

### Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 10:00:00
Bid Opening Date/Time	23-07-2020 10:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Pmo
Department Name	Department Of Atomic Energy
Organisation Name	Uranium Corporation Of India Limited
Office Name	Jaduguda
Total Quantity	20
Item Category	Lithium Base Grease for Automotive Purposes ( <b>PAC Only</b> )
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

### 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 ( 20 kilogram ) ( Under PAC )**

Make	veedol
Model	ap3grease

## 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 3	Grade 3
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 "	220-250	*
	"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 mm2/Sec</b>	14.6	14.6
	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	Shall be free from deposits	*

	bearing races or rollers "		
	"Leakage and deposit forming tendencies (wheel bearing test ): Evidence of abnormal changes in the consistency or structure of the material "	To be reported	*
	"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	YES	*

	marked with the following: a) Indication of the source of manufacture; b) Name, type and grade of the 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)	NO	*
	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
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1	Sheikh Mohammed Shamim	832107,UCIL TURAMDIH MINES , PO- SUNDARNAGER , DIST-EAST SINGHBHUM,JAMSHEDPUR JHARKHAND	20	30
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### **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---**