

OIL & GAS DEVELOPMENT COMPANY LIMITED
PROCUREMENT DEPARTMENT, ISLAMABAD
FOREIGN SECTION A

(To be completed, filled in, signed and stamped by the principal)

ANNEXURE 'A'

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Material Procurement of Hot Oil
Tender Enquiry No PROC-FA/CB/P&P/HOT OIL-4716/2020
Due Date
Evaluation Criteria FULL PKG.

SCHEDULE OF REQUIREMENT

Sr No	Description	Unit	Quantity	Unit Price (FOB)	Total Price (FOB)	Unit Price C & F BY SEA	Total Price C & F BY SEA	Deviated From Tender Spec. If Any
1	HEAT TRANSFER FLUID (HOT OIL), AS PER ATTACHED SPECIFICATION AND TOR	Litre	20800					
2	HEAT TRANSFER FLUID (HOT OIL), AS PER ATTACHED SPECIFICATION AND TOR	Litre	10400					
3	HEAT TRANSFER FLUID (HOT OIL), AS PER ATTACHED SPECIFICATION AND TOR	Litre	31200					
4	HEAT TRANSFER FLUID (HOT OIL), AS PER ATTACHED SPECIFICATION AND TOR	Litre	62400					

Note:

- Bid Bond Amount:** Bid(s) must be accompanied by an upfront bid bond in the form of pay order/ demand draft or bank guarantee issued by scheduled bank of Pakistan or a branch of foreign bank operating in Pakistan for an amount of US \$15,000/= (United States Dollar Fifteen Thousand Only) or equivalent Pak Rupees, with technical bid and valid for 150 days from the date of opening of the bids.
- Delivery period:** Delivery period of the quoted product should not be more than 120 days from the date of establishment of Letter of Credit (LC).

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Hot Oil

OGDCL invite bids for the supply of 1,45,600 Liter hot oil in accordance with the terms and conditions specified in the Tender Documents.

1. Scope of Work

The following scope of supply shall be applicable for supply of hot oil.

- 1.1 Supply of hot oil as per quantity mentioned at SOR.
- 1.2 Provide operating guidelines and technical literature for the proper usage of hot oil.
- 1.3 Technical support services throughout the usage of supplied hot oil as per Clause-7 on as and when requirement basis.
- 1.4 Provide details of testing/monitoring parameters required to monitor the performance, quality and operatibility of supplied hot oil.

2. Basis for Selection of Hot Oil**Specifications**

The offered hot oil shall follows below listed minimum specifications. For all other specs which has significant effect on hot oil system and operation, the offered brand should follows the specifications of Therminol-66 & Dowtherm RP.

S.No.	Parameters	Requirement
1	Appearance	Clear , pale yellow liquid
2	Composition	Modified terphenyl or compatible for mixing
3	Avg Mol, Wt	252
4	Moisture contents	150 ppm (Max)
5	Flash point COC(ASTM D-92)	184 °C (Min) (363 °F)
6	Fire point	212 °C (Min) (413 °F)
7	Auto ignition temperature	374 °C (Min) (705 °F)
8	Boiling point	359 °C (Min) (678 °F)
9	Maximum film temperature	375 °C (Min) (705 °F)
10	Bulk operating temperature	345 °C (650 °F)
11	Pour Point	-32 °C (-25 °F)
12	Kinematic Viscosity at 40 °C	29.6 mm ² /S (cSt)
13	Kinematic Viscosity at 100 °C	3.80 mm ² /S (cSt)
14	Pumpability at 300 mm ² /S (cSt)	11 °C (52 °F)
15	Liquid Density at 15 °C (ASTM D-4052)	1012 Kg/m ³ (8.44 lb/gal)
16	Liquid Density at 25 °C (ASTM D-4052)	1005 Kg/m ³ (8.40 lb/gal)

17	Dielectric Content @23oC(ASTM D-924)	2.61
18	Copper Corrosion (ASTM D-130)	<<1a

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3. Necessary Bid Data

3.1 Clients / Sales Achievement in Pakistan (for similar application)

Bidder has to furnish two letter of recommendation/performance comments of the client/user from any reputed petrochemical company whom they have supplied not less than 50,000 Liter of Hot Oil and one letter is mandatory from Pakistan Gas Processing plants while the Bidder who supplied the same chemical to OGDCL through bidding procedure and subsequently having satisfactory performance is not required to submit letter of recommendation while attach the copy of PO with quantity supplied.

S.No	Name of client with address and phone Nos.	Contract/Purchase order No. with date	Quantity Supplied

3.2 Necessary Attachments with Bid

S.No	Description
01	Original authority letter issued by the manufacturer to bidder and local agent for quoting their product against specific tender enquiry
02	Complete product data memorandum, specifications, application notes, storage, and handling.
03	Compatibility certificate/declaration with existing in use hot oil as per Clause-6.6.
04	MSDS and valid ISO-9001 & ISO-14001 certificates of manufacturer
05	Fresh 3 rd party analysis report w.r.t specifications at Clause-2
06	Client list in Pakistan as per format given at Clause-3.1
07	Two letters of recommendation / performance (as per Clause-6.8)

3.3 Bid Summary Sheet

Bid summary sheet should be mentioned at least following information/data.

