

**Annexure-II**  
**To be submitted by the firm along with offer-**

Tender specification		Spec. quoted by the firm	Deviation if any with clarification														
<b>TECHENICAL SPECIFICATION :</b> <b>Hydraulic power equipment with accessories and tooling arrangement for using Huck/ Avdelok fasteners.</b>																	
<b>1</b>	<b>Major Parameter</b>	<p><b>Capability:</b> for using Huck/Avdelok fasteners from 1/2"(12mm) to <b>7/8"</b> ( 22mm) in lieu of rivets on Railway Wagons during the course of carrying out POH/ROH. Power unit must have Inbuilt pressure gauges for Pull &amp; Return pressure.</p> <p><b>Working Pressure:</b>  <b>Pull</b> – - 8000 psi. (Approx)  <b>Return</b> - 3000psi (Approx)  <b>Delivery</b> : 3.1 LPM Minimum</p>															
<b>2</b>	<b>Minor Parameter</b>	<p>Power: Three phase 380/415 V ,5.3 Amps/50Hz  Length: 815mm Appx.  Width: 360mm Appx.  Height: 530mm Appx.  Hydraulic Pump- Radial Plunger pump  Control-24 Volt D.C Solenoid control directional valve coupled to a combination pressure control and relief valve</p>															
<b>3</b>	<b>Concomitant Accessories</b>	<table border="1"> <tr> <td>1. Hydraulic Installation Tool suitable for placing 1/2" (12mm)dia. Lockbolts, Stroke : 38mm aprox,Weight not more than 5 Kg aprox</td> <td>01 Nos.</td> </tr> <tr> <td>2. Hydraulic installation tool for placing 3/4" (20 mm) dia Lockbolts. Stroke: 50mm aprox. Weight not more than :7 Kg aprox</td> <td>01 Nos.</td> </tr> <tr> <td>3. Hydraulic Installation Tool suitable for placing 7/8" (22mm)dia Lockbolts: stroke: 50mm appx, Weight not more than 12 Kg aprox</td> <td>01 Nos.</td> </tr> <tr> <td>4. Nose assembly suitable for 1/2"(12mm)</td> <td>01 Nos.</td> </tr> <tr> <td>5. Nose assembly suitable for 3/4" 20mm)</td> <td>01 Nos.</td> </tr> <tr> <td>6. Nose assembly suitable for 7/8"(22mm)</td> <td>01 Nos.</td> </tr> <tr> <td>7. Hydraulic hose pipe( 24VDC)- 15 meter long</td> <td>01 No.</td> </tr> </table>	1. Hydraulic Installation Tool suitable for placing 1/2" (12mm)dia. Lockbolts, Stroke : 38mm aprox,Weight not more than 5 Kg aprox	01 Nos.	2. Hydraulic installation tool for placing 3/4" (20 mm) dia Lockbolts. Stroke: 50mm aprox. Weight not more than :7 Kg aprox	01 Nos.	3. Hydraulic Installation Tool suitable for placing 7/8" (22mm)dia Lockbolts: stroke: 50mm appx, Weight not more than 12 Kg aprox	01 Nos.	4. Nose assembly suitable for 1/2"(12mm)	01 Nos.	5. Nose assembly suitable for 3/4" 20mm)	01 Nos.	6. Nose assembly suitable for 7/8"(22mm)	01 Nos.	7. Hydraulic hose pipe( 24VDC)- 15 meter long	01 No.	
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<b>4</b>	<b>Optional accessories</b>	No															

<b>5</b>	<b>Spares</b>	No		
<b>6</b>	<b>AMC requirement</b>	No		
<b>7</b>	<b>Warrantee requirement.</b>	AS per IRS General condition.		
<b>8</b>	<b>Special requirement</b>	NO		