

BID NO:

DT:

ANNEXURE -1

Technical delivery condition:

SL NO	TECHNICAL DESCRIPTION	VENDOR RESPONSE
1.	Driven Equipment: Reeling equipment with peak load experienced 3 times per minute for a duration of 3-4 secs.	
2.	Type of Load: Heavy Shock Load	
3.	4-point greasing system shall be adopted.	
4.	Split bearing eye design to be adopted without compromising on the load factor and deflection angle.	
5.	100% forged yoke and cross.	
6.	Flange yoke, weld yoke and spline yoke material shall be EN8 conforming to BS970-1955 standard. To be hardened and tempered to 25-30 HRC	
7.	UJ cross material shall be 20MnCr5. To be hardened and tempered to 58HRC.	
8.	Spline material shall be EN19 conforming to BS970-1955 standard. To be hardened and tempered to 40HRC	
9.	Needle Roller shall be made from high carbon chromium bearing steel. It shall be finished to hardness of more than 58 HRC and surface roughness of 0.4mRa.	
10.	Surface Roughness of 0.8mRa to be maintained on the bearing raceway surface in UJ cross and bearing cup ID.	
11.	2 nos of cross kit with bearing and circlip shall be supplied along with UJ shaft.	
12.	Equivalent material shall be used in Sl no-6,7,8,9 on approval by M/S BHEL.	
13.	Pre dispatch Inspection: Inspection report consisting of dimension, Chemical composition and hardness tested by Vendor shall be sent to M/S BHEL. On concurrence material shall be dispatched to SSTP stores.	
14.	Final Inspection: Dimension, deflection angle, chemical composition and hardness of all materials will be checked as per TDC will be checked.	