

CRUDE OFFTAKE AND SALE AGREEMENT

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CRUDE OFFTAKE AND SALE AGREEMENT
THIS AGREEMENT made on day of, 2025

BETWEEN:

The Oil and Natural Gas Corporation Limited [ONGC], a body corporate incorporated in India under the provisions of the Companies Act, 1956 and having its registered office at Deendayal Urja Bhawan, 5, Nelson Mandela Marg, Vasant Kunj, New Delhi-110 070 hereinafter

called the "Seller " (which expression shall include where the context so requires or admits of, be deemed to include its successors, administrators and assigns) of the one part.

- AND -

<**BUYER**>, a body corporate incorporated in India under the provisions of the Companies Act, 1956, and having its registered office at <**ADDRESS**> hereinafter called the "Buyer" (which expression shall include where the context so requires or admits of, be deemed to include its successors, administrators and assigns) of the other part.

Seller and Buyer are collectively referred to as Parties.

RECITALS:

- (A) Seller is engaged in exploration and production of Crude Oil.
- (B) Buyer is engaged in refining of Crude Oil and marketing of Petroleum products in India.
- (C) Seller wishes to sell and Buyer wishes to purchase the Crude Oil produced from the Producing Areas of ONGC to conduct their respective business.

NOW THEREFORE IT IS HEREBY AGREED as follows:

ARTICLE 1

DEFINITIONS

1.1 In the Agreement, unless otherwise stated:

- a) **"Affiliate"** means in relation to either Party, any company which is affiliated to it. A company is deemed to be affiliated to another if the first company is controlled by, under common control with, or controls the other. For the purposes of this definition, "control" means the right to cast more than fifty percent (50%) of the votes exercisable at an annual general meeting (or its equivalent) of the entity concerned or, if there are no such rights, ownership of more than fifty percent (50%) of the equity share capital of or other ownership interests in such entity, or the right to direct the policies or operations of such entity (either directly or indirectly) or right to appoint a majority of the directors of such entity (either directly or indirectly).
- b) **"Agreement"** means the terms and conditions set out in this agreement including all the schedules, annexures, attachments and appendices attached hereto, as amended, modified or supplemented from time to time in accordance with the terms hereof.
- c) **"ASTM"** means the American Society for Testing Materials;
- d) **"Awarded Quantity"** is quantity in MT or barrels Buyer has successfully bid and awarded in the e-tender process.
- e) **"Barrels"** means a volume of forty-two (42) U.S. gallons corrected for temperature to 60 degrees Fahrenheit and 1 atmospheric pressure; One Cubic Meter (M3) shall consist of 6.29297 Barrels.
- f) **"Bill of Lading Date"** or B/L date is the day on which hose/chickson gets completely disconnected after completion of discharge of cargo at Loading Terminal, unless otherwise mentioned in this Agreement
- g) **"Billing Period"** has meaning as per Article 12.
- h) **"BS & W"** means Basic Sediments & Water excluding Free Water.

