

## FORM N: DETAILED SPECIFICATIONS 24020

### ALUMINUM RIGID INFLATABLE BOAT (RIB) C/W OUTBOARD MOTOR AND TRAILER

1. **INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**
  - 1.1 All items in these specifications should be answered indicating compliance or non-compliance.
  - 1.2 **Bidder 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 Proponent 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 Proponent 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 **Rigid Inflatable Boat (RIB)** and other equipment and features as specified herein.
  - 2.2 The **Rigid Inflatable Boat (RIB)** shall be a new **2024** model year or newer.
  - 2.3 The **Rigid Inflatable Boat (RIB)** and all other items/components shall be the manufacturer's latest model. 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 Where applicable, the **Rigid Inflatable Boat (RIB)** 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:  
[https://www.gov.mb.ca/labour/safety/pdf/1\\_2016\\_wsh\\_ar\\_oc.pdf](https://www.gov.mb.ca/labour/safety/pdf/1_2016_wsh_ar_oc.pdf)
    - Canadian Motor Vehicle Safety Standards C.M.V.S.S.  
[Motor Vehicle Safety Regulations \(justice.gc.ca\)](http://www.justice.gc.ca/motor-vehicle-safety-regulations)
    - 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:  
[Underwriters Laboratories of Canada \(ULC\)](#)

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](https://web2.gov.mb.ca/laws/regs/current/_pdf-regs.php?reg=31/2011)

Canada Shipping Acts - Small Vessel Regulations  
[Small Vessel Regulations \(justice.gc.ca\)](#)

**4. FUEL**

4.1 Where applicable, the equipment shall be fully fuelled upon delivery (no exceptions).

**5. REFERENCES**

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

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**6. MAKE & MODEL**

6.1 State year, make and model being bid:

Model Year: \_\_\_\_\_

Make: \_\_\_\_\_

Model: \_\_\_\_\_

**7. PERFORMANCE RELIABILITY**

7.1 The responsibility for the design of the **Rigid Inflatable Boat (RIB)**, its performance and reliability shall rest upon the Contractor.

7.2 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.

7.3 Where the **Rigid Inflatable Boat (RIB)** develops “repeated failures” in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

7.4 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).**

**8. SERVICE FACILITY**

8.1 For the purpose of warranty repairs, the Bidder shall have an authorized service facility. 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

**9. QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

9.1 The manufacturer of the **Rigid Inflatable Boat (RIB)** shall have five (5) years continuous experience manufacturing **Rigid Inflatable Boat (RIB)**.

9.2 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.

9.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Rigid Inflatable Boat (RIB)** of the type being offered.

**10. SPECIFICATIONS**

**Notes**

10.0 Specifications Specifications are based on a Galaxy Pilot P6 with a 150 HP Outboard Motor \_\_\_\_\_

**Type**

10.1 Type Rigid Inflatable Boat (RIB) \_\_\_\_\_

**Make and Model**

10.2 Equipment Make **State:** make: \_\_\_\_\_

10.3 Equipment Model **State:** model: \_\_\_\_\_

10.4 Equipment Model Year **State:** model year: \_\_\_\_\_

**Equipment**

10.5 Hull

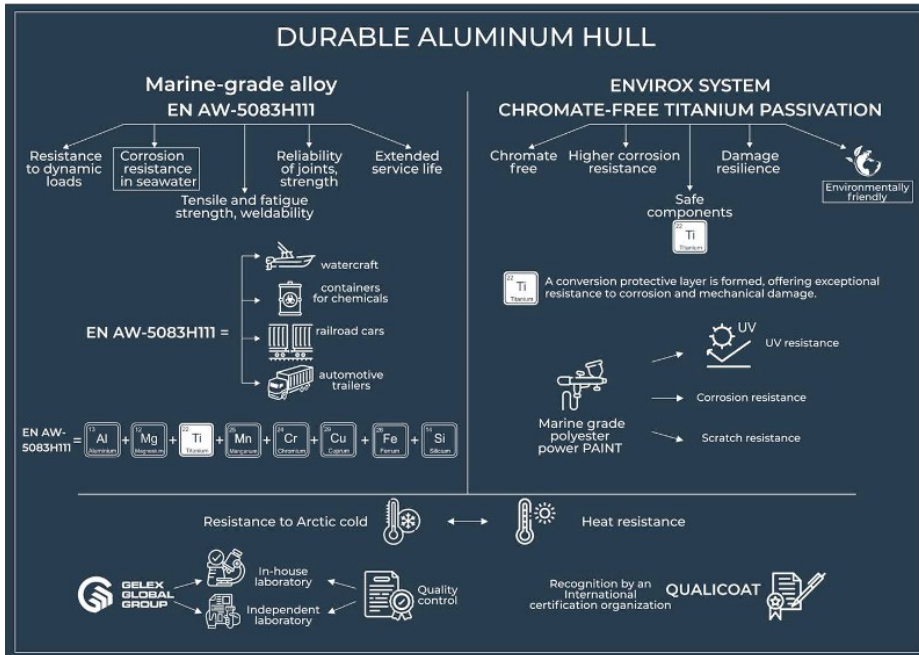
- Aluminum PRO Hull
- Marine-grade alloy EN AW-5083H111
- Welded keel guard
- Hull material thicknesses (All dimensions are approximate):
  - a. Bottom – 5mm
  - b. Keel guard – 6mm
  - c. Deck – 4mm
  - d. Reinforcements – 4 mm
  - e. Deck mounting reinforcements – 10-12mm

