

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF PORTABLE HYDRAULIC LIFTING
EQUIPMENT AND LOCKING CYLINDERS

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 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 PORTABLE HYDRAULIC LIFTING EQUIPMENT AND LOCKING
CYLINDERS**

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC.REF	UNIT	QUANTITY	UNIT PRICE
1.	Portable Hydraulic 100 Ton Railroad Jack with Cribbing Blocks	19027	Each	2	
2.	Extension Adapter Set (set is to allow minimum incremental adjustments in height of 4 inches, 7 inches and 9 inches)	19027	Each	2	
3.	Extension Adapter Set (set is allow minimum incremental adjustments in height of 4 inches, 10 inches and 15 inches)	19027	Each	2	
4.	100 Ton Railroad Jack Spacer Set (1 inch, 2 inch and 3 inch spacers)	19027	Each	2	
5.	55 Ton Hydraulic 10" Single-Acting Locking Collar Hydraulic Cylinder	19028	Each	2	
6.	Electric Hydraulic Hand Pump	19028	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 19027
Portable Hydraulic 100 Ton Railroad Jack

1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe a **Portable Hydraulic 100 Ton Railroad Jack** and other Equipment and features as specified herein.
- 1.2 The **Portable Hydraulic 100 Ton Railroad Jack** shall be a new 2018 model year or newer. It is to include a manufacturer approved base cart for travel, and a set of Cribbing Blocks. The set of cribbing blocks should contain assembly block sizes of a minimum of 1inch, 3 inch, 5 inch and 10 inch sizes.
- 1.3 The **Portable Hydraulic 100 Ton Railroad Jack** and all other items/components shall be the manufacturer's latest models. 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 into successful operation shall be furnished as though specifically mentioned in these specifications. The complete equipment, 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 The Portable Hydraulic 100 Ton Railroad Jack **Extension Sets** are to provide the capability for the hydraulic Jack in a lifting position to be extended by either 4, 7 or 9 inches for set 1, and with set 2 allowing the jack to be extended 4, 10 and 15 inches.

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 Portable Hydraulic 100 Ton Railroad Jack and all its components and attachments shall comply with the applicable regulations: Built to ANSI/ASME B30.1 2015 and ASME PALD-1 Standards and Canadian Standards Association (CSA) Certifications
- 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 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. 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 REFERENCES

- 4.1 Provide two (2) references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

5.0 **MAKE & MODEL**

5.1 **State** make and model of the equipment bid- _____

6.0 **INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**

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

6.2 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.

6.3 Each bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

7.0 **QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

7.1 The manufacturer of the **Portable Hydraulic 100 Ton Railroad Jack** shall have five (5) years continuous experience manufacturing the equipment.

7.2 The manufacturer 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.

7.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Portable Hydraulic 100 Ton Railroad Jack** of the type being offered

8.0 **SPECIFICATIONS**

**BIDDER TO STATE
 “YES” OR STATE
 DEVIATION**

<u>Portable Hydraulic 100 Ton Railroad Jack</u>		
8.1	Application	Portable Hydraulic Railroad Jack: Eligible Model – SPX Power Team RJ100T24E-C or Equivalent in accordance with B6. Substitutes _____
8.2	To be manufactured in North America.	State origin of manufacture: _____
8.3	Capacity	100 ton (kN) Approx. _____
8.4	Lifting Application or Product Design	Locomotive or Railcar use _____
8.5	Hydraulic Pump Type	Electric _____
8.6	Electric Motor	Single Phase _____
8.7	Motor Power Source	110/115 VAC, 50/60 Hz _____
8.8	Cylinder Stroke Length	Approx. 15 inches to 20 inches _____

8.9	Retracted Height of Jack	Approx. 20 inches – 30 inches	_____
8.10	Extended Height of Jack	Approx. 50 Inches – 60 inches	_____
8.11	Weight of Jack only	Approx. 550lbs.to 720 lbs.	_____
8.12	Low Pressure Pump psi (cu. in/min)	Approx.400 psi	_____
8.13	High Pressure Pump psi (cu. in/min)	Approx.10500 psi	_____
8.14	Upload Pressure	Approx. 800 – 1300 psi	_____
8.15	Tank Capacity	Approx. 2 Gallons	_____
8.16	Hand Held Remote for User Safety and Control		_____
8.17	Manufacturer approved Base Cart for Jack Mobility		_____

Aluminum Crib Blocks

8.18	Crib Block	Approx. 1 Inch	_____
8.19	Crib Block	Approx. 3 Inch	_____
8.20	Crib Block	Approx. 5 Inch	_____
8.21	Crib Block	Approx. 10 inch	_____

Aluminum Extension Set

8.22	Set of 3 devices is to allow individual extensions for the following lengths	4 inch, 7 inch and 9 inches	_____
8.23	Set of 3 devices is to allow individual extensions for the following lengths	4 inch, 10 inch and 15 inches	_____

9.0 **WARRANTY**

9.1 The warranty for the **Portable Hydraulic 100 Ton Railroad Jack, the Aluminum Crib Blocks and the Aluminum Extension Set(s)** shall include 100% replacement parts and labour at no cost to the City, and shall cover the complete equipment and all parts thereof against defects of workmanship, construction and materials for one (1) year from the date the equipment is put into service by the City of Winnipeg. _____