- i) **"Buyer 's Refinery"** means that refinery owned by Buyer through which Crude Oil sold hereunder by the Seller will be refined;
- j) **"Completion of Discharge"** shall mean the time and date at which the operation of loading is completed, as recorded on the time sheet prepared by the Loading Terminal;
- k) **"Crude Oil"** means all kinds of hydrocarbons in liquid form in their natural state of the grade as specified in the Schedule B.
- l) **"Custody Transfer Measurement System"** means the custody transfer meter/measurement system of Seller located at or near the Delivery Point as set forth in Schedule A;
- m) **"Custody Transfer Point"** means the point at which custody, title and risk of Crude Oil passes to the Buyer, and this point will also be considered as "Delivery Point";
- n) **"Custody Transfer Quantity"** is dry quantity of crude oil, free of water and BS&W measured by the Custody Transfer Measurement System.
- o) **"Day"** means the period of time commencing at 0000 hrs Indian Standard Time (IST) on each day and expiring at 0000 hrs IST on the following day and the date of any such day shall be the day of its beginning as herein defined.
- p) **"Delivery Commencement Date"** means the date for the commencement of deliveries of Seller's Crude Oil hereunder as set forth in Article 3.;
- q) **"Delivery Mode"** means the mode of delivery and transportation of Crude Oil as indicated in Schedule A;
- r) **"Delivery Month"** means month in which Billing Period falls;
- s) **"Delivery Point"** means the point at which the Parties agree deliveries of Crude Oil shall be made under this Agreement as set forth in Article 5
- t) **"Discharge port"** means the port or terminal at which the crude oil to be delivered.
- u) **"Due Date"** has the meaning ascribed to it in Article 12
- v) **"Expert"** has the meaning ascribed to it in Schedule F.
- w) **"Firmed Layday(s)"** in case of FOB deliveries shall have meaning ascribed to it in Article 9.1
- x) **"FOB"** means Free on Board.
- y) **"FOB Basis"** means delivery on FOB basis wherein risk, title & custody is transferred to the Buyer at the Delivery Point unless mentioned otherwise in this agreement.
- z) **"FPSO"** means Floating Production Storage Offloading.
- aa) **"FSO"** means Floating Storage & Offloading.
- bb) **"Government"** means the Government of India or any of the States of India or local government like municipal corporations, municipality and their successors;
- cc) **"Invoice"** means a document containing calculations sent by Seller to Buyer pursuant to Article 12.3 specifying the following elements:
 - a. The dry Quantity at Standard Temperature adjusted for BS&W (the "Dry Quantity at Standard Temperature") in barrel and metric tonne,
 - b. The applicable price in Rs. /Barrel,
 - c. The product of such Dry Quantity at Standard Temperature and the Price (the "Amount Due");
 - d. Any other relevant item as required by the relevant laws.
- dd) **"IWG"** stands for Industry Working Group whose role is defined in Schedule C.
- ee) **"IWG Layday(s)"** in case of FOB deliveries shall have meaning ascribed to it in Article 9.1.

- ff) **"Laws, Regulations and Orders"** means the Central, State and local laws of India and all orders, ordinances, rules, regulations, statutory revisionary orders, executive orders, decrees, policies, judicial decisions, notifications or similar directives or requests made pursuant thereto issued by any executive, legislative, judicial or administrative entity or authority or any person purporting to act in such capacity, as any of them may be amended from time to time;
 - gg) **"Laytime"** means time allowed to the Seller for loading crude oil at loading terminal as per Article 9.8.
 - hh) **"Loading Terminal"** means port or terminal at which the crude oil to be delivered/supplied hereunder is or will be loaded or, where the context requires, the operator, authority, or governing body of such port or terminal as specified in the Schedule A.
 - ii) **"Loading Master"** means Seller's representative at the Loading Terminal.
 - jj) **"Marine Vessel"** means a tankship or other Vessel which is mainly constructed or adapted for the carriage of crude oil.
 - kk) **"Metric Ton"** shall mean the unit of weight equal to one thousand (1000) kilograms;
 - ll) **"Month", ("Monthly")** means the period of time commencing at 0000 IST hours on the first day of a calendar month and expiring at 0000 IST hours on the first day of the following calendar month;
 - mm) **"Monthly Allocated Quantity"** has meaning as per Schedule C.
 - nn) **"Monthly Planned Quantity"** has meaning as per Schedule C.
 - oo) **"NOR"** means the valid notice of readiness to load cargo, as given by master of the vessel to the Seller at the Loading terminal
 - pp) **"Party"** means Buyer or Seller and **"Parties"** means both Buyer and Seller;
 - qq) **"Price"** means the price to be paid by Buyer to Seller for each barrel of Crude Oil delivered by Seller to Buyer hereunder set forth in Schedule G;
 - rr) **"Producing Areas"** means those petroleum accumulations described in Schedule A from which Seller shall supply and Buyer shall purchase Crude Oil hereunder;
 - ss) **"Scheduled Outages"** has the meaning ascribed to it in Article 14;
 - tt) **"Supplementary Invoice"** means a document containing calculations sent by Seller to Buyer specifying the detail of all other amounts owing from Buyer to Seller or from Seller to Buyer in respect of any previous Billing Period;
 - uu) **"Supply Location"** has meaning as per Schedule A.
 - vv) **"Term of Agreement"** has the meaning ascribed to it in Article 3;
 - ww) **"Time"** means Indian Standard Time;
 - xx) **"typically"** means quality or characteristic often attributable to crude oil from a particular source, given without guarantee and not amounting to representation or warranty that such typical quality or attribute will be present in the crude oil.
 - yy) **"Year" or "Financial Year"** shall mean the period of time commencing at 0000 IST hours on April 1 of any Financial Year and expiring at 0000 IST hours on April 1 in the next succeeding Financial Year.
- 1.2 All references herein to persons shall where the context admits be deemed to include bodies corporate, unincorporated associations and partnerships.
 - 1.3 References to "day(s)", "month(s)" and "year(s)" means as defined above
 - 1.4 Unless the context requires otherwise, in this Agreement:

