भारत का राजदूतावास
EMBASSY OF INDIA
EMBAJADA DE LA INDIA
मैड्रिड (MADRID)

सत्यमेव जयते

MAD/DW/13/4 (PC-II) 10 August 2026

REQUEST FOR TENDER : SHIP – HUSBANDING SERVICES

1. The Embassy of India in Madrid invites a sealed tender from companies to provide ship-husbanding services and supply of provisions for Indian Naval Ship (INS) TRISHUL visiting Valencia from 30 September 2026 to 03 October 2026, as a part of Operational Turn Around. Considering the nature of services and supplies, the tender will be evaluated in single stage i.e. only commercial bids are required to be submitted. The bidders are requested to carefully read and understand the clauses of the draft rate contract placed at enclosure and quote for Ship - Husbanding Services as per Annexure-I and supply of provisions as per Annexure-II of the draft contract. The companies qualifying following criteria can only bid for the tender: -

(a) The company should be registered in Spain.

(b) The company should not have suffered losses in past 3 years.

(c) The company should not have been debarred from providing services to the Government of India or the Government of Spain.

(d) The company should have a minimum of **three years' experience** in providing Ship Husbanding Services and shall have successfully completed at least three similar contracts, during the preceding five years.

2. The ship details are as follows: -

(a)	Type	-	Frigate
(b)	Length (Meters)	-	124.8
(c)	Breadth (Meters)	-	15.2
(d)	Draught (Meters)	-	6.2
(e)	Displacement (Tons)	-	3905 T

3. The quote must be received by Registered/ Express Post in sealed envelopes along with Company Profile (as Para 1 above) at following address by 1000 hrs on 10 September 2026:

Defence Wing,
Embassy of India, Madrid
Avenida Pío XII, 30-32,
28016 Madrid, Spain

Queries related to this tender, if any, is to be forwarded at following e-mail Id: da.madrid@mea.gov.in and daoffice.madrid@mea.gov.in

4. The quotation will be opened at **1200 hrs** on **10 September 2026.** Agencies may need to depute suitable representative to clarify any doubt, if any, in relation to the quotations after the opening of the quotations by the Embassy.

भारत का राजदूतावास
EMBASSY OF INDIA
EMBAJADA DE LA INDIA
मैड्रिड (MADRID)

सत्यमेव जयते

5. The ship is expected to remain at the Port of Valencia for approximately four (04) days, from 30 September to 03 October 2026. The arrival, departure, and duration of stay are subject to change due to weather conditions, wind patterns, or other operational requirements. **Firm dates will be confirmed in due course.**

6. It is anticipated that Scope of Work for ship husbanding services and supply of provisions will not be limited to as per Annexure I & Annexure II of the draft contract. In the event of the services being provided gratis by the host Navy or if found not necessary, will not be asked for. The CST (comparative statement) shall only be made on basis of services which are likely to be required for Ship's arrival and will not include service promised on gratis by host Government.

7. No advance payment will be made. Payment for the services will be made by the Embassy of India, Madrid, Spain by bank transfer within 30 days on receipt of invoices, after completion the the visit. Payment will be made in Euros to the designated Spain-based bank account.

8. The Embassy of India, Madrid, is entitled to Value Added Tax (VAT) exemption and/or refund, as applicable, in accordance with prevailing regulations. Accordingly, for any service that attracts VAT at any stage, the invoice for such service shall be raised strictly in the name of the Embassy of India, Madrid. In cases where services rendered to the ship and its crew are exempt from VAT, the contractor shall submit a separate certification confirming that no VAT has been charged or paid at any stage for any of the services provided. With specific reference to fuel, fuel supplied to a ship on a diplomatic mission is exempt from VAT in accordance with Article 148 of Directive 2006/112/EC. The Contractor shall supply fuel at the actual price charged by the fuel supplier. The Contractor shall submit to the Principal the original delivery/receipt note, duly endorsed and stamped by the ship's crew, together with the invoice issued by the third-party fuel supplier, clearly certifying that the fuel supplied to the ship is exempt from VAT.

9. Please submit price quotation for the items/services listed in Annexures I & II strictly in the prescribed format and against the specified units to ensure uniform comparison. All rates must be quoted in Euros (€) only. Quotations that leave any items/services unpriced will be considered non-responsive and may be rejected.