\_\_\_\_\_

10.6 Hull Protection

- Chromate-free Titanium Passivation System (ENVIROX)
- Approved by QUALICOAT international organization

\_\_\_\_\_



10.7 Decking

- QUINTET PRO embossed antiskid aluminum decking for superior antiskid and safety characteristics



10.8 Deck Space

- Approximately 20 sq. ft. total free deck space at rear of boat

**Note:** required for possibility of having an adult person laying down on the deck for medical assistance

**State:** total free deck space: \_\_\_\_\_

10.9 Inflatable Tube

- **HYPALON** inflatable tube complete with
  - Rub rail
  - Protection pads
  - Lifeline
  - Handles
- Custom lettering on both sides of inflatable tube

10.10 Steering

- Steering console tower with mounting plate
- Windshield and railing
- Hydraulic steering
- Steering wheel GALA deluxe

\_\_\_\_\_

10.11 Seating

- Driver's folding seat
- Bench style seat that can accommodate two people sitting where the seat can be flip up to have the option to operate the boat either in a seating position, or a standing position

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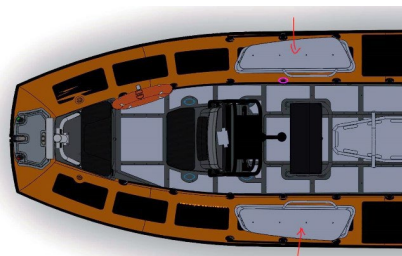


10.12 Side Steps

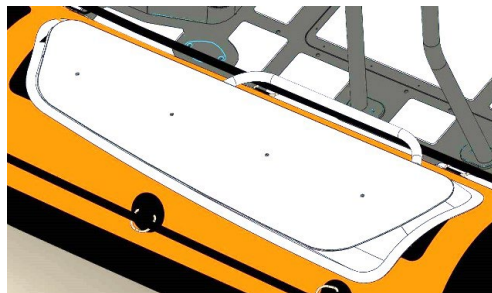
- Qty two (2)
- Large
- Low Profile
- Handles

\_\_\_\_\_

Low Profile Large Side Steps



Low Profile Large Side Steps



10.13 Keel Line Performance Ski

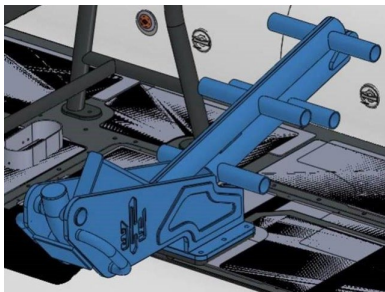
- Extended flat surface on the keel line for creating extra lift at the stern for easier getting on plane, less drag and better for shallow waters

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- |       |             |  |
|-------|-------------|--|
| 10.14 | Electric    | <ul style="list-style-type: none"> <li>• Electric PRO system with 2 pole battery switches _____</li> </ul>   |
| 10.15 | Fuel System | <ul style="list-style-type: none"> <li>• Fuel system with built in tank (110 litre), send, deck fill, tubing, wiring _____</li> </ul>  |
| 10.16 | Gauges      | <ul style="list-style-type: none"> <li>• Tachometer _____</li> <li>• Speedometer _____</li> <li>• Fuel gauge kit _____</li> </ul>  |
| 10.17 | Bow         | <ul style="list-style-type: none"> <li>• Step plate with anchor roller _____</li> <li>• Locker soft cushion _____</li> <li>• Towing bollard with tube reinforcement _____</li> </ul> |
| 10.18 | T-Top       | <ul style="list-style-type: none"> <li>• T-top with wide equipment mounting plate _____</li> <li>• Custom lettering on T-top _____</li> </ul>  |
| 10.19 | Towing      | <ul style="list-style-type: none"> <li>• "Wide" Rear towing arch _____</li> </ul>  |
| 10.20 | Ladder      | <ul style="list-style-type: none"> <li>• Diving ladder _____</li> <li>• With deck mounts _____</li> <li>• Folding _____</li> <li>• Commercial grade _____</li> </ul>                 |

