

**SCOPE OF WORK - REPAIR OF Tata P&H 955-2**

S.No.	Description	Remarks
1	<b>Objective:</b> Vertical shaft replacement. Removing the Horizontal propel shaft bushing in a carbody for bearing cap and HP shaft bring down the car body. Ensure sufficient clearance is available below.	
2	HP shaft jaw clutches bevel gears left and right sleeve assembly. For worn out components replacing the damaged drive bewel gear assembling sliding rings shifter yoke assembling. The horizontal propel shaft OAW clutches, bevel gear aligning properly to facilitate the probel system.	
3	Dismantling the cabing roof bring down from cabin, assembly, removing hoist rope, dismantling hoist brake band clutch lining, power lowering brake, air planetary brake operating levers from cabin assembling remove the drum shaft bearing cap bring down from cabin.	
4	Dismantling deck gears shifting assembling from car body removing and refitting car body upper bushes, bottom bushes, removing damaged vertical propel shaft bring down from car body. Re assembling new vertical shaft deck gear, shifter yoke checkin the gear backlash and aligning properly for free running.	To provide clearance in ground, digging work if any is in the scope of BHEL (Fact Civil)
5	Main hoist drum re assembly with car body, hoist drum assembly in to components checking for backlash with other functioning parts and locking the end bearing with corriect torque.	
6	Hoist brake bands hoist power lowering brake, pawlmechanism clutches assembly hoist drum shaft. Assembling and checking for effective running hydraulic operating mechanism, wheel cylinders air planetary. Brake chambers, assembly if any and checking througly functioning each components after assembly.	
7	Re assembling cabin, stopper pipe assy. 'A' frame assy, winding hoist rope, equalizer bar assembling applying grease and applying Dorsa compound.	
8	Lubricating line , rectifying the defective lines and assembling with car body.	
9	<b><u>Others</u></b>	
	Safety of the workmen is the sole responsibility of the contractor	
	Tools and tackles required for repair are in the scope of Contractor	
	The contractor and his/her workmen shall use the necessary safety equipment (like safety belts, helmets etc.,) and shall comply with BHEL safety rules.	
	Mobile crane, trailer lorry for shifting etc., are in the scope of the contractor	
	Vendor is requested to visit the site and see the condition of crane before participating in tender	
10	<b><u>PQC</u></b>	
	a) Vendors who have experience in operation / maintenance of mobile cranes.	

**Signature of the contractor**