आरडिका / रायबरेली

MODERN COACH FACTORY, RAEBARELI

No. MD44131 **Date: 11.08.2025**

Sub: M&P requirement for manufacturing of Locking Pin to PL No.33500496.
Ref: This office letter no. RBL-MD34826 dated 20.05.2025 regarding subject item.

There is no STR available for above subject item. Minimum infrastructural requirement for this item is given below and same may be used for Capacity cum Capability Assessment (CCA) purpose.

SN.	Description of Infrastructure	Requirement
1.	Band Saw / Billet shearing machine / Pantograph type Plasma Profile cutting machine	In-house
2.	Furnace for heating the round bar/billet etc.	
3.	At least one drop hammer with minimum capacity of 1.5 Ton	
4.	Heat Treatment Furnace	
5.	CNC Machining Center of suitable capacity	
6.	Hand Grinder	
7.	Levelled surface plate of adequate size	
8.	Vernier Caliper of range 0-50 mm	
9.	Micrometer of range 0-40 mm	
10.	Set of Radius Gauge	
11.	Surface finish comparators	
12.	Metallurgical microscope of standard makes having 1000X magnification and with photographic attachment	
13.	Spectrometer for chemical analysis	In-house or Tie-up
14.	Universal testing machine of 40t capacity with load/deflection plotting arrangement to conduct UTS, Yield Strength.	
15.	Impact testing machine to conduct Izod test	
16.	BHN testing machine with necessary standard test piece. The hardness testing machine shall have capacity to apply 3000kgs load on one test specimen.	
17.	Magnetic Particle Testing Machine	In-house
18.	Dye Penetrant Test facility	
19.	Suitable thread Guage (Go & No-Go gauge)	
20.	Suitable Protector to measure chamfer angle	

May kindly be reviewed and permitted to use of above for assessing the firm in CCA, if agreed.

30/07/2025
SSE/MD/Bogie

AME/Design 02/08/25

Dy. CME/Design-I 06.08.25

CDE 7/8/25

MCF/RBL