

**FORM A: BID**  
(See B7)

1. Contract Title SUPPLY & DELIVERY OF A TIE CHANGER MACHINE

2. Bidder

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Street

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

\_\_\_\_\_  
Facsimile Number

(Mailing address if different)

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

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

\_\_\_\_\_  
E-Mail 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 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 sixty (60) Calendar Days following the Submission Deadline.

10. Signatures

In witness whereof 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 B8)

**SUPPLY & DELIVERY OF A TIE CHANGER MACHINE**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1.	Tie Changer Machine	<b>08033</b>	Each	(1)	\$ _____	\$ _____

TOTAL BID PRICE (GST and MRST extra) (in figures) \$ \_\_\_\_\_

(in words) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Name of Bidder

**FORM N: DETAILED SPECIFICATIONS 08033**  
*(Railway Department)*

**1.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**

- 1.1 The **Supply & Delivery of the Tie Changer Machine** shall be a **2008 or 2009** model year. **The Tie Changer Machine** shall be furnished complete and ready for use by the Contractor. All parts not specifically mentioned but which are required to complete and place the vehicle into successful operation shall be furnished as though specifically mentioned in these specifications.
- 1.2 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 vehicle.
- 1.3 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall state "yes" for compliance or state deviation**, or give a reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.
- 1.4 Each bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**
- 1.5 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 1.6 The completed unit and all its components shall comply with all City of Winnipeg, Provincial & Federal Safety Regulations and Standards.

**2.0 SERVICE FACILITY**

- 2.1 For the purpose of warranty repairs, the supplier shall have an authorized service facility located within 10 kilometres 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 B9.1, 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.
- 2.2 If a suitable warranty facility is not available within 10 km of the boundaries of the City of Winnipeg, the Bidder may propose that the City of Winnipeg Repair Facility perform warranty work. Any Work performed by the City of Winnipeg Repair Facility shall be charged to the Contractor at the Facility's shop rate in effect at the time the work is performed (for example, shop rate for **2008: \$82.00/hour and \$ 112.00/hour for overtime and callout**).

**2.3 Location of the service facility located within 10 km of the boundaries of the City of Winnipeg.**

The Bidder shall choose and fill in **one (1)** of the Clauses listed below. --- **2.3.1) OR 2.3.2)**

- 2.3.1 Bidder's own facility location. State the location of the service facility below.

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- 2.3.2 Bidder elects to have warranty work be performed by the City of Winnipeg Repair Facility.

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**3.0 ELIGIBLE MODEL- HARSCO MODEL 925SS TIE INSERTER/REMOVER OR EQUIVALENT IN ACCORDANCE TO B5. SUBSTITUES STATED HEREIN.**

**4.0 SPECIFICATIONS-**

- |      |                       |   |       |
|------|-----------------------|---|-------|
| 4.1  | Gradability-          | Gradability- (5%)   | _____ |
| 4.2  | Speed-                | Travel Speed- (40 kph)  | _____ |
| 4.3  | Lifting Force-        | Total Track Lifting Force - 39,000 pounds (17,727 kg)   | _____ |
| 4.4  | Extraction Force-     | Tie Extraction Force - Up to 19,000 pounds (8636 kg) with 2 speed extraction stroke   | _____ |
| 4.5  | Dimensions-           | Length- 16 feet - 3 inches (5 m)<br>Width- (Travel Mode) - 10 feet - 6 inches (3.2 m)<br>Height- Over Rail - 8 feet (2.4 m) | _____ |
| 4.6  | Weight -              | Approx-12,000 pounds (5455 kg)  | _____ |
| 4.7  | Wheels -              | 16 inches (406 mm), cast steel  | _____ |
| 4.8  | Axles -               | 3 inch (76 mm) diameter solid with 2-7/8 inch (73 mm)   | _____ |
| 4.9  | Wheel Base -          | Approx. 103 inches (2.61 m)   | _____ |
| 4.10 | Fuel Tank Capacity -  | 35 U.S. gallons (130 litres)  | _____ |
| 4.11 | Hydraulic Capacity -  | 40 U.S. gallons (150 litres)  | _____ |
| 4.12 | Engine -              | Must meet current emission standards, <b>state make &amp; model-</b>  | _____ |
| 4.13 | Hydraulic Pump -      | 40 gallons (150 liters) per minute, pressure compensated piston type  | _____ |
| 4.14 | Hydraulic Cylinders - | Extra-heavy duty welded design  | _____ |
| 4.15 | Brakes -              | Hydrostatic, index & travel mechanical, 4-wheel shoe parking  | _____ |
| 4.16 | Propulsion System -   | Chain drive, front axle, 3-speed transmission, hydraulic motor driven   | _____ |
| 4.17 | Working Lights-       | Two (2) facing forward, two (2) facing rear and Two (2) on either side.   | _____ |
| 4.18 | Safety Lighting-      | Safety Beacon required. Must meet all Federal and City of Winnipeg Lighting Provisions, <b>state location-</b>              | _____ |

**5.0 TRAINING**

- 5.1 The Contractor shall provide operational and maintenance training by qualified staff for City of Winnipeg personnel. The training shall be conducted in separate sessions for each group of personnel. Each session shall be approximately ½ day in duration and shall

provide adequate familiarization and orientation on the unit, to the satisfaction of the Contract Administrator. The training shall be conducted in Winnipeg at a location to be designated by the Contract Administrator.

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5.2 State if other training aids (videos, CDs) are available.

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5.3 One (1) Set of Technical Parts, Service & Operators Manual Required

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5.4 **Please state-** the manufactures recommended training time for the complete equipment.

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## **6.0 WARRANTY-**

6.1 The warranty for the **Tie Changer Machine** shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials, for a period of not less than **(6) six months unlimited hours on the entire unit "bumper to bumper", (5)**. Any article that has become defective during said warranty period and has not proven to have been caused by negligence on the part of the user shall be repaired or replaced at no cost to the City. The warranty shall be effective from the date the equipment is put into service by the City of Winnipeg.

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7.0 **DELIVERY POINT-** The **Tie Changer Machine** shall be serviced, ready For operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. to the WFMA 185 Tecumseh Street, Winnipeg MB.

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7.1 **DELIVERY TIME-** Within **twelve (12) calendar weeks** from the date of official notification of award of contract. Equipment shall be delivered within 8:00 am and 3:00 pm on Business Days.

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7.2 **DELIVERY CONTACT-** The Contractor shall contact the Contract Administrator prior to delivery of the equipment.

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7.3 **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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## **8.0 STANDARD REPAIR TIMES (SRT)-**

8.1 Please provide Standard Repair Times for the equipment being bid if available.

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## **9.0 PERFORMANCE**

9.1 Shall be capable of consistent top performance for installing & removing railway ties during twelve (12) months of the year in Manitoba environments which are normal to the City of Winnipeg.

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