

# Bid Specifications – Service Body

## 85,000 ft-lbs Basic Capacity



**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	<b><u>Titan 85 Propane Service Body</u></b> <b>(Patented Design)</b> <b>120" CA / 58"/52"</b> <b>Tall</b>	Comply to Specification		Deviation from Specification
		Yes	No	
<b>Capacity</b>	Capable of handling up to 85,000 ft-lbs of crane moment load in all positions of rotation			
	Be stable with full-load crane with <b>rear outriggers</b> fully deployed when mounted on adequate chassis as specified below			
	<b>NO front corner outriggers</b> are required for stability			
<b>Specifications &amp; Standards</b>	<b>Overall dimensions (LxWxH)</b>			
	<ul style="list-style-type: none"> <li>169" x 94" x 52/58"</li> </ul>			
	Inside vertical compartment height:			
	<ul style="list-style-type: none"> <li>51.79" for 52" Tall Rear Comp.</li> <li>57.79" for 58" Front Comp.</li> </ul>			
	Inside vertical Crane compartment height:			
	<ul style="list-style-type: none"> <li>43.13"</li> </ul>			
	<b>Overall compartment depth:</b>			
	<ul style="list-style-type: none"> <li>22.00" (21.14" inside) for Tall Side</li> <li>22.00" (20.63" inside) for Short Side</li> </ul>			
<b>Weight (approximate):</b>				
<ul style="list-style-type: none"> <li>4350 lbs.</li> </ul>				
Minimum <b>truck chassis</b> of 11,400 lbs. GVWR, 34"-frame rail width and heavy-duty reinforced frame				
<b>Compartment storage space:</b>				
<ul style="list-style-type: none"> <li>85.59 cu. ft.</li> </ul>				
<b>Cargo Area</b>				
<ul style="list-style-type: none"> <li>72" <b>floor width</b> (without wheel wells)</li> </ul>				
<ul style="list-style-type: none"> <li>11-ga. A40 galvanneal tread plate for:                             <ul style="list-style-type: none"> <li>One piece floor</li> <li>Bulkhead plate</li> <li>Sides with integral compartment tops</li> </ul> </li> </ul>				

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<p><b>Tie Downs</b></p> <ul style="list-style-type: none"> <li>• (8) heavy-duty D-Ring tie downs</li> <li>• 6000-lbs rating each</li> </ul>			
<p><b>Drip rail</b> – full body length with integral gutter</p>			
<p><b>Door hinges &amp; pins:</b></p> <ul style="list-style-type: none"> <li>• Internal, stainless steel</li> <li>• Hinges are adjustable</li> </ul>			
<p><b>Door latches:</b></p> <ul style="list-style-type: none"> <li>• Compression style T-handle with adjustable cam</li> <li>• T-handle: <ul style="list-style-type: none"> <li>▪ Black powder coated receptacle</li> <li>▪ Zinc die cast</li> </ul> </li> <li>• Low profile design with large gripping surface</li> <li>• Zinc die cast padlock eye</li> <li>• Tamper resistant locking mechanism</li> <li>• Double-sided key</li> <li>• Individual body keying</li> </ul>			
<p><b>Door retainers:</b></p> <ul style="list-style-type: none"> <li>• Gas shock assemblies</li> <li>• Ext. Speed .01-.03 m/s</li> </ul>			
<p><b>Door frame gasket:</b></p> <ul style="list-style-type: none"> <li>• 80-durometer sponge and solid rubber</li> <li>• Bulge size .62” wide x .75” tall</li> <li>• Withstand 1 ½ ft-lbs impact @ -20° F</li> <li>• Heat resistance 150° F max.</li> <li>• Self-extinguishing</li> <li>• Passes Federal Spec. FSS-302</li> </ul>			
<p><b>Bottom vent</b> for bottled gas compartment</p>			
<p><b>Grab handle</b> – Heavy duty type handle with chrome plated finish</p>			
<p><b>Marker Light</b></p> <ul style="list-style-type: none"> <li>• 2-diode LED</li> <li>• Amber color for front of body</li> <li>• Red color for front of body</li> <li>• Meet federal lighting requirements</li> </ul>			
<p><b>Stop/Turn/Tail Light</b></p> <ul style="list-style-type: none"> <li>• Flush mounted, 4” round, 19-diode LED</li> <li>• Meet federal lighting requirements</li> </ul>			
<p><b>Back-up Light</b></p> <ul style="list-style-type: none"> <li>• Flush mounted, 4” round, white</li> <li>• Meet federal lighting requirements</li> </ul>			

