

### Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 12:00:00
Bid Opening Date/Time	24-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (Days)
Ministry/State Name	Ministry Of Coal
Department Name	Materials Management
Organisation Name	Northern Coalfields Limited
Office Name	Nagpur
Total Quantity	1
Item Category	Sodium sulphate
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.

### Sodium Sulphate ( 1 kilogram )

#### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Grade	<b>Grades (Technical grade)</b>	Grade A - used as a diluent for dyestuffs and detergents	Grade A - used as a diluent for dyestuffs and detergents
Requirements	Description	Material shall consist essentially of sodium sulphate, anhydrous, It shall be in the form of a white, free-flowing powder, free from visible impurities and shall be almost completely soluble in water	*
	Sodium sulphate (as Na <sub>2</sub> SO <sub>4</sub> ) percent by mass, Min	99.00	*
	Matter insoluble in water, percent by mass, Max	0.25	*
	Chlorides ( as NaCl ), percent by mass, Max	0.20	*
	Iron, aluminum and chromium as (R <sub>2</sub> O <sub>3</sub> ), percent by mass, Max	0.02	*
	Iron ( as Fe ), percent by mass, Max	0.002	*
	Loss on drying, percent by mass, Max	0.50	*
	pH ( of 10 percent solution )	7.5 to 8.0	*
	Chemical formula	Na <sub>2</sub> .SO <sub>4</sub>	*
	Molecular weight (g/mol)	142.04	*
	Grade	-	*
	Assay (Na <sub>2</sub> SO <sub>4</sub> ; after drying) (%)	≥ 99.0	*
	Insoluble matter(%)	≤0.01	*
	pH-value (5%; water, 25°C)	5.2-9.2	*
	Chloride (Cl)(%)	≤0.001	*
	Total nitrogen (N)(%)	≤0.0005	*
	Calcium (Ca)(%)	≤0.01	*
	Phosphate (PO <sub>4</sub> )(%)	≤0.001	*
	Iron (Fe)(%)	≤ 0.001	*

	Potassium (K)(%)	≤ 0.01	*
	Heavy metals (as Pb)(%)	≤ 0.0005	*
	Magnesium (Mg)(%)	≤ 0.005	*
	Loss on ignition (800°C)	≤ 0.5	*
	Physical form of material	Crystal	*
	Colour of material	-	*
Packing	The material shall be packed as agreed to between the purchaser and the supplier	Yes	*
	<b>Packing size (in kg)</b>	1	1
Marking	The packages shall be legibly marked with the following information : a)Name and grade of the material; b)Net mass of the material; c)Year of manufacture; d)Manufacturer's name or his recognized trade-mark, if any; and e)Batch number, to enable the batch of manufacture to be traced from records	yes	*
	The product may also be marked with Standard mark	yes	*
Shelf Life	<b>Shelf Life (years)</b>	4	4
Certification	Conformity to BIS specifications IS: 255(latest)	NA	*
	Whether ISI marked	No	*
	CM/L Number(Must declare if ISI Marked)	NA	*
Test Report Details	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	No	*
	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	NA	*

- \* 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	Abhay Kumar	440015,CMPDI CAMPUS, KASTURBA NAGAR, JARIPATKA, NAGPUR	1	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---**