

FORM A: BID
(See B8)

1. Contract Title SUPPLY & DELIVERY OF USED LOCOMOTIVES

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 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 The Bidder agrees that the Bid Opportunity 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 thirty (30) Calendar Days following the Submission Deadline.

10. 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 & DELIVERY OF USED LOCOMOTIVES

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Used 60 Ton Switcher Locomotive	16018	Each	1	
2.	Used 45 Ton Switcher Locomotive	16025	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 16018

Used 60 Ton Switcher Locomotive

1.0 DESCRIPTION OF EQUIPMENT/APPLICATION

- 1.1 **Description-** These specifications describe Used Locomotives and other equipment and features as specified herein.
- 1.2 **Application/Primary Job Functions-** The used locomotives shall be used to transport cars, equipment, chemicals to the Deacon Water Treatment Plant and the Shoal Lake Aqueduct Intake. The estimate utilization shall be 1000-1200 hours per year.
- 1.3 The equipment 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 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 It will be the responsibility of the Bidder to inform the City of any errors or omissions in these specifications, for under this Contract the Contractor shall be held responsible for the satisfactory operational function of the equipment.

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 Used Locomotives shall comply with the applicable regulations for Yard Locomotives:
- National Safety Mark, NSM
 - Safety Regulations for Yard Locomotives
 - Manitoba Safety and Health Act, Parts 12, 22
 - Canadian Standards Association, CSA
 - Under Writers of Canada, U/L
 - Society of Automotive Engineers, SAE
 - City of Winnipeg Lighting Visibility
Standard=<http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>.
- 2.3 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 MAKE & MODEL

- 3.1 **State** make and model and year of the Used Locomotive being bid- _____
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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 shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.

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 **SPECIFICATIONS:**

ENGINE

- 5.1 Power 2 x 8.3L Cummings Diesel Electric, aspiration turbo charged _____
- 5.2 Engine RPM range: approx. 1,050 pound force-feet (1,424 N•m) @ 1,300 rpm, 260/250 horsepower (231 kW; 314 PS) electronically governed at 2,300 rpm _____
- 5.3 Air compressors: two (2) x two-stage industrial air compressors with 120 gallon tank, pressure delivery up to 175psi. _____
- 5.4 Traction motors: 1 per axle, each traction motor separately monitored with amp gauges on control panel. _____
- 5.5 Air reservoirs: two (2) certified 30 gallon tanks _____
- 5.6 Fuel tank: approx. 200 gallons. _____
- 5.7 Top Speed: approx. 32 mph (50 km/h) _____
- 5.8 Power output: approx. 510HP _____
- 5.9 Tractive effort: approx. 27,000 lbs. _____
- 5.10 Locomotive brake: 26L type _____
- 5.11 Train brake: 26L type _____
- 5.12 Tractive effort (brakes): approx. 34,000 lbs. _____
- 5.13 Draw bars: non stabilizing _____
- 5.14 Electronics: 12 volt and 60/72 DC volt systems//Air--- Electric tower reverse station _____
- 5.15 Horns and wipers: air powered _____
- 5.16 Batteries: **State-** _____

6.0 **WARRANTY**

- 6.1 All warranty information shall be detailed and include all exclusions. The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information. _____

7.0 **DELIVERY**

- 7.1 **Delivery Point:** The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the Water & Waste Department 598 Pliquet Winnipeg MB. _____

- 7.2 **Delivery Time:** Equipment shall arrive to the delivery point no later than June 30th, 2016. Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days. _____
- 7.3 **Delivery Contact:** The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____
- 7.4 **P.D.I:** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list _____
- 8.0 **MANUALS**
- 8.1 **MANUALS-** The bidder shall provide Parts, Engineman's and Electrical manuals for the locomotive being bid _____
- 8.2 **Manuals supplied under this Contract.** The manuals shall cover the complete equipment including all components thereof, CD is preferred where available. _____
- 8.3 The following manuals shall be supplied with the units when delivered:
- a) Operator's manual – Two (2) per unit (one operator manual shall be sent to the Equipment Operator Training Branch _____
- b) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs are preferred. _____

FORM N: DETAILED SPECIFICATIONS 16025

Used 45 Ton Switcher Locomotive

1.0 DESCRIPTION OF EQUIPMENT/APPLICATION

- 1.1 **Description-** These specifications describe Used Locomotives and other equipment and features as specified herein.
- 1.2 **Application/Primary Job Functions-** The used locomotives shall be used to transport cars, equipment, chemicals to the Deacon Water Treatment Plant and the Shoal Lake Aqueduct Intake. The estimate utilization shall be 1000-1200 hours per year.
- 1.3 The equipment 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 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 It will be the responsibility of the Bidder to inform the City of any errors or omissions in these specifications, for under this Contract the Contractor shall be held responsible for the satisfactory operational function of the equipment.

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 Used Locomotives shall comply with the applicable regulations:
- National Safety Mark, NSM
 - Manitoba Safety and Health Act, Parts 12, 22
 - Canadian Standards Association, CSA
 - Under Writers of Canada, U/L
 - Society of Automotive Engineers, SAE
 - City of Winnipeg Lighting Visibility
Standard=<http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>.
- 2.3 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 MAKE & MODEL

- 3.1 **State** make and model and year of the Used Locomotive being bid- _____

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 shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.

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 SPECIFICATIONS:

ENGINE

- 5.1 Power 2 x 8.3L Cummings Diesel Electric, aspiration turbo charged _____
- 5.2 Engine RPM range: approx. 1,050 pound force-feet (1,424 N•m) @ 1,300 rpm, 260/250 horsepower (231 kW; 314 PS) electronically governed at 2,300 rpm _____
- 5.3 Air compressors: two (2) x Cummings engine compressors _____
- 5.4 Traction motors: Two (2), one per truck. Chain or side rod drive to second axle on each truck _____
- 5.5 Air reservoirs: two (2) certified 30 gallon tanks _____
- 5.6 Fuel tank: approx. 100 gallons. _____
- 5.7 Top Speed: approx. 20 mph (32 km/h) _____
- 5.8 Power output: approx. 510HP _____
- 5.9 Tractive effort: approx. 27,000 lbs. _____
- 5.10 Locomotive brake: air _____
- 5.11 Tractive effort (brakes): approx. 29,000 lbs. _____
- 5.12 Draw bars: non stabilizing _____
- 5.13 Electronics: 12 volt and 38 volt systems//new EMD magnetic reverse station, new Hubbell Type 8 N/O power contactors and wire harness _____
- 5.14 Horns and wipers: air powered _____
- 5.15 Batteries: **State-** _____

6.0 WARRANTY

- 6.1 All warranty information shall be detailed and include all exclusions. The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information. _____

7.0 DELIVERY

- 7.1 **Delivery Point:** The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the Water & Waste Department 598 Pliquet Winnipeg MB. _____

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- 7.4 **P.D.I:** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list _____
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