOR

- 6.1 The Contractor of the **Direct Fit Cummins Remanufactured Diesel Engine for E-One Fire Apparatus** and all associated equipment shall have experience supplying **Direct Fit Cummins Remanufactured Diesel Engine for E-One Fire Apparatus**.

- 6.2 The success bidder shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.
- 6.3 The Contractor shall have experience servicing, repairing and maintaining **Direct Fit Cummins Remanufactured Diesel Engine for E-One Fire Apparatus** of the type being offered.

7.0 **SCOPE OF WORK: DIRECT FIT CUMMINS REMANUFACTURED DIESEL ENGINES**

7.1 The work consisting of Direct Fit Cummins Remanufactured Diesel Engines shall be supplied for the following vehicles: _____

2008 E-One Typhoon Fire Apparatus Trucks

Note: all trucks listed below are equipment with Cummins ISC 8.3 (330HP) 6-cylinder diesel engines

Unit number	Designation	VIN#	Cummins Engine Serial #
823-9976	E13	4ENRAAA8081003937	46873402 CPL2085
823-9977	E7	4ENRAAA8081003940	46875472 CPL2085
823-9980	E16	4ENRAAA8681003943	46875507 CPL2085
832-9883	E17	4ENRAAA8281003938	46873689 CPL2085

Direct Fit Cummins Remanufactured Diesel Engines

7.2 Remanufactured engines shall be a **direct fit genuine Cummins ReCon[®] ISC 8.3 (330HP) Diesel replacement engine** to the exact engine serial number specifications listed above. Direct fit is defined as: the engine comes complete and ready to be installed in the fire apparatus and does not require any conversions/alterations. _____

7.3 **Parts List for Diesel Particulate Filter (DPF) System:** The following parts are to be included with the Recon diesel engines. **Note: brand new genuine Cummins parts only.**

- 7.4 Air Compressor P/N 5301094RX _____
- 7.5 DPF Filter P/N 4969838 _____
- 7.6 DOC Module P/N 5287496RX _____
- 7.7 Gasket P/N 2871452 _____
- 7.8 V Clamp P/N 2871862 _____
- 7.9 Inlet Gasket DPF P/N 2866636 _____
- 7.10 DPF Intake Gasket P/N 2866337 _____
- 7.11 Temp Sensor 2 P/N 4902912 _____
- 7.12 Temp Sensor P/N 4921730 _____
- 7.13 Tube P/N 4965374 _____

- 7.14 Tube P/N 4969532 _____
- 7.15 Sensor P/N 4954574 _____
- 7.16 The remanufactured diesel engine shall meet all Canadian Safety Standards and NFPA 1901 standards applicable to this type of equipment. _____

8.0 **WARRANTY**

- 8.1 All warranty information be detailed and include all exclusions. The Contractor shall provide all published warranty information upon delivery of the equipment. Contractor shall **State:** all warranty information _____

9.0 **DELIVERY**

- 9.1 Delivery Point: The remanufactured engines shall be ready for installation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the **Winnipeg Fire Paramedic Service Training Academy 2546 McPhillips Street Winnipeg, Manitoba.** The Contractor shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order _____
- 9.2 Delivery Time: Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days. **State:** Earliest Delivery Date: _____
- 9.3 Delivery Contact: The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____
- 9.4 P.D.I: A pre-delivery inspection shall be performed by the Winnipeg Fire Paramedic Service on the Apparatus and equipment. _____