

Bid Specifications – Telescopic Service Crane

6,000 ft-lbs Basic Capacity / Electric Crane



Compliance to Specifications The Bidder shall indicate their compliance by checking "Yes" or "No" for each item specified. Any space not checked shall be interpreted as non-compliance and will result in disqualification of the bid.

Make & Model	<u>Telescopic Boom Series</u> <u>2003</u> (Manual Rotation & Manual Boom Elevation)	Comply to Specification		Deviation from Specification
		Yes	No	
Capacity (Measured from Center of Rotation)	2,000 lbs. @ 3 ft.			
	1,565 lbs. @ 4 ft.			
	1,160 lbs. @ 5 ft.			
	1,000 lbs. @ 6 ft.			
	800 lbs. @ 7 ft.			
	760 lbs. @ 8 ft.			
	665 lbs. @ 9 ft.			
Specifications & Standards	Overall dimensions (LxWxH) • 76 3/4" x 19" x 21"			
	Weight of crane shall not exceed 385 lbs			
	Lifting lug for transport			
	Paint – Auto Crane White			
	Compliance with ANSI B30.5 standards and OSHA regulations concerning crawler locomotives and truck cranes (OSHA Title 29, Part 1910.180)			

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(To be provided by User / Installer of crane)	Minimum truck chassis requirements: <ul style="list-style-type: none"> • 8,000 lbs. GVWR • 201,600 in-lbs RBM 			
	Outriggers shall be installed to increase stability and reduce the load on the truck while lifting			
	Alternator – 70 amp minimum			
	Battery <ul style="list-style-type: none"> • Heavy-duty, deep cycle, maintenance type • 625 cold cranking amp minimum • 100-minute reserve minimum 			
	22-feet of high current battery cable			

Boom – Lift	Lift angle: <ul style="list-style-type: none"> • From 0° to 75° • 6-working boom positions 			
	Lift cylinder <ul style="list-style-type: none"> • Manually activated via gas spring 			
Boom Extension	<ul style="list-style-type: none"> • Manually actuated • 3-boom positions lockable at <ul style="list-style-type: none"> ○ 5'-6" ○ 7' ○ 9' 			

Hoist	<ul style="list-style-type: none"> • Motor – 12V DC series wound, 1.9 HP, heavy duty • Actuator must have industrial grade gear box with worm brake • 38:1 worm gear reduction with 7.84:1 spur gear reduction providing non-slip braking • Consumer grade winch with permanent magnet motor is NOT acceptable 			
	Rated @ 2,000 lbs last layer capacity			
	Line speed of 30 ft/min. (single line) with no load			
	50-ft. of 1/4" diameter aircraft cable with 7,000 lbs. breaking strength compliance to ANSI Standards			

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Sheave	Anti-friction, high strength polymer with maintenance free, sealed needle roller bearing			
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Swivel Block	<ul style="list-style-type: none"> • Heavy-duty type with hook with latch 			
	<ul style="list-style-type: none"> • Provision for double line string up 			

Rotation	<ul style="list-style-type: none"> • 360° continuous manual rotation 			
	<ul style="list-style-type: none"> • Braking by means of manual handle 			

Control System	Handheld removable remote control pendant to operate crane functions			
	Pendant:			
	<ul style="list-style-type: none"> • 15-ft length attachable tethered cord with 4-pin connector • Switches shall be sealed with individual rubber boots • Operates – hoist functions only 			

Warranty	Manufacturer shall provide a two-year limited warranty against defects in materials and workmanship from the date of delivery			
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Options (Must be available as required)	Paint – provide code and desired color if other than standard			
	Boom Support shall be installed for the boom in a stowed position while in transit			

Notes:

Submitted by: _____

Date: _____