भारत का राजदूतावास, मैड्रिड Embassy of India, Madrid रा० १

(Vikram Jeet Singh)
Air Commodore
Defence Attaché
Embassy of India, Madrid

Encl: - Draft Contract

10 Aug 2026

ADDRESS: AVENIDA DE PÍO XII Nº 30, 28016 MADRID
EMBASSY RECEPTION NUMBER: +34 91 309 88 82 FAX (CHANCERY): 0034 913451112 FAX (CONSULAR): 0034 913451900

DRAFT CONTRACT FOR PROVIDING SHIP HUSBANDING SERVICES TO INDIAN NAVAL SHIP TRISHUL VISITING VALENCIA FROM 30 SEPTEMBER TO 03 OCTOBER 2026

1. This Contract is made between the Embassy of India, Madrid, (Principal) and _____ (Contractor).

2. **General.** Ship Husbanding Services and Supplies as required for the Indian Naval Ship (INS) TRISHUL visiting Valencia from 30 Sep 26 to 03 Oct 26. The purpose of this Contract is to define responsibilities and provide the terms and conditions under which Principal and Contractor operate this Contract.

3. **Effective Date.** The contract will be effective from date of signing of contract up to 15 December 2026. The contractor will continue to support the requirement of the Principal in accordance with the terms and conditions in the existing contract till 25 December 2026 or mutually terminated before.

4. **Definitions – Day.** The definition of a day for various services will be from **0001 – 2359 hrs** on a given date.

5. **Authority for placing Order.** The authority for placing order on behalf of the Principal will be Defence Attaché or Assistant Defence Attaché or any other person(s) as authorized by Defence Attaché.

6. **Logistics Requirement.** Logistics Requirement (LOGREQ) is defined as the firm placement of order by the Principal. Any enquiry/ information sought for price estimates/ availability should not be construed as a LOGREQ.

7. **Notification of Required Services.** Principal shall provide, via email/Fax, a copy of the final Logistic Requirement (LOGREQ) message or other message directly to the Contractor at least 3 local working days (at the port of call) prior to the port call.

8. **Diplomatic Clearance.** The Principal will ensure that the approved Diplomatic Clearance is forwarded to the Contractor.

9. **Ship Husbanding Services.** Husbanding Services will be arranged as per the Logistics Requirement (LOGREQ) provided by the Principal. In addition, the contractor is to arrange supply of provisions as per the requirement specified by the Principal. For sewage collection, the empty volume of the bowser must be stated to the vessel on arrival or as advised by the Principal. Port entry passes for men, vehicles and material being used/ hired by the Principal is to be obtained by the Contractor. The contractor should also carry out Custom and Immigration clearance at the Airport/ Seaport, arrange delivery of consignments onboard the visiting ship, facilitate medical treatment of the ship's crew, sign in/ off, port entry/ exit of guests during reception, ship open to visitors etc. Diving permission for post sailing checks and fuelling permission during the stay of the ship is also to be obtained by the Contractor as requested by the Principal.

10. **Contractor's Responsibilities.** Contractor shall arrange Ship Husbanding Services and other supplies / services as requested by the Principal. Performance of the services/ delivery of goods includes providing any line item(s) or portions thereof which may be required in accordance with the terms of this Contract or Port Tariffs set out in Pricing Schedule. The quality of all services rendered/ goods supplied shall conform to the highest standards possible in the industry. All services shall be rendered by or supervised directly by individuals fully qualified in the relevant profession, trade, or field and timely rendering of services/ delivery of goods is to be ensured. In the event where services and Fuel / Provision / non contracted services/ goods are arranged through subcontracting (by different suppliers), it would be the responsibility of the contractor to coordinate necessary clearances from port and other authorities for the designated supplier(s) to deliver goods/ render services to visiting ship(s). While the non-contracted services/ goods supplier(s) will also be directed to liaise and coordinate with the Contractor to provide relevant information for port clearance, the contractor would act as main coordinator and ensure that there are minimum operational disruptions during provision of the services and fuel.