- (a) The headings are for convenience only and shall be ignored in construing this Agreement;
- (b) The singular includes the plural and vice versa;
- (c) References in Articles, schedules and Annexure are, unless this context otherwise requires, references to Articles of, Schedules of, and Annexure to, this Agreement;
- (d) In carrying out its obligations and duties and exercising its rights under this Agreement, each Party shall have an implied obligation to act in good faith;
- (e) The word "including" means "including without limitation"; and
- (f) A day shall be a period of 24 hours commencing at 00 00 IST thereon; a week shall commence on each Sunday; a month shall be a calendar month; a quarter shall be a calendar quarter; and a year shall be a Financial Year.
- (g) Any reference to "writing" or "written" includes electronic mail, faxes and letters.

ARTICLE 2

AGREEMENT AND SCHEDULES

- 2.1 This Agreement, besides the main body of the agreement shall also consist of Schedule A ('Loading Terminal'), Schedule B ('Crude Oil Typical Specification), Schedule C ('Planning, Scheduling, Allocation and Shortfall in Quantities'), Schedule D ('Custody Transfer Quantity: sample calculation), Schedule E ('Payment Security Deposit'), Schedule F('Arbitration and Dispute Resolution), Schedule G (Pricing Sheet), Schedule H (Letter of Undertaking), all annexures, attachments and appendices hereto, as amended/modified/supplemented from time to time. This agreement shall also consist of Notification of Award(s) (NOA), as issued from time to time during the term of this Agreement.

ARTICLE 3

TERM OF AGREEMENT

- 3.1 Term of this Agreement shall commence and be effective from XX.XX.2025 (also known as the Delivery Commencement Date) and shall continue in full force and effect for the Term of 03 months unless this Agreement is terminated earlier by either Party by giving due notice for termination as set forth in this Agreement. This Agreement may be extended by mutual written agreement of the Parties for a period not exceeding 01 month.

ARTICLE 4

SALE AND PURCHASE OF CRUDE OIL

- 4.1 Commencing from the Delivery Commencement Date, during the Term of this Agreement, Seller shall sell and Buyer shall purchase, at the Delivery Point, the Quantity of Crude Oil set forth in Notification of Award(s) supplemented from time to time to this Crude Offtake and Sale Agreement, in accordance with the terms of this Agreement.

ARTICLE 5
DELIVERY AND DELIVERY POINT

- 5.1 Crude Oil will be supplied via Marine Vessels as per Schedule A.
- 5.2 Crude Oil will be supplied through Off-shore loading terminals as per Schedule A.
- 5.3 All deliveries of crude oil hereunder shall be made by the Seller at the Delivery Point on FOB basis unless stated otherwise.
- 5.4 For delivery from Off-shore Terminal, Buyer shall at its own risk and cost place Marine Vessel at the Loading Terminal.

5.5 Delivery Point for deliveries via coastal mode

(a) Delivery from FPSO

Delivery point, hereunder, shall be the inlet flange of Marine Vessel irrespective of the fact whether it is nominated by Buyer or chartered by Seller, and custody, risk, and title of crude oil shall pass at the Delivery Point

- (b) The operating procedures for each Delivery Point shall be in accordance with the prevailing standard practice followed at the Delivery Point at the time of delivery or in the event Seller publishes an operating manual upon mutual consultation with the Buyer, reflecting the operating practices at the Delivery Point from time to time, Buyer agrees to be bound by such manual for delivery operating purposes.

5.6 Custody Transfer Point for deliveries via coastal mode

- (a) Custody Transfer point shall be the Delivery Point.

5.7 Independent Inspection

- (a) Buyer can appoint third party inspector at the loading terminal. Cost of appointing the inspector shall be borne by Buyer. In case of any dispute, findings of Loading Master shall prevail.
- (i) For FPSO loading Buyer shall nominate two inspectors; one required at FPSO vessel and other at Buyer vessel during cargo loading operation. Cost of transporting inspectors to FPSO and back to on land (as per circular published by ONGC from time to time), shall be shared by Buyer and Seller equally.
- (ii) Inspector shall have valid Non Employee Duty Pass (NED) passes to travel to supplier off-shore locations for cargo loading operations at the cost of the Buyer.

