

## Mandatory Specifications

### 1. Condition of Material:

- a. Equipment supplied must be new or reconditioned to new standards and conform to the specifications below.
- b. Equipment must meet all Industry Standards including regulatory approvals and certification where applicable

### 2. Additional Deliverables: In support of this contract, the contractor must:

- a. within 5 days prior to delivery contact the technical Authority (TA) to establish a mutual agreed upon delivery date and time;
- b. unload the equipment at the site
- c. assemble and set-up all equipment before delivery will be accepted
- d. ensure all equipment is in complete operational working order
- e. provide all support documentation and materials, including technical and operating manuals for all equipment delivered.
- f. provide maintenance and technical support services

**3. Mandatory Specifications:** The bidder must comply with all mandatory requirements identified herein, and must indicate how they meet the specifications addressed below, and must submit with their bid all technical, brochure(s), photos.etc.

Bidders **must provide documentation** to demonstrate compliance to each mandatory criterion listed herein. Technical documentation such as specification sheets, technical brochures and photographs or illustrations must provide adequate detail to substantiate that the instrument offered meets the technical requirements. It is the Bidders responsibility to ensure that the submitted documentation provides adequate detail to prove that the proposed product meets the requirements of the technical specifications. If specific published technical documentation is not available, the bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance.

Failure to do so will result in your proposal being deemed non-responsive, and be given any further consideration. (Statements that include the words "shall" or "must" are mandatory requirements unless expressly said not to be.)

Where you have indicated compliant, provide the specification being offered which meets or exceeds and cross-reference as to where the supporting documentation is found within your proposal. If there is insufficient space in the table, assign SIR # (Supplementary Information Reference) and provide the appropriate details on a separate page in your proposal. Where published supporting documentation is not available in the form of brochures, technical data sheets etc., mark in the table "certification by signature"

Unless specified otherwise in the bid solicitation, Canada will evaluate only the documentation provided with a bidder's bid. Canada will not evaluate information such as references to Web site addresses where additional information can be found, or technical manuals or brochures not submitted with the bid.

**4. Authorized Agent:** The Bidder must be an Authorised Reseller for the unit they are offering to the Crown.

## Pull Grader – Mandatory Specifications

Parks Canada has a requirement for the supply and delivery of a Pull Grader in accordance with the specification detailed in the Mandatory Specifications document below. This grader is required for gravel road maintenance and constructing new roads in the park. The Pull Grader will be used in conjunction with a FWA tractor with a horse power rating of 200HP. Delivery is mandatory on or before March 31, 2014.

Specification Description	Specification	Status	Specification Offered Bidder is to indicate how they meet the specification by recording this information in this column.	Cross Reference In this column, Bidders are to cross-reference where this technical specification is indicated in their brochure, technical data sheet.	Specification Met Yes / No
<b>A) Pull Road Grader</b>					
<b>1. Moldboard</b>					
1.1 Length Overall	Minimum 12ft/Maximum 16ft blade length	M			
1.2 Height overall	Minimum 20in/Maximum 30in blade height	M			
1.3 Thickness	Minimum 0.88in / Maximum 1.5in blade thickness	M			
1.4 Blade Material	High-strength, pre-stressed, wear-resistant, high-carbon steel, equipped with replaceable side wear inserts	M			
1.5 Replaceable high carbon steel edge on blade	Minimum 6in/maximum 10in wide and minimum 0.62in/maximum 1in thick	M			
<b>2. Features</b>					
2.1 Hitch to blade length	Minimum 10ft/maximum 20ft	M			
2.2 Hitch	Heavy duty draw bar hitch with swivel and safety chains	M			
2.3 Hitch jack	Must have hitch jack attached and is storable during use	M			
2.4 Weight box	Must have box mounted on grader to add a minimum 1000lbs/maximum 5000lbs	M			
2.5 Hydraulic lines	Must have hoses and quick connect tips to attach to tractor auxiliary connection	M			
<b>3. Blade functions</b>					
3.1 Tilt	Minimum 15 degree/maximum 45 degree tilt for slope cuts	M			
3.2 Angle	Minimum 40 degree/maximum 90 degree angle left and right	M			
3.3 Pitch	Minimum 35 degree/maximum 75 degree forward and minimum 5 degree/maximum 45 degree back pitch at ground level	M			
3.4 Lift	Minimum 16in/maximum 30in blade lift from ground level	M			
<b>4. Service/Maintenance and Warranty</b>					
4.1 Service and Parts Manual	Must provide technical reference manual from the Original Equipment Manufacturer (OEM) for the system delivered.	M			
4.2 Owners Operating Manual	Must provide a complete and current set of end-user documentation with system delivered.	M			

4.3 Warranty	Minimum 1 year on parts and labour	M			
4.4 Replacement Parts	All replacement parts must be available to the Edmonton area within two weeks from order	M			
<b>5. Delivery</b>	Must be delivered to Elk Island National Park.	M			
<b>6. Installation and Testing/Inspection</b>	The bidder is responsible for having pull grader work ready to the satisfaction of Elk Island National Park Asset Supervisor	M			