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	<b>Fender Area:</b> <ul style="list-style-type: none"> <li>Fenderettes – Molded high impact ABS</li> </ul>			
	<b>Prime / Paint:</b> <ul style="list-style-type: none"> <li>Primed inside and outside with universal weathering polyurethane primer</li> <li>Full undercoating</li> </ul>			

<b>Structural Requirements</b>	Body shall have integrated support structure capable of handling the rated moment load in all positions without permanent deflection.			
	Continuous longitudinal frame with C6x8.2# structural channel			
	Structural cross sills consist of: <ul style="list-style-type: none"> <li>6"x4"x.25" tubing</li> <li>6"x2"x.18" tubing</li> </ul>			
	Compartment beneath crane is to be unobstructed by structural reinforcements.			
	Crane reinforcement shall be constructed of .38" formed steel plates with .50" minimum steel plate for compartment top beneath crane.			
	Body sheet metal shall be A40-galvanneal steel with a minimum of: <ul style="list-style-type: none"> <li>10-ga., formed one-piece continuous sides with integral ends</li> <li>11-ga. tread plate on all sides of cargo area and top of compartments. (Ref. Cargo Area above.)</li> <li>14-ga. door frames with integral compartment dividers</li> </ul>			
	Doors – double paneled, A40-galvanneal steel: <ul style="list-style-type: none"> <li>10-ga. for outer</li> <li>14-ga. formed for inner</li> <li>Shall be able to be opened and closed under load without loss of sealing characteristics</li> </ul>			
	Door frames shall have round corners to resist stress and cracking			

<b>Warranty</b>	Manufacturer shall provide: <ul style="list-style-type: none"> <li>A five-year limited body warranty against rust-thru from date of delivery</li> <li>A two-year limited warranty against defects in materials and workmanship from date of delivery for items not in the 5-year policy</li> </ul>			

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<b>Options</b> (Must be available as required)	<b>Shelving package</b> for 120” CA, consisting of: <ul style="list-style-type: none"> <li>• 8 adjustable shelves</li> <li>• 1 shelf with small parts dividers</li> <li>• 3 material hooks</li> </ul>			
	<b>Tool tray</b> <ul style="list-style-type: none"> <li>• 500-lbs rollout capacity</li> <li>• Latch closed</li> </ul>			
	<b>Compartment lighting</b> – rope light			
	<b>Flood light</b> – quartz type, 100,000 candle power			
	<b>Crane boom support</b> – adjustable to stowed boom angle			
	<b>Bumpers:</b> <ul style="list-style-type: none"> <li>• <u>30” type</u> with:                             <ul style="list-style-type: none"> <li>▪ 10-ga. A40-galvanneal steel top plate</li> <li>▪ Adhesive-back skid tapes for slip resistance</li> <li>▪ Integral full body-width step with galvanized steel open tread floor grating</li> </ul> </li> </ul>			
	<b>Outriggers – either:</b> <ul style="list-style-type: none"> <li>• <u>Full hydraulic activation</u> with:                             <ul style="list-style-type: none"> <li>▪ Central control valve including with Outriggers / Crane selector</li> <li>▪ Telescopic leg in/out for crane side</li> <li>▪ Fixed leg for the non-crane side</li> <li>▪ Telescopic up/down for both legs</li> </ul> </li> </ul>			
	<b>OR</b> <ul style="list-style-type: none"> <li>• <u>Full Manual activation</u> with:                             <ul style="list-style-type: none"> <li>▪ Telescopic leg in/out for crane side</li> <li>▪ Fixed leg for the non-crane side</li> <li>▪ Hand crank up/down for both legs</li> </ul> </li> </ul>			
	<b>OR</b> <ul style="list-style-type: none"> <li>• <u>Hydraulic/Manual activation</u> with:                             <ul style="list-style-type: none"> <li>▪ Manual telescopic leg in/out for crane side</li> <li>▪ Fixed leg for the non-crane side</li> <li>▪ Hydraulic telescopic up/down for both legs</li> </ul> </li> </ul>			
	<b>Paint</b> – provide code and desired color if other than standard			

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	For other body configurations or options not listed, please contact your authorized Auto Crane Distributor or Auto Crane Customer Service Representative			
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**Date:** \_\_\_\_\_