

Please fill out the matrix below and return a sign copy as part of the submission. The Vendor shall comment on each specification as instructed Technical Evaluation of Quotes (Brand Name or Equal).

	<u>No Pricing is allowed in matrix</u>	
	<u>Specifications</u>	<u>Vendor's (seller) Submission, "Meets/Exceeds/Does not meet"</u>
	Fecon Bull Hog BH74SS FGT or Equal	
	Heavy Duty Skid Steer Mulcher Production Capabilities The unit bid must be able to shred brush/scrub growth, branches, 12" stumps, out of the ground root balls, logs, 8" diameter standing trees and brush piles. Unit must be able to shred material completely to grade level and disturb the surface up to 2" deep. Unit must be capable of producing a finely shred, mulch size material. A majority of shredded material must be 4" or less.	
	Hydraulic Drive Unit to be powered by at least one 107cc variable displacement hydraulic motor, and capable of operating pressures up to 4000 psi. Unit must be able to operate at up to 4000 psi with an optional hose kit and simple pressure adjustment. Power is to be transferred to the rotor via two drive sheaves on one end of rotor. Power is transferred to rotor sheaves via a polychain belt or equivalent when equipped with optional variable speed motor. Belt tensioning must be simple to perform by one person via a jackscrew. Belt tensioning rollers are not permissible. A belt tension inspection plate must be quickly and easily removable from the belt housing.	
	Hydraulic Rotor Brake Unit must be equipped with a hydraulic brake rated for up to 45gpm. The hydraulic brake shall bring the rotor to a complete stop from full speed within 8-seconds of shutting the machine off. The brake shall self-actuate upon the operator shutting off the carrier's hydraulic circuit that drives the rotor. The brake must be installed in the mulching attachment and not utilize any components such as friction pads, calipers, brake discs, or brake drums.	

Cutting Drum

Drum shall have a .75" wall thickness with forged steel tool holders welded in a staggered pattern throughout the drum. Standard double carbide tools must be less than 3.75" tall and must fit the "v-shape" interface of the holder. Rotor tip-to-tip diameter must be a minimum of 19.5". The unit must be available with at least 30 double carbide tipped cutting tools, but no more than 36 throughout the rotor. The rotor must have bolt-on stub shafts that must be forged and heat-treated. The rotor must rotate on at least 65mm spherical roller bearings with well-sealed bearing housings.

Each carbide-tipped cutting tool must be rigidly bolted into holders by at least a single $\frac{3}{4}$ " x 4.5" grade-8 Allen bolt. Double carbide cutting tools must be forged with an inward "v-shape" that interfaces with the tool holder and accurately position the tools. Carbide inserts must be uniformly brazed into the leading edge at top of tool. Carbide tools must be proven to last in excess of 300 hours.

Counter-cutters must be located inside the rotor chamber to assist in cutting and shredding material and be minimum 1/2" thick. Counter-cutters must be welded in a staggered pattern to help orient material for more efficient reduction. Units having no counter-cutters or only having straight rows of counter-cutters are not permitted.

<p>Shredder Housing and Frame</p> <p>Shredder housing and frame to be predominately fabricated from heavy wall tubing and steel plate. Body end plates shall be minimum 5/16" high strength steel plate. Belt housing covers shall be minimum 3/16" high strength steel plate. Drive components must be compartmentalized for cleanliness, ease of maintenance, safety and greater strength.</p> <p>Belt housing must fully encase belt and sheaves. Expanded metal or slotted covers allow dust, dirt and debris inside and will not be accepted. The belt housings must be configured to play an integral role in overall strength of machine housing. Housing must contain an easily removable belt inspection plate.</p> <p>Steel skid plates are required below belt housings on both ends of the machine. Skid plates protect the base of belt housings.</p> <p>Steel deflection chain must be welded in segments on the bottom rear edge of the unit to help retain projectiles, a safety requirement.</p> <p>Steel push bar pinned/welded to the top of the housing is required. The push bar is to be fabricated from rigid heavy-walled rectangular and square steel tubing. Units without a push bar are not acceptable.</p>					
<p>Overall Width</p> <p>76" maximum</p>					
<p>Working Width</p> <p>60" minimum</p>					
<table border="0"> <tr> <td>Min Flow</td> <td>Max Flow</td> </tr> <tr> <td>24 gpm</td> <td>45 gpm</td> </tr> </table>	Min Flow	Max Flow	24 gpm	45 gpm	
Min Flow	Max Flow				
24 gpm	45 gpm				
<p>Weight</p> <p>2900 lbs maximum</p>					
<p>Attachment</p> <p>Unit must come ready to attach to a 100 hp John Deere 333G Compact Track Loader</p>					
<p>Warranty/Delivery</p> <p>1-year unlimited factory warranty, Delivered within 90 days of payment</p>					
	<p>Name: _____</p> <p>Signature: _____</p>				