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

10.0 **DELIVERY**

10.1 Delivery Point: The complete unit shall be installed, serviced, ready for operation and delivered F.O.B. with the freight prepaid to the City of Winnipeg, Fleet Management Agency, 960 Thomas Ave, Winnipeg MB. _____

10.2 Delivery Time: **four to five (4 - 5) calendar weeks** from the date of award. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. _____

10.3 Delivery Contact: The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____

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

11.0 **MANUALS**

11.1 Manuals supplied under this Contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available. _____

11.2 The following manuals shall be supplied with the unit 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 set including a preventative maintenance schedule. CDs are preferred _____

FORM N: DETAILED SPECIFICATIONS 19028
55 Ton Locking Collar Hydraulic Cylinder & Hydraulic Hand Pump

1.0 DESCRIPTION OF EQUIPMENT

1.1 These specifications describe a **55 Ton Locking Collar Hydraulic Cylinder and Hydraulic Hand Pump** and other Equipment and features as specified herein.

1.2 The **55 Ton Locking Collar Hydraulic Cylinder and Hydraulic Hand Pump** shall be new 2018 model years or newer.

1.3 The **55 Ton Locking Collar Hydraulic Cylinder and Hydraulic Hand Pump** and all other items/components shall be the manufacturer's latest models. 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 into successful operation shall be furnished as though specifically mentioned in these specifications. The complete equipment, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry

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 55 Ton Locking Collar Cylinder and all its components and attachments shall comply with the applicable regulations: Built to ANSI/ASME B30.1 2015 and ASME PALD-1 Standards and Canadian Standards Association (CSA) Certifications

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 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. 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 REFERENCES

4.1 Provide two (2) references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

5.0 MAKE & MODEL

5.1 **State** make and model of the equipment bid- _____

6.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 6.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.
- 6.2 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.
- 6.3 Each bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

7.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

- 7.1 The manufacturer of the **55 Ton Locking Collar Hydraulic Cylinder and Hydraulic Hand Pump** shall have five (5) years continuous experience manufacturing the equipment.
- 7.2 The manufacturer 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.
- 7.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **55 Ton Locking Collar Hydraulic Cylinder and Hydraulic Hand Pump** of the type being offered

8.0 SPECIFICATIONS

**BIDDER TO STATE
 “YES” OR STATE
 DEVIATION**

55 Ton Locking Collar Hydraulic Cylinder

8.1	Application	Hydraulic Cylinder: Eligible Model: SPX R5510L or Equivalent in accordance with B6. Substitutes	_____
8.2	Capacity Class	Approx. 55 ton (kN)	_____
8.3	To be manufactured in North America.	State origin of Manufacture:	_____ _____
8.4	Material	Steel	_____
8.5	Lifting Application or Product Design	Locomotive and/or Landfill Compactor	_____
8.6	Cylinder Type	Locking Collar	_____
8.7	Return Type	Single Acting, Load Return	_____
8.8	Cylinder Stroke Length	Approx. 9 inches to 12 inches	_____
8.9	Retracted Height of Cylinder	Approx. 12 inches to 16 inches	_____
8.10	Extended Height of Cylinder	Approx. 17 Inches – 26 inches	_____
8.11	Weight of cylinder only	Approx. 65 lbs.to 100 lbs.	_____

8.12 Oil Capacity (cu. in) Approx. 95 (in³) to 125 (in³) _____

Hydraulic Hand Pump

8.13 Application Hydraulic Hand Pump: **Eligible Model - SPX P460 or Equivalent in accordance with B6 Substitutes** _____

8.14 Designated Lifting Application: Single Acting Cylinders _____

8.15 Power Source Approx. 110 Volt _____

8.16 Speed Two Speed _____

8.17 Maximum Low Pressure (psi) 1,400 _____

8.18 Maximum High Pressure (psi) 10,000 _____

8.19 Oil Port(in.) 3/8 NPTF _____

8.20 Oil Capacity (cu.in) Approx. 2.0 Gal to 3.0 Gal _____

8.21 Manual Pump Override Capability Available _____

9.0 WARRANTY

9.1 The warranty for the **55 Ton Locking Collar Hydraulic Cylinder** and **Hydraulic Hand Pump** shall include 100% replacement parts and labour at no cost to the City, and shall cover the complete equipment and all parts thereof against defects of workmanship, construction and materials for one (1) year from the date the equipment is put into service by the City of Winnipeg. _____

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

10.0 DELIVERY

10.1 Delivery Point: The complete unit shall be installed, serviced, ready for operation and delivered F.O.B. with the freight prepaid to the City of Winnipeg, Fleet Management Agency located at 960 Thomas Ave, Winnipeg MB. _____

10.2 Delivery Time: **four to five (4 - 5) calendar weeks** from the date of award. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. _____

10.3 Delivery Contact: The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____

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

11.0 MANUALS

- 11.1 Manuals supplied under this Contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available. _____
- 11.2 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 set including a preventative maintenance schedule. CDs are preferred _____