S. No.	Description	
01	A	Name of Bidder
	B	Name of authorized signatory of bidder
	C	Complete address, phone, fax numbers, web site and email of bidder
02	A	Name of Local agent
	B	Name of authorized signatory of local agent

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	C	Complete address, phone, fax numbers, web site and email of local agent	
03	A	Name of manufacturer	
	B	Complete address, phone, fax numbers, email and website of manufacturer	
04		Brand Name of Product	
05		Country of origin/manufacturing facility	
06		Port of shipment	
07		Minimum shelf life of product	
08		Delivery period	

4. **Packing**

- 4.1 Material will be supplied in brand new drums as per manufacturer's specification. Packing should be of international standard (pelletized packing)
- 4.2 Each drum should be clearly marked with contract no., chemical name, and name of manufacturer, net & gross weights, lot/batch No. and expiry date.

5. **Delivery Period**

Hot oil should be delivered in minimum possible time not more than 120 days after LC opening.

6. **Specific Conditions and Vendor/bidder Liabilities**

The company (OGDCL) invites bids from bidders for the supply of hot oil in accordance with the terms and conditions listed below:

- 6.1 Only genuine manufacturers having manufacturing experience at least 07 years will be considered for technical evaluation duly supported by valid ISO certificates for manufacturing / production of offered hot oil. Trade houses and stockiest will not be treated as manufacturers.
- 6.2 Bidder should submit two sets of technical bid (01 original and 01 copy). All documents listed at Clause 3 must be attached with bid.
- 6.3 It shall be mandatory for the Vendor/ Manufacturer to have local presence in Pakistan to render technical assistance to OGDCL in shortest possible time and efficient manner. Vendor shall provide CV of their technical support staff with their bid.
- 6.4 Bidder shall provide complete details with their technical bid for the storage, handling and topping/mixing procedure of their hot oil with other brands.
- 6.5 Service life of the offered hot oil shall be at least 3 years.
- 6.6 Bidder will have to confirm and submit a firm declaration (on original manufacturer letterhead) regarding:
 - a. Compatibility/equivalency of quoted hot oil with Therminol 66 for future mixing and topping.
 - b. Quoted hot oil not reactive with Therminol 66 nor degraded (loss of chemical properties) upon mixing/topping.

- c. Bidder / manufacturer shall have guaranteed on his letterhead that their offered hot oil will fulfill process requirement as per mentioned brand of hot oil i.e. Therminol 66.
- 6.7 For any bidder who quotes Therminol 66 should also have to submit declaration as per Clause (6.5) for other equivalent brand(s).
- 6.8 If bidder did not supply hot oil to OGDCL previously, they will have to submit two performance / recommendation letters from their clients (at least one from Pakistan) to whom they supplied at least 50,400 L of the quoted hot oil during last 10 years.
- 6.9 Bidder will have to mention all the testing/monitoring parameters required to evaluate the quality, performance and operability of their quoted hot oil.
- 6.10 Specifications of quoted hot oil must be mentioned clearly, word accepted or complied will not acceptable. Shelf life of quoted hot oil is not less than 03 years.
- 6.11 OGDCL will carry out 3rd party pre-shipment inspection at its own cost from approved firms. The TPI firm will submit report directly to OGDCL and consignment will only be shipped after acceptance/endorsement of TPI report(s) by OGDCL.
- 6.12 Bidder will responsible to arrange a fully sponsored visit of 02 OGDCL officials to manufacturing facility for training and in order to authenticate quality control setup of manufacturer at their manufacturing facility. Bidder will have to quote the visit cost separately which will be included in financial evaluation however payment will only be made if OGDCL avail the visit.
- 6.13 Material must have to be lift back by the vendor if found not as per technical specifications of this particular tender enquiry even after its receipts at the OGDCL base store and shall have to replace with the material conforming to technical specifications within 90 days, with no additional cost to OGDCL.

7. Technical Services

- 7.1 Local agent will be responsible to arrange their technical expert to any OGDCL plant for troubleshooting throughout the usage of their supplied hot oil on as and when required basis (not more than two visits per year).
- 7.2 For above visits or additional visits, bidder can quote separate prices which will not include in financial evaluation and should be valid for two years. Bidder quoting irrational price will be considered for rejection at financial evaluation stage.
- 7.3 Local agent will be responsible to arrange complete analysis of hot oil sample(s) from manufacturer's testing / R&D facility on as and when required basis and will clearly mention the number of samples. Analysis parameters and analysis charges must be quoted separately (not included in financial evaluation) and shall be valid for 02 years however payment will only be made for such analysis if availed by OGDCL as per quoted rates. Analysis of hot oil samples includes sample collection, transportation/shipment to lab facility and complete lab analysis.
- 7.4 Acceptance of following perpetual technical support.
 - i. Telephonic / email conversations, no limits
 - ii. Update of new product/development