Stowed Position



Open Position



- |       |               |   |
|-------|---------------|---|
| 10.21 | Miscellaneous | <ul style="list-style-type: none"> <li>• Set of foot pump _____</li> <li>• 2 paddles _____</li> <li>• Repair/service kit _____</li> </ul> |
|-------|---------------|---|

10.22	Rigging	<ul style="list-style-type: none"><li>• Include parts and labour</li></ul>	_____
	<b>Motor</b>		
10.23	Outboard Motor	<ul style="list-style-type: none"><li>• Out board 4 stroke</li><li>• 150 horse power</li><li>• Stainless steel prop</li></ul>	_____
10.24	Guard	<ul style="list-style-type: none"><li>• Engine guard frame</li></ul>	_____
	<b>Dimensions/ Capacities</b>		
10.25	Length (Overall)	Approximately 19 foot <b>State:</b> length: _____	_____
10.26	Length (Inside)	Approximately 15 ft. 9 in. <b>State:</b> length: _____	_____
10.27	Width (Overall)	Approximately 8 ft. 2 in. <b>State:</b> width: _____	_____
10.28	Width (Inside)	Approximately 4 ft. 3 in. <b>State:</b> width: _____	_____
10.29	Tube Diameter	Approximately 24 in. <b>State:</b> diameter: _____	_____
10.30	Loading Capacity	Approximately 3080 lbs. <b>State:</b> capacity: _____	_____
	<b>Safety</b>		
10.31	Horn	Required	_____
10.32	Navigational Lighting	Required	_____
10.33	Fire Extinguisher	<ul style="list-style-type: none"><li>• High volume ABC type</li><li>• Securely mounted with quick release</li></ul>	_____
	<b>Trailer</b>		
10.34	Trailer	<ul style="list-style-type: none"><li>• Designed for towing and transportation of specified boat</li><li>• Torsion axle</li></ul>	_____
10.35	Finish	Galvanized	_____
10.36	Lighting	LED	_____

11.0 **WARRANTY:**

11.1 All warranty information shall be detailed and **include all exclusions.** \_\_\_\_\_

The Contractor shall provide all published warranty information upon delivery of the equipment.

Bidder shall state all warranty information.

11.2 The warranty for the **Rigid Inflatable Boat (RIB)** shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials. \_\_\_\_\_

Any equipment 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

11.3 Basic Vehicle (Comprehensive) **State:** Terms: \_\_\_\_\_

11.4 Engine **State:** Terms: \_\_\_\_\_

11.5 Batteries **State:** Terms: \_\_\_\_\_

11.6 Trailer **State:** Terms: \_\_\_\_\_

11.7 Electrical **State:** Terms: \_\_\_\_\_

12.0 **DELIVERY:**

12.1 **Delivery Point:** \_\_\_\_\_

The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.V.I.S. (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB.

12.2 **Delivery Time:** \_\_\_\_\_

Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days.

**Delivery must be before December 31, 2024**

**State:** delivery date: \_\_\_\_\_

12.3 **Delivery Contact:** \_\_\_\_\_

The Contractor shall contact the Contract Administrator prior to delivery of the equipment.

12.4 **P.D.I.:** \_\_\_\_\_

A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list



13.0 **MANUALS:**

13.1 **Manuals:** \_\_\_\_\_

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

**Operator** – Two (2) Copies

- One (1) copy shall be sent to the Equipment Operator Training Branch
- One (1) copy to be left with the equipment

**Parts and Service**

- One (1) complete set including preventative maintenance schedules

**Note:** CD or USB flash drive is preferred where available

14.0 **PARTS/LABOUR PRICING:**

14.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. \_\_\_\_\_

**State: percentage discount:** \_\_\_\_\_

14.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from retail shop labor rate. \_\_\_\_\_

**State: percentage discount:** \_\_\_\_\_

15.0 **FIRST SERVICE PREVENTATIVE MAINTENANCE KIT:**

15.1 If applicable, in order to assure minimum downtime of the Equipment in future service, the Contractor must provide one (1) complete replacement set of new OEM filters for each unit purchased. The set of required filters shall include (if applicable to the equipment type) air, fuel, oil, transmission, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing and first transmission service. \_\_\_\_\_

15.2 The Contractor must provide a list of Factory recommended lubricants to be used with the equipment, as well as a complete cross reference guide for all warranty approved lubricants and filters that can be used during Preventative Maintenance servicing. \_\_\_\_\_