

EQUIPMENT SPECIFICATION**1.0 SCOPE*****AFTERMARKET ATTACHMENTS FOR TRACTORS, SKIDSTEERS, & WHEEL LOADERS***

These attachments shall be the most current advertised production models as modified per specifications and approved by Mn/DOT. Attachments shall be furnished with all standard equipment advertised, whether or not specifically called for here, except where the item is replaced by optional over standard equipment or conflicting equipment is specified. The attachment shall be complete with all equipment required to be fully functional and ready for immediate operation. The unit must meet all applicable codes and standards.

2.0 REQUIREMENTS FOR ALL ATTACHMENTS

- 2.0.1 Only aftermarket attachments shall be allowed on this contract. OEM attachments from tractor, skid steer, or wheel loader manufacturers will be rejected.
- 2.0.2 One complete set of parts and service manuals shall be included for each attachment ordered.
- 2.0.3 The Contract Vendor must give adequate orientation in mounting, removal, operation, safety and maintenance of supplied attachments before purchase will be considered complete.
- 2.0.4 Manufacturer's standard color acceptable; paint must be lead free.
- 2.0.5 Attachments must meet all current federal and Minnesota safety codes.
- 2.0.6 Attachment pricing must include everything needed to ensure unit is complete and ready to use.

2.1 MOWER REQUIREMENT (DISC, ROTARY, & FLAIL)

- 2.1.1 Any cutter head skid shoes must be bolt-on and replaceable.
- 2.1.2 Boom mowers shall include cab shields.
- 2.1.3 Warranty must cover roadside use.

2.2 TRACTOR LOADER REQUIREMENTS

- 2.2.1 Loader bucket cutting edges must be bolt-on replaceable type cutting edges (if available from manufacturer).
- 2.2.2 Loader shall be quick and easily detachable in design.
- 2.2.3 Loader shall have single lever control for raise, lower, dump/curl, and float.
- 2.2.4 Loader shall have hydraulically operated, automatic leveling device - up and down.

2.3 SNOW BLOWER REQUIREMENTS

- 2.3.1 Snow blower cutting edges must be bolt-on and replaceable.
- 2.3.2 Chutes must have hydraulically adjustable deflector and direction.
- 2.3.3 Blower attachments must be powered by tractor, skid steer, or wheel loader. (There is a separate contract for engine driven snow blowers – S-854.)

2.4 SKIDSTEER ATTACHMENT REQUIREMENTS

- 2.4.1 All attachments must be able to be mounted on a quick change mechanism.
- 2.4.2 Attachments offered must directly attach to and be powered by skid steer.

2.5 TRACTOR FRONT 3-PT. HITCH/PTO REQUIREMENTS (FACTORY AND/OR VENDOR INSTALLED)

- 2.5.1 In addition to meeting all applicable codes and standards, all front PTO's must include the following built-in safety features:
 - 2.5.1.1 Permanent marking that indicates direction of rotation
 - 2.5.1.2 On/off switch in cab that prevents accidental engagement.
 - 2.5.1.3 Braking system for stopping implements from rotating when PTO is switched off.
 - 2.5.1.4 Requirement for engine to be "off" before ability to rotate shaft by hand for hook-up.

3.0 VENDOR MUST SPECIFY AFTERMARKET ATTACHMENT MANUFACTURER.**4.0 VENDOR MUST PROVIDE AFTERMARKET ATTACHMENT DESCRIPTION (e.g., snow blower, mower)**

- 4.0.1 Vendor may specify "entire catalog" if applicable.
- 4.0.2 Only one manufacturer/catalog may be listed per price schedule.

5.0 VENDOR MUST LIST WARRANTY TERM

6.0 VENDOR MUST LIST PRICING DISCOUNT (%) TO BE APPLIED TO CATALOG / PRICE PAGE

6.1 Vendor must list the date/ID of provided price list.

7.0 DELIVERY

7.1 Vendor must list delivery starting point (*city, state, zip code*)

7.2 Vendor must list price per loaded mile (*see Special Terms and Conditions*).

8.0 VENDOR MAY PROVIDE PRICING FOR ADDITIONAL PARTS AND SERVICE MANUALS.

9.0 VENDOR MUST LIST PER-HOUR SHOP RATE

(For any additional/optional installation services that may be requested - see Special Terms and Conditions.)