

FORM N: DETAILED SPECIFICATIONS 21020

USED FORKLIFT (PROPANE)

1. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 1.1 All items in these specifications should be answered indicating compliance or non-compliance.
- 1.2 **Bidders shall state “yes” for compliance or state “deviation”**, or give a reply where requested to do so. Deviations and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specifications is used, the City will also consider deviations and/or equivalents.
- 1.3 Lengthy explanations of deviations may be included in a separate document and must reference the appropriate Detailed Specification.
- 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 It will be the responsibility of the Bidder to inform the City of any errors or omissions in these Detailed Specifications, for under this Contract, the Contractor shall be held responsible to ensure that the manufacturer will be responsible for the design, performance, reliability and satisfactory operational function of the unit.

2. DESCRIPTION OF EQUIPMENT

- 2.1 These specifications describe a **USED 5000LBS. CAPACITY FORKLIFT** and other equipment and features as specified herein.
- 2.2 The **5000LBS. CAPACITY FORKLIFT** shall be a used Forklift model year 2016 or newer with approximately no more than 5000 hours on the machine.
- 2.3 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.
- 2.4 The ratings specified herein merely state the minimum values acceptable to the City, not implying that those values are sufficient for the design of the particular equipment being bid.

3. OTHER SPECIFICATIONS AND STANDARDS

- 3.1 All applicable SAE Standards form an integral part of the vehicle specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 3.2 The **5000LBS. CAPACITY FORKLIFT** shall comply with the applicable regulations:
 - 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/regs/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
 - 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/regs/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>
 - Manitoba Building Code: <https://web2.gov.mb.ca/laws/regs/current/pdf-regs.php?reg=31/2011>

3.3 The completed unit shall include a Manitoba Government Inspection with Safety Sticker on the driver's side window.

4. REFERENCES

4.1 Provide five (5) references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

5. MAKE & MODEL

5.1 State year, make and model being bid: _____

6.0 PERFORMANCE RELIABILITY

6.1 The responsibility for the design of the 5000LBS.CAPACITY FORKLIFT its performance and reliability shall rest upon the Contractor.

6.2 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.

6.3 Where the 5000LBS. CAPACITY FORKLIFT develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

6.4 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).

7.0 FUEL

7.1 Where applicable, all equipment must be fully fueled upon delivery (no exceptions).

8.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

8.1 The manufacturer of the 5000LBS. CAPACITY FORKLIFT shall have five (5) years continuous experience manufacturing the equipment.

8.2 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.

8.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining 5000LBS. CAPACITY FORKLIFT of the type being offered.

9.0 SPECIFICATIONS:

9.1 Requirement:

The City of Winnipeg requires one (1) **used** Forklift meeting the following specifications:

Model year: 2016 or newer
Hours: Approx. 5000 hours or less.
Lifting Capacity: 5000lbs.
Propane

Make and Model

9.2 Make **State:** _____

9.3 Model **State:** _____

9.4 Model Year 2016 or newer
State: _____

9.5 Hours **State** hours on the unit: _____

9.6 Engine Propane, 4 cylinder in line engine,
Electronic control system, approx. 55 HP
and 115 lb-ft torque with Cooling Fan _____

9.7 Electrical 12 Volt power supply approx. 70 amp
alternator _____

9.8 Ignition Anti-restart ignition switch _____

9.9 Tires Solid or pneumatic type, front approx.
7.00-12 and rear approx. 6.00-9,
indoor/outdoor tread for summer and
winter use, **state** type and size:



9.10 Capacity 5000lbs. at 24" load center. _____

9.11 Lift speed Full load approx. 110fpm. _____

9.12 Forks Approx. 1.6" x 5" x 42", **state** size _____

9.13 Mast 2 or 3-stage mast with free lift (total height
approx. 187 in.) **with Integral Fork
Positioners and integral power
controlled Side Shift (Cascade Fork
Positioner or Equivalent)** _____

9.14 Stability According to ANSI. _____

9.15	ROPS/FOPS	Roll Over Protection Structure/Falling Object Protective Structure	_____
9.16	Dimensions	<ul style="list-style-type: none"> • Length to fork face approx. 95 in., state. • Width 42 in. approx., state. • Mast height, upright lowered approx., 85 in. state. • Wheelbase 60 in. approx., state. 	_____
9.17	Service weight	Approx. 8000lbs., state.	_____
9.18	Travel speed	Approx. 17 km/h loaded, state.	_____
9.19	Steering	Fully hydrostatic power steering (FHPS) Tilting steering console, spinner knob.	_____
9.20	Grab handles	Both sides.	_____
9.21	Safety	<ul style="list-style-type: none"> • Horn, back up alarm, • LED Beacon Class 2. Light to be guarded and mounted on top side of rear ROPS to achieve 360 degree visibility. • Operator restraint system. w/retractable lap belt and active stability systems. • Fire extinguisher 5 lb. ABC type, securely mounted and secured, quick release. • Slow moving Sign. 	_____ _____ _____
9.22	Seat	Adjustable with suspension	_____
9.23	Lighting	Headlights and working lights.	_____
9.24	Tank bracket	Swing down tank bracket.	_____
9.25	Propane tank	33 LB Aluminum LPG Tank.	_____
9.26	Pictures	<p>The Bidder shall submit within three (3) Business Days of a request by the Contract Administrator:</p> <ul style="list-style-type: none"> • Recent photos that clearly show all sides of the unit, interior. • Any areas of damage (major dents, scrapes etc.) shall be clearly identified on the photos 	_____
9.27	Maintenance Records	<p>The Bidder shall submit within three (3) Business Days of a request by the Contract Administrator:</p> <ul style="list-style-type: none"> • Copy of the Maintenance Records <p>If <u>not</u> available:</p> <ul style="list-style-type: none"> • Provide a description in the space below (or on a separate page) detailing the maintenance conducted on the unit 	_____

9.28 Maintenance History:

10.0 **WARRANTY**

10.1 All warranty information shall 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. _____

10.2 Basic coverage **State:** _____

10.3 Powertrain **State:** _____

10.4 Hydraulics warranty **State:** _____

10.5 Batteries warranty **State:** _____

10.6 Tires warranty **State:** _____

10.7 Electrical warranty **State:** _____

11.0 **DELIVERY**

11.1 Delivery Point: The Forklift shall be 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. _____

11.2 Delivery Time: **State earliest delivery time** from the date of award. Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days. _____

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

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

MANUALS

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

12.2 The following manuals shall be supplied with the units when delivered:

a) Operator's manual – (one operator manual (hard copy) Winnipeg Fire Paramedic Service Training Academy 2546 McPhillips Street Winnipeg, Manitoba.
Office- (204).986.8398
Fax- (204).986.4266 _____

b) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs or USB flash drive are preferred. _____