ARTICLE 6
MONTHLY PLANNING, SCHEDULING, AND SHORTFALL IN QUANTITIES

- 6.1 Monthly Planned Quantity (MPQ) will be decided in the monthly meetings under Industry Working Group. Scheduling, Planning and other related activities shall be as per Schedule C of this COSA.
- 6.2 Subject to provisions as contained in this Agreement regarding 'Laytime and Demurrage' for calculation of Buyer Shortfall Quantity i.e. not offtaken by Buyer, Monthly share-out of Buyer shall exclude the following:
- i. Any quantity not able to be supplied by Seller due to supply shortfall.
 - ii. Any quantity not able to be supplied by Seller due to Force Majeure.
 - iii. Any quantity not offtaken by Buyer due to Force Majeure.
 - iv. Any quantity for which tanker has been nominated by Buyer and is accepted by Seller however cargo loading operation is yet to commence/in progress.
- 6.3 Subject to provisions as contained in this Agreement regarding 'Laytime and Demurrage' for calculation of Supplier Shortfall Quantity i.e. not supplied by Supplier, any quantity for which tanker has been nominated by Buyer and is accepted by Seller however cargo loading operation is yet to commence/in progress.
- 6.4 For avoidance of doubt, in case of shortfall quantity in the same time period as enumerated in Article 6.2 above falls under more than one category (For example, Seller is unable to meet supply criteria due to Force Majeure), quantity exclusion shall be only once for the calculation of Shortfall Quantity of Buyer.

ARTICLE 7
QUALITY

- 7.1 The quality of the Crude Oil delivered hereunder shall be the quality of such Crude Oil as is typically made available by Seller at the Delivery Point. All Crude Oil delivered hereunder shall be accepted by Buyer. The delivery of Crude Oil from the Supply points except as set forth herein, constitutes the whole of Seller's obligations with respect to the description, quality and fitness for purpose of the Crude Oil to be delivered. The typical Specifications of the Crude Oil from supply location is at Schedule B of this Agreement.

ARTICLE 8
MEASUREMENT AND TESTING

- 8.1 The quantity and quality of crude oil delivered under the Agreement shall be determined by measurement, sampling and testing in accordance with the standard practice followed at the Loading Terminal at the time of shipment. The measurement of the Custody Transfer Quantity of Crude Oil, Sampling and Testing of the quality shall be carried out as under:

Wet Quantity of crude oil delivered shall be measured through the mass flow meters / ultrasonic meters/ Turbine flow meters installed by the Seller at FPSO. Total of BS&W and free water measured through the auto sampler shall be deducted from such Wet Quantity of crude oil to derive Dry Quantity of crude oil delivered. If meters installed at FPSO are not working, marine vessel dip reading with applicable VEF shall be used for calculation of dry crude oil volume. For discount purpose, BS&W (excluding Free Water) shall be measured from Autosampler. If Autosampler is not working, then the TMB samples collected at the marine vessel after completion of loading shall be used. Sample calculation is attached in Schedule D.

- 8.2 Buyer & Seller or their representative shall be present for all measurements and all ticketing of deliveries which shall be completed on a joint basis.
- 8.3 Buyer & Seller or their representative shall jointly sign a statement or electronically exchange delivery document after each delivery/each batch (or as otherwise mutually agreed) certifying the quantity for billing purpose.
- 8.4 The Parties agree to joint calibration of the measurement device at Delivery Point.
- 8.5 If upon conducting a test of any measurement device:
- (a) any measuring equipment is found to have a margin of error that is less than plus or minus zero point three percent (0.3%), then the prior recorded measurements/results of such equipment shall be deemed correct for computing the Crude Oil deliveries, but the equipment shall be promptly adjusted to operate and record and/or test correctly;
 - (b) any measuring system in the aggregate is found to have a margin of error which exceeds plus or minus zero point three percent (0.3%), then, for the period for which such device has been known or is mutually agreed to have been so inaccurately functioning, the recorded measurements/results of such equipment shall be corrected to zero (0) margin of error for such period. If, however, the period of such inaccurate functioning of the device is not known or is not mutually agreed upon, then, from the date when the notice was given by either party, as the case may, intimating that margin of error, the recorded measurements/results by such devices shall be adjusted to a zero (0) margin of error.