11. **Exchange of Information.** An important requirement of services under this Contract is to ensure a prompt exchange of information between Contractor and the Principal. Contractor will keep the Principal or its designated representative informed of the status of delivery of supplies and services. Problems, delays in service, schedule changes, conflicts in schedule and any other questions encountered by the Contractor should be brought to the attention of the appropriate point of contact (Principal's Office / vessel or its designated representative) as soon as possible. Intimation of problems / delays does not however alter, modify or nullify liability of the Contractor towards the Principal or the vessel and its authorised representative as otherwise stipulated in the contract.

12. **Personnel.** All personnel employed by the Contractor to deal directly with the Vessel must speak and understand English and be able to discuss technical aspects of shipboard requirements and services available within the port. If the same is not possible, the contractor must hire suitable number of interpreters who should be available at all times whenever required and during all technical work at Ship. The Contractor's representative must be available (either in person or by phone) 24 hours a day, for the entire duration of the port call and shall have the ability and means at his disposal to be present on the wharf at short notice, if required.

13. **Berthing.** The Contractor shall liaise with the concerned Port Authorities for allocation of a suitable berth. The Principal shall provide the required Diplomatic Clearance sufficiently in advance to facilitate berth allotment. The Jetty shall comply with the approved Berthing Plan and be suitable for safe berthing, mooring and unmooring. The effective Jetty/fender line shall be **more than 124.8 metres**, with adequate clearance at both ends. The Contractor shall ensure that the Jetty and associated facilities remain safe, operational, maintained and fit for purpose throughout the ship's port call.

14. **Supply of Provisions.** The final list of provisions required for the port call shall be shared with the Contractor closer to the date of arrival of the visiting ship. The Principal will

endeavor to conclude contract for supply of provisions and other services with same contractor subject to the comparison on quotes from all bidders for provisions commission percentage and other goods and services. However, the Principal reserves the right to conclude separate rate contract with a different supplier for supply of provisions and beverages. The Principal shall intimate the Contractor the requirement for supply of fresh provisions (food and beverage items with quantities and date of supply) upon confirmation from the visiting Vessel. The Contractor will assist the Principal in procurement of necessary provisions and beverages and supply to the ship as per the projected requirements at the indicated time and date. The Contractor and the Provisions Supplier (if other than contractor) must coordinate, if so required for delivery of provisions to visiting ship(s).

15. **Supply of Fuel.** (if required and ordered)

(a) The Principal shall provide approximate quantity of fuel as ordered in LOGREQ.

(b) Fuel supplied to the ship on a diplomatic mission is exempt from VAT in accordance with **Article 148, Directive 2006/112/EC**.

(c) The Contractor shall supply fuel strictly in accordance with the specifications stipulated at **Encl 1 to Annexure-I**.

(d) The Contractor will supply fuel at the actual price charged by the fuel supplier. The Contractor shall submit to the Principal the original delivery/receipt note, duly endorsed and stamped by the ship's crew, along with the invoice issued by the third-party fuel supplier, clearly certifying that the fuel supplied to the ship is exempt from VAT.

(e) In cases where the actual supplier has charged for the fuel in US Dollars, Contractor is to confirm the currency of payment from Principal, before submitting final invoices to the Principal.

(f) The payment for fuel supply shall be made to the contractor (without GST) within 20 days upon presentation of invoice(s) and relevant documents.

16. **Arrangement of Supply of Non-Contracted Services and Goods.** The Principal may require services/goods beyond scope of the price schedule of this contract based on the specific requirements raised by visiting Ship(s). The contractor will be given first opportunity to arrange all non-contracted services/ goods, based on the condition that competitive market prices will be sought by the Contractor. However, the discretion and decision of the Principal will be final in so far as the nomination of supplier for non-contracted services/ goods are concerned. The contractor will be responsible to assist the Principal for carrying out market survey and getting multiple competitive quotes, provide recommendations on the performance of the sub-contractor and deliver purchase orders to the selected vendors.

17. **Port Provided Service Not Available.** In case any Port provided Service(s)/ Good(s) is not available with the Port, a certificate to the same effect is to be obtained from the Port Authorities and forwarded to the Principal. Procurement of such service(s)/ good(s) will be deemed as Non-contracted service(s)/ good(s) and will be regulated as per Para 16 of this contract. The cost of transporting, mobilizing/ demobilizing and handling charges whilst deploying and de-inducting this item should also be indicated clearly.

