

### Bid Document

Bid Details	
Bid End Date/Time	28-07-2020 12:00:00
Bid Opening Date/Time	28-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Na
Organisation Name	N/a
Office Name	Bhakra Beas Management Board, Chandigarh
Total Quantity	840
Item Category	Oil Hydraulic
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.

### Oil Hydraulic ( 840 liter )

#### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Grade	Grade of Oil Hydraulic	VG-46	VG-46
REQUIREMENTS FOR OIL HYDRAULIC	Kinematic viscosity at 40°C,cSt	(41.4-50.6) for VG 46 grade	(28.8-35.2) for VG 32 grade, (41.4-50.6) for VG 46 grade,

			(61.2-74.8) for VG 68 grade, 90.11 for VG 100grade, (135-165) for VG 150 grade, (170-180) for VG 176 grade, (119-123) for VG 121 grade, (210-230) for VG 220 grade, (315-350) for VG 320 grade, (440-500) for VG 460 grade
	Viscosity index, Min	90	*
	Pour point, °C, Max	Minus 3 (for VG 32, VG 46, 176, 121, 220, 320, 460 grade)	*
	Neutralization number, mg KOH per g of oil, Max	1.5	*
	Flash point, Cleveland open cup, °C, Min	180 (for VG 32, VG 46 grade)	*
	Rust preventing characteristics	Shall pass the test B after 24 hours	*
	Foam stability after 10 minutes settling time, At 24°C,ml , Max	NIL	*
	Foam stability after 10 minutes settling time, At 93°C,ml , Max	NIL	*
	Foam stability after 10 minutes settling time, At 24°C after cooling down from 93°C, ml , Max	NIL	*
	oxidation test: Hours to reach acidity of 2 mg KOH/g of oil, Min	1000 (for VG 32, VG 46, VG 68, VG 100, 176, 121, 220, 320, 460 grade)	*
	Pump wear (Vickers 104C pump test ); Total ring vane loss, in 250 hours, mg, Max	100	*
	Copper strip corrosion for 3 hours at 100°C	Not worse than No. 1	*
	Emulsion characteristics, Max	40-37-3 (20)	*
	Air release value, minutes to 0 point 2 pcrnt volume air content at 50°C, Max	10 for VG 46 grade	*
	Seal compatibility test Volume change	± 4 Percent	*
	Seal compatibility test Change in shore hardness	1 to + 4	*
	FZG-Niemann EP test, pass load stage, Min	8th	*
Packing , Marking and Labelling	The material shall be packed in containers of metal or any other suitable material as agreed to between the purchaser and the supplier	MS Barrel	*
	Packing Size (Litres)	210	*
Certification	Conformity to specification	IS : 10522 (Latest)	*
	Whether ISI Marked	NO	*

	CM/L Number(Must declare if ISI Marked)	-	*
	RDSO Approval	YES	*
	RDSO approval certificate to be submitted to the buyer on demand	YES	*
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	Kuldip Singh	140124,Bhakra Beas Management Board, Irrigation Wing, NANGAL TOWNSHIP	840	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---