

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 14:00:00
Bid Opening Date/Time	27-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Coal
Department Name	Materials Management
Organisation Name	South Eastern Coalfields Limited
Office Name	Sec1 Bilaspur Cg
Total Quantity	1092
Item Category	Lithium Base Grease for Industrial 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

### 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 Industrial Purposes ( 1092 pieces )

#### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Types	Type	Extreme pressure ( EP )	Extreme pressure ( EP )
Grade	Grade of Lithium Base Grease for Industrial	Grade 2	Grade 2

	Purposes		
Requirement for Lithium Base Grease for Industrial Purposes	<b>"Consistency of worked grease at 25±5°C : 60 double strokes "</b>	265-295 for grade 2	265-295 for grade 2
	"Consistency of worked grease at 25±5°C : 100000 strokes "	"Shall not differ by more than 30 units from the 60 double strokes "	*
	<b>"Free organic acidity (as oleic), percent by mass, Max"</b>	0.1 (for 1, 2, 3 grade)	0.1 (for 1, 2, 3 grade)
	"Free alkalinity (as LiOH) percent by mass, Max"	NA for Extreme pressure (EP-3)	*
	Drop point, °C, Min	180	*
	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 (wheel bearing test ): Evidence of abnormal changes in the consistency or structure of the material "	Observations are to be reported	*
	"Leakage and deposit forming tendencies (wheel bearing test ): Indication of dry running of races "	No dry running of races	*
	"Resistance to water wash at 80°C, percent loss by mass, Max"	15 (for 1, 2, 3 grade)	*
	"Heat stability, percent loss by mass, Max"	6 for Extreme pressure (EP-3) type	*
	"Oxidation stability ( 100 h) drop in pressure kg/cm <sup>2</sup> , Max "	0.7 for Extreme pressure (EP-3) type	*
	"Freedom from deleterious particles, permitted number of scratches, Max"	0.7 (for 1, 2, 3 grade)	*
	Roll stability test penetration change percent after 16 hr, Max	25	*
	Corrosion preventive test, rating, Max	1	*
	IP dynamic antirust test, rating, Max	0	*
	"Low temperature torque test at -20°C : Starting torque,gm/cm, Max"	5000	*
	"Low temperature torque test at -20°C : Running	1000	*

	torque gm/cm, Max "		
	Four ball wear load kg, Min	200 (for EP, EP-3 type)	*
	Four ball wear scar dia, mm, Max	0.6 (for EP, EP-3 type)	*
	Timken OK load, (kg), Min	20 for EP type	*
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	*
Certification	Conformity to specification	IS : 7623 (Latest)	*
	Whether ISI Marked	NO	*
	CM/L Number (Must declare if ISI Marked)	-	*
	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	C. Vijaya Kumar	497335,GM OFFICE BAIKUNTHPUR, KOREA DISTRICT	1092	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---**