

### Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 17:00:00
Bid Opening Date/Time	20-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Secr
Total Quantity	182
Item Category	Lithium Base Grease for Automotive Purposes
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	51169

#### EMD Detail

Required	No
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#### ePBG Detail

Required	No
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#### Splitting

Bid splitting not applied.

### Lithium Base Grease For Automotive Purposes ( 182 kilogram )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Grade	<b>Grade of Lithium Base Grease for Automotive Purposes</b>	Grade 2	Grade 2
Requirement for Lithium Base Grease for Automotive Purposes	"Consistency of worked grease at 25±5°C : Unworked Penetration"	Shall not differ by more than 10 units from 60 strokes	*
	"Consistency of worked grease at 25±5°C : 60 double strokes "	265-295	*
	"Consistency of worked grease at 25±5°C : 10000 strokes "	Shall not differ by more than 20 units from 60 strokes	*
	"Consistency of worked grease at 25±5°C : 100000 strokes "	"Shall not differ by more than 30 units from the 60 double strokes "	*
	"Free organic acidity (as oleic), percent by mass, Max"	0.3	*
	"Free alkalinity (as LiOH) percent by mass, Max"	0.2	*
	Drop point, °C, Min	180	*
	<b>Kinematic viscosity of the extracted mineral oil from the grease at 100°C in mm<sup>2</sup>/Sec</b>	16	16
	Copper strip corrosion at 100°C for 24 hours	Negative	*
	"Leakage and deposit forming tendencies (wheel bearing test ): Leakage by mass (g), Max"	5	*
	"Leakage and deposit forming tendencies (wheel bearing test ): Deposits in the wheel bearing races or rollers "	Shall be free from deposits	*
	"Leakage and deposit forming tendencies	To be reported	*

	(wheel bearing test ): Evidence of abnormal changes in the consistency or structure of the material "		
	"Leakage and deposit forming tendencies (wheel bearing test ): Indication of dry running of races "	To be reported	*
	"Resistance to water wash at 80°C, percent loss by mass, Max"	10	*
	"Heat stability, percent loss by mass, Max"	6	*
	"Oxidation stability ( 100 h) drop in pressure kg/cm2, Max "	0.5	*
	Wear scar dia mm, Min	0.6	*
	Roll stability test penetration change percent after 16 hr,Max	25	*
	Corrosion preventive test, rating, Max	Pass	*
	Elastomer NBRL compatibility volume change percent	(-5 to +30)	*
	Molybdenum disulphide content, percent by mass, Min	NA	*
	Life performance of wheel bearing hr, Min	40	*
	"Low temperature torque test at -20°C, Max "	15.5	*
Packing , Marking and Labelling	The material shall be packed in metal or any other suitable containers as agreed to between the purchaser and the supplier	MS Barrels	*
	Packing size (Kg)	182	*
	"The containers shall be securely closed and marked with the following: a) Indication of the source of manufacture; b) Name, type and grade of the	YES	*

	material; c) Net mass of the material; d) Date of manufacture; e) Recognized trade-mark, if any; and f) Identification in code or otherwise to enable the lot of consignment or manufacture to be traced back "		
	The containers may also be marked with the Standard Mark	YES	*
Certification	Conforming to IS:12203 (Latest)	YES	*
	Whether ISI Marked	NO	*
	CM/L Number (Must declare if ISI Marked)	YES	*
	RDSO Approval	NA	*
	RDSO approval certificate to be submitted to the buyer on demand	NA	*
Test Report Details	Availability of Test Report from Central Govt/ State Govt/NABL/ILAC accredited lab (hint: Must be declared)	YES	*
	Test Report to be furnished to the Buyer on demand (Must be declared, write NA if Test Report is not available)	YES	*

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Binod Kumar Bajpai	492008,Sr DMM SECR DRM Office , South East Central Railway	182	30

## **Bid Specific Additional Terms and Conditions**

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**