18. **Technical Support.** The contractor will arrange Technical Support to the visiting Vessel as requisitioned by the Contractor. The Contractor will be required to arrange suitable technical expertise to advise the Principal on the scope of the work, time of completion and cost estimate. The Contractor may also be required to procure spare parts as per requirement projected by the Principal.

19. **Transport.** The indicated cost of transport, if arranged through the Contractor, should be all inclusive for trips within current state limits. The drivers must have adequate communication skills to be able to communicate with the crew. Selection of drivers should cater to the political and cultural sensitivities of the Govt of India.

20. **Chartering of Passenger Liners.** If under any exceptional circumstances a need arises to charter passenger liners, the Contractor will provide on specific the information related to availability, chartering and port calls of these vessels. The chartering of such passenger liners will be regulated as per para 16 of this contract.

21. **Pricing.** The Contractor shall arrange for fixed prices with the relevant vendors on behalf of Principal for this Contract as set forth in Pricing Schedule. Charges from Port Authorities and other Government Agencies can be as per actual and could vary as per extant regulations in Spain. Pricing of all non-contracted service(s)/ good(s) will be regulated as per para 16 of this contract.

22. **Fall Clause.** If the rate contract holder reduces its price or sells or even offers to sell the contracted goods or services following conditions of sale similar to those of the rate contract, at a price lower than the rate contract price, to any person or organisation during the currency of the rate contract, the rate contract price will be automatically reduced with effect from that date for all the subsequent supplies under the rate contract and the rate contract would stand amended accordingly.

23. **Extra Charges.** No charges under any other expenditure head other than those indicated in the Pricing Schedule should be made by the Contractor. If services/ goods other than those indicated in the Pricing Schedule are requisitioned, the quotes for the same required to be approved by the Principal.

24. **General Assistance.** Contractor shall assist with all official requirements of the Ship associated with its port call, as requested by Principal or the Ship, or their duly authorized representatives. Contractor may also be required to assist Principals' advance parties arriving in port prior to the Ship's arrival with their logistics requirements.

25. **Liaison with Authorities.** Contractor will liaise with the Port Authorities for the arrangement of Tugs, Pilot and other port services as requisitioned by the Principal. The contractor should also ensure liaison with Port Authorities and Police/ Security agency of the port/ concerned area for the security of the ships and the crew and smooth entry of guests/vehicles/stores to the ships. Contractor should also liaise with immigration and other local authorities dealing with the port call of the ship (s) as and when requested by the Principal.

26. **Agency Fees.** The Contractor must cover all charges for interaction with the Port, Customs, Immigration, Police/ Security Agencies and other local authorities, and Manpower involved during the port call of the ship(s) under the Agency Fees.

27. **Cancellation Costs.** Upon notification of cancellation of a scheduled port visit, Contractor shall take immediate action to terminate all confirmed orders / sub-contracts for services and supplies as requested in the Logistics Request (LOGREQ) and any subsequent LOGREQ changes. In the event some services covered under this Contract cannot be cancelled owing to Government Regulations, the Principal shall be responsible for these incurred costs. Cancellation fees that are levied by the Ports will be paid by the Principal in accordance with the respective port regulations. In case of services/ equipment (as requisitioned by the Principal as per LOGREQ) which may have already been mobilized from the yard / point of origin, the Principal shall be responsible only for charges for first day of intended use. For goods / services which will be charged by the Contractor to the Principal in cases of cancellation of intended post call, the Contractor will make available to the Principal such documentation/invoices to authenticate the cancellation fee / chargeable amount.

28. **Submission of Invoices and Relevant Documents.** The Contractor will be required to submit the invoices, third party invoices, quotations and other relevant documents in original to the Principal within 30 days of the departure of the Ship(s). The Contractor will also certify that all discounts, rebates, commissions or things of value received in the process of carrying out the competitive sourcing process for non-fixed priced items have been fully disclosed and returned to the Embassy of India, Madrid. The Contractor shall also certify that any fiduciary relationships with any of the vendors during this process have been fully disclosed to the Customer. The onus of making truthful certification will rest with the Contractor and both parties understand that the Contractor and its representatives will be liable for action prescribed under the Indian Procurement Laws. If it is discovered that a false statement or a false document has been made/submitted during the performance of the Contract in respect of the above clauses, the performance guarantee is liable to be forfeited.