- 8.6 The variation in loading volumes basis flow meter and ship receipt figure with Vessel Experience Factor (VEF) will be considered. In case the same is more than 0.3% (both positive as well as negative), ship receipt figure with VEF will be considered as BL figure.
- 8.7 Either Party may challenge the calibration of a measurement device by advancing to the owner of such measurement device an amount equal to double the cost of retaining an Expert to test the calibration. If the recalibration test results confirm that the measurement equipment is outside of acceptable parameters, the advance shall be returned by the owner and the owner shall pay the costs of the recalibration. If the recalibration test results confirm the measurement equipment is properly functioning, the owner shall be liable to pay the costs of the recalibration from the advance and return the balance.
- 8.8 In case any dispute between Seller and Buyer in relation to the quality or quantity of the Crude Oil delivered hereunder cannot be resolved amicably through mutual consultation, it shall be dealt with as per the provisions of Schedule F.
- 8.9 If any measurement device is out of service or is registering inaccurately, the volume of the Crude Oil purchased and sold under this Agreement shall be estimated as under:
- (a) By correcting the error if the proportion of the error is ascertainable by calibration or test, or analytically in accordance with acceptable international oil industry practice; or in the absence thereof;
 - (b) By using the readings of a check meter, if installed, and accurately registering; or in the absence thereof;
 - (c) By estimating the Quantity of the Crude Oil delivered by comparison with past deliveries during a period of similar conditions when the meter was registering accurately;
 - (d) By using an alternate acceptable form of measurement.

ARTICLE 9
SHIPPING & LOADING

9.1 IWG Laydays

- (a) The IWG Laydays shall be the day or range of days as issued in accordance with the standard practice while preparing the plan in the IWG meeting in which the Buyer's nominated Marine Vessel shall tender a Valid NOR at the Loading terminal.
- (b) The Seller shall have a sufficient quantity of the crude oil deliverable under the Agreement available at the Loading Terminal so as to enable loading to commence and continue on an uninterrupted basis.
- (c) **Changes in Layday/Firmed Layday(s)**

Layday(s) fixed for a cargo loading in the IWG plan can only be changed

- A. If Buyer sends a written request to Seller no later than 10 days prior to the IWG laycan of the Buyer and Seller agrees to it.
- B. If Seller sends a written request to Buyer no later than 10 days prior to the IWG laycan of the Buyer and Buyer agrees to it.
- C. Any changes agreed above shall be the Firmed Layday(s), if not, IWG Layday(s) will be the firmed Layday(s).

9.2 Buyer Nomination of vessel

- (a) Unless otherwise specified, delivery hereunder shall be given and taken in one full cargo Lot. However, the buyer can take a Lot in maximum up to two part Lots, subject to mutual agreement between Buyer and Seller.
- (b) Each Vessel shall be nominated in writing by the Buyer to the Seller. Such nomination shall specify:
 - (i) The name of vessel, date built, summer deadweight, LOA, arrival & departure draft and displacement, and flag.
 - (ii) Approximate quantity to be loaded.
 - (iii) The ETA of vessel
 - (iv) Destination(s) of the vessel.
 - (v) Such other information as required by the Loading Terminal from time to time.

- (vi) Confirmation that vessels complies with the requirement of Loading Terminal (FPSO AS V) w.r. to age of the tanker (less than 15 Years) etc. Buyer has to send marine vessel details 15 days before the firmed laycan. Seller to confirm acceptance within 3 business days after receipt of such request.
- (c) The marine vessel nomination by the Buyer shall not be effective unless it is received by the Seller not later than 07 days prior to the first day of the firmed layday(s). Notwithstanding the foregoing, if the nomination is received by the Seller after such 07th day and is accepted by the Seller, it shall be effective but the Buyer shall be liable for all costs resulting from any delays in berthing the crude oil marine vessel under the Agreement that are directly due to the failure by the Buyer to nominate in the timely manner, and any such delays shall not count as time allowed to the Seller for loading.

9.3 Substitution of marine vessel

In respect of any nominated marine vessel, the Buyer may, or if necessary to perform its obligations under the Agreement must, substitute therefor another marine Vessel provided always that:

- (a) The size of substitute marine vessel and the quantity to be loaded shall not, without prior written consent of the Seller, differ materially from the size of the vessel previously named and the quantity specified in the nomination;
- (b) The laydays which would have applied in respect of the vessel originally nominated shall apply to the substitute marine vessel.