29. **Overpayments.** If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Principal has otherwise overpaid on a Contract financing or invoice payment, the Contractor shall remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including the following (along with a copy of the remittance and supporting documentation to the Embassy of India, Madrid, Spain): -

(a) Circumstances of the overpayment (eg. duplicate payment, erroneous payment, liquidation errors, discounts, rebates, commissions, date(s) of overpayment);

(b) Affected Contract number and delivery order number, if applicable;

(c) Affected fixed price/ non-contracted items or services, if applicable; and

(d) Contractor points of contact.

30. **Confidentiality.** The Contractor will ensure that confidentiality is maintained to the

highest level and information on the ship's arrival/departure is disseminated only on a need to know basis. The information that is required to be disseminated should be done with total discretion and without revelation of identity of the ship or its nationality. External agencies like the Port and sub-contractors should not be given any information on the identity of the ship/ships till the Diplomatic Note has been promulgated or with the approval of the Principal.

31. **Termination.** Termination of the Contract could be affected if the Principal observes deterioration in the quality of service. The complaint by the ship would be brought to the notice of the agent. The Principal will serve 30 days' notice prior termination of the contract.

32. **Notice.** Except as otherwise expressly provided herein, for the purposes of this Contract all notices and other communications hereunder must be in writing and will be deemed given when delivered by commercial courier service or reputable overnight delivery service to the parties at the following addresses, or sent by electronic transmission, with confirmation received, to the facsimile number specified below (or at such other address or facsimile number for a party as may be specified by like notice).

33. **Arbitration Clause**. Disputes, if any, should be resolved by mutual consultations between the Principal and the Contractor, based on the provisions/ terms and conditions of the contract itself. However, if the dispute is not resolved through such mutual consultations, either parties may resolve it as per relevant laws and regulations applicable in Spain or may agree for arbitration.

If to Principal:

Defence Wing,
Embassy of India, Madrid
Avenida Pío XII, 30-32,
28016 Madrid, Spain
Email : da.madrid@mea.gov.in
Tele: +34 616114304/ +34 696880040

If to Contractor:

Address, FAX, and email address of the Contractor

Annexure I

REQUIREMENT OF SERVICES

Estimated time of Arrival : 30 Sep 2026 AM
Estimated time of Departure: 03 Oct 2026 PM
Min Depth at Birth- 9m (charted depth)
Flying Operations and LP of Spares item will be shared in final LOGREQ

Sl No.	Service	Details	Price (in Euro)
1	Berthing Pilots	For Entering & Leaving Harbour	
2	Tugs	02 (50 T Bollard Pull)	
3	Brow	02 (35 feet each)- when along side	
4	Fuel (LSHFHSD)	190 Ton (Specs of LSHFHSD) placed at **Enclosure-1**	
5	Fresh Water	100 KL per day	
6	Power Supply	415 Volt, 50 Hz, 3 Phase (40 KW)	
7	Yokohama	02 (3.5/ 5m)	
8	Sullage	Yes, (20 T or equivalent capacity truck)	
9	Garbage Collection	Yes ,Twice a day	
10	Diving Assistance	For post sailing checks / routines. Clearance to be obtained from Port Authority.	
11	Mobile SIMS cards	300 SIM cards	
12	Internet Wi Fi Dongles	10	
13	Newspapers	10	
14	Magazines (English)	10	
	Transportation		
15	Car	(i) 03 Sedan (ii) 03 SUVs (06/07 seater)	
16	Buses	(i) 02 (25 Seater) (ii) 03 (50 Seater)	

** Transportation services, including drivers, are required. Bidders shall quote rates on an hourly basis, for 8-hour and **12-hour disposal periods**, as well as the applicable rates for additional hours and night charges.*

Anneuxre-II

REQUIREMENT OF FRESH PROVISIONS

Ser	Item	Deno	Qty Required	Price (in Euro)
1.	**Dairy Product**			
2.	Milk Tetra Pack	Ltrs	1000.000	
3.	Bread Brown	Kgs	60.000	
4.	Pav	Kgs	40.000	
5.	Eggs Hen	Nos	2520	
6.	Butter	Kgs	20.000	
7.	**Fish**			
8.	Fish Pomphret	Kgs	30.000	
9.	Fish Prawns	Kgs	10.000	
10.	**Meat Product**			
11.	Chicken Sausage	Kgs	10.000	
12.	Chicken Frozen	Kgs	150.000	
13.	Mutton	Kgs	30.000	
14.	Potato	Kgs	250.000	
15.	Onion	Kgs	200.000	
16.	**Fruits (560Kgs)**			
17.	Orange	Kgs	50.000	
18.	Grapes	Kgs	50.000	
19.	Apple Red	Kgs	50.000	
20.	Pears	Kgs	50.000	
21.	Pomegranate	Kgs	50.000	
22.	Mango	Kgs	40.000	
23.	Guava	Kgs	50.000	
24.	Kiwi	Kgs	40.000	
25.	Water melon	Kgs	50.000	
26.	Strawberry	Kgs	05.000	
27.	Avocado	Kgs	05.000	
28.	Dragon Fruit	Kgs	20.000	
29.	Plum	Kgs	30.000	
30.	Musk Melon	Kgs	30.000	
31.	Banana	Kgs	40.000	
32.	**Vegetable (625 Kgs)**			
33.	Cauliflower	Kgs	50.000	
34.	Cabbage	Kgs	50.000	
35.	Tomato Red	Kgs	30.000	
36.	Capsicum Red	Kgs	20.000	
37.	Capsicum Green	Kgs	20.000	
38.	Capsicum Yellow	Kgs	10.000	
39.	Carrot	Kgs	30.000	

Ser	Item	Deno	Qty Required	Price (in Euro)
40.	Cucumber	Kgs	20.000	
41.	Green Chilly	Kgs	10.000	
42.	Coriander Leaves	Kgs	05.000	
43.	Iceberg	Kgs	05.000	
44.	Lettuce	Kgs	05.000	
45.	Spinach	Kgs	30.000	
46.	Curry Leaves	Kgs	05.000	
47.	Ginger	Kgs	05.000	
48.	Fresh Beans	Kgs	40.000	
49.	Bottle Gourd	Kgs	40.000	
50.	Lady Finger	Kgs	30.000	
51.	Brinjal	Kgs	30.000	
52.	Mushroom	Kgs	40.000	
53.	Beet root	Kgs	30.000	
54.	Broccoli	Kgs	40.000	
55.	Radish	Kgs	20.000	
56.	Mint Fresh	Kgs	05.000	
57.	Spring Onion	Kgs	15.000	
58.	Pumpkin	Kgs	40.000	
59.	**Miscellaneous**			
60.	Cream Roll	Kgs	25.000	
61.	Rusk	Kgs	20.000	
62.	Ice Cream	Ltrs	100.000	
63.	Chocolate Snikers	Kgs	20.000	
64.	Mixed Fruit Juice Tetra Pack 200 ml	Pkt	350	
65.	Cold Coffee Tetra Pack 200 ml	Tin	350	
66.	Mango Juice Tetra Pack 200 ml	Pkt	350	
67.	Almonds	Kgs	20.000	

Enclosure-1

ENCLOSURE-II TO LTR/FAX
Fax 700/1 dated Jul 26

INDIAN OIL CORPORATION LIMITED

Central Laboratory,
'K' Oil Installation, SEWREE E
MUMBAI 400015

TC-5095

TEST REPORT

Material: 52500 - LOW SULPHUR HIGH FLASH HSD (MIL)
Reason for test: LSHFHSD (MIL) Batch formation test
Industry standard description: MIL DTL-16884M

Inspection lot number: 7900054425 42
Store/Tank no.:
Stock represented: 2,509.000 KL
Note: BFT - T004 - DOT: 23.06.2026 - TSE II
Customer Tank: T004
Customer: 0000011086 - Mumbai Terminal Sewree-II

Sample drawn date: 22.06.2026
Sample receipt date: 23.06.2026
Lot release date: 24.06.2026

SRL CHARACTERISTIC	TEST METHOD (ASTM/IP/IS 1448)	SPECIFICATION LIMIT & UNIT	TEST RESULTS
Operation : 00000001	**MIL-DTL-16884M & ISO 8217:2017 DMA**		
1. Visual appearance	D 4176	Clear, bright & visually free from	Clear, bright & visually free from
2. Demulsification @ 25°C	D 1401	Max. 10.0 min	< 1.0
3. Density at 15°C	D 4052	Max. 876.0 kg/m3	843.8
4. Distillation-Initial Boiling Point at °C	D86	Report	172.2
5. Dist: 10 % (v/v), recovered at °C	D 86	Report	209.7
6. Dist: 50 % (v/v), recovered at °C	D 86	Report	267.1
7. Dist: 90 % (v/v), recovered at °C	D 86	Max. 357.0 °C	335.0
8. Dist: Final Boiling Point	D 86	Max. 385.0 °C	363.0
9. Dist: Residue+Loss	D 86	Max. 3.00 vol%	1.50
10. Cloud Point	D 2500	Max. -1.0 °C	-3.0
11. Colour (Number)	D 6045	Max. 1.0	< 0.5
12. Flash Point (PMCC)	D 93	Min. 66.0 CEL	66.0
13. Particulate contamination	D 5452	Max. 10.00 mg/l	6.90
14. Pour Point	D97	Max. -6.0 °C	-9.0
15. Kin. Viscosity at 40 °C	D 445	1.70 .. 4.30 cSt	2.83
16. Acid Number, mg KOH/g	D664	Max. 0.30 mgKH/g	-0.05
17. Ash Content	D 482	Max. 0.0050 %wt	< 0.0010
18. Carbon Residue on 10% bottoms	D 4530	Max. 0.14 %wt	< 0.10
19. Cu Corrosion, 3hr 100°C	D 130	Max 1	1a
20. Hydrogen content	D 5291	Min. 12.500 wt%	13.600
21. Cetane Number	D 613	Min. 46.0	49.3
22. Cetane Index	D 4737	Min. 45.0	49.0
23. Storage Srability (total Insoluble)	D 2274	Max. 1.50 mg/dcl	1.20
24. Total Sulphur	D 4294	Max. 0.1000 %(m)	0.0004
25. Calcium	D7111	Max. 1.00 ppm	0.00
26. Lead	D7111	Max. 0.50 ppm	< 0.01

"Computer generated document. Signature not required."
Released by: 00024489

INDIAN OIL CORPORATION LIMITED

Central Laboratory,
'K"Oil Installation, SEWREE E
MUMBAI 400015

TEST REPORT TC-5095

Material: 52500 LOW SULPHUR HIGH FLASH HSD (MIL)
Reason for test: LSHFHSD (MIL) Batch formation test
Industry standard description: MIL-DTL-16884M

Inspection lot number: 790005442542
Store/Tank no.:
Stock represented: 2,509.000 KL
Note: BFT - T004 - DOT: 23.06.2026 - TSE II
Customer Tank: T004
Customer: 0000011086 - Mumbai Terminal Sewree-II

Sample drawn date: 22.06.2026
Sample receipt date: 25.06.2026
Lot release date: 24.06.2026

SRL	CHARACTERISTIC	TEST METHOD (ASTM/IP/IS etc)	SPECIFICATION LIMIT & UNIT	TEST RESULTS
27.	Sodium+ potassium	D71	Max. 1.00 ppm	0.04
28.	Vanadium	D71	Max. 0.50 ppm	< 0.01
29.	Lubricity, corrected WSD @ 60°C	ISO	Max. 460 µm	402
30.	Water and sediment	D2709	Max. 0.05 %(V)	: 0.01
31.	Cold Filter Plugging Point (CFPP),°C	D 63	Max. 0.00 °C	-5.6
32.	Hydrogen Sulphide	IP 5	Max. 2.00 mg/kg	< 2.60

UD Code: AC -Meets Specification w.r.t Tests done

UD description : NOTE : THE TEST PARAMETERS OF N ;R NABL ARE INCORPORATED WITH PARADIP REFINERY REPORT SAP LOT no. 040001087540 , Tank- 1096 205TK-022 DATED. 02.06.2026.

"Computer generated document. Signature not required."
Released by: 00024489