9.4 Rejection of nomination and vessel

- (a) For Off-shore Loading Terminal: The Seller shall give notice accepting or rejecting any Vessel nominated by the Buyer within 2 Business days of receipt of the Buyer's nomination.
- (b) Notwithstanding anything to the contrary express or implied elsewhere herein, the Seller shall have the right:
 - (i) To reject any nomination made by the Buyer pursuant to 9.2 and 9.3 on any reasonable ground; and or
 - (ii) To refuse, on any reasonable ground, to accept for loading any Vessel named pursuant to 9.2 and 9.3 and or
 - (iii) To reject the Vessel in question, notwithstanding any prior acceptance of such Vessel (whether nominated or substituted pursuant to 9.2 and 9.3), on any reasonable ground if such vessel is involved in any incident or more recent information regarding

such vessel becomes available to the Seller which indicates that the information relied upon by the Seller in previously accepting the Vessel was materially incorrect/incomplete.

9.5 Regulation at Loading Terminal

- (a) All restrictions at the Loading Terminal with respect to the maximum draft, maximum displacement, favourable tide for berthing, LOA, deadweight, age, flag, the procedures relevant to health, safety and Vessel operations and all applicable governmental, local and port authority regulations and any other applicable requirements of whatever nature in force at the Loading Terminal shall apply to the Buyer's Vessel. Notwithstanding section 9.5.b, the Buyer shall be deemed to be fully familiar with such Loading Terminal requirements and shall nominate a Vessel that can comply with such requirements at all the time.
- (b) The Seller shall provide all information regarding restrictions at the Loading Terminal and such other Loading requirements that are readily available to it, upon Buyer's written request.

9.6 Liability

The Seller shall not be liable for the consequences of rejection or delay (including but not limited to Demurrage) of the vessel or the restriction suffered in respect of the Vessel by virtue of the application of any regulations or other requirements of Article 9.2, 9.3, 9.4, 9.5 and the Buyer shall be liable for any costs or damages incurred by the Seller arising out of any such rejection of, delay to or restricting of the Vessel.

9.7 Arrival of Vessel, Loading, Berth etc.

- (a) Arrival of Vessel
 - (i) The Buyer shall arrange for its marine Vessel to report its ETA to the Loading Terminal, with a copy to Seller, at least 72 hours, 48 hours, 24 hours, 12 hours prior to its arrival and otherwise in accordance with the standard reporting procedure applicable from time to time at the Loading Terminal in question. If the Buyer's Vessel fails, for any reason, to give at least 24 hours prior notice of arrival at the Loading Terminal, the time allowed to the Seller for loading pursuant to Article 9.8 shall be extended by a period equal to the delay in giving such 24 hours' notice, but in any case not exceeding an additional 24 hours.
 - (ii) For Off-shore Loading Terminal: By no later than 1100 hrs. on firm layday the Vessel must have:

1. Arrived at the loading terminal in question (or the usual waiting ground/anchorage), and be in all respects ready to commence loading the crude oil deliverable hereunder; and
2. Tender a valid NOR. If NOR is tendered after 1100 hrs. on firm layday, marine vessel shall be deemed to have missed the laycan.

(iii) Once a valid NOR is tendered pursuant to 9.7, the Buyer shall be obliged to receive delivery of the crude oil.

(b) Loading

After the receipt of the NOR pursuant to section 9.7, the Seller, having regard to the requirements of the Loading Terminal, Loading Terminal procedures and the time when the vessel has complied with the provisions of section 9.7.a, shall commence loading as soon as reasonably practicable.

(c) Berth for Off-shore Loading Terminal

- (i) If the berth in question requires the Buyer's marine vessel to be loaded from FPSO/FSO, berthing operation shall take place on layday if marine vessel arrives at or before 1100 hrs and tender NOR pursuant to 9.7.a. In case, marine vessel arrives after 1100 hrs on the day, Seller is not liable to berth the Marine Vessel on same day.

(d) Vacation of berth

- (i) The Buyer's vessel shall indicate vessel readiness to move out of berth of the port/Loading Terminal in question as soon as possible after completion of loading provided Loading Terminal documents are delivered to the vessel at the berth. Loading Terminal shall not take more than 4 hours to prepare and deliver the Loading Terminal documents to the Master of the Nominated Vessel.
- (ii) If Vessel fails to provide vessels readiness after 4 hours of completion of loading due to cause with in the control of vessel and/or Buyer, any liability arising thereof shall be paid by the Buyer. For the avoidance of doubt, it is agreed that for the purpose of this section any technical failure or breakdown on the part of the vessel shall be a cause within the control of the vessel and the Buyer.

9.8 **Laytime, Delays, Demurrage**

(a) Laytime

- (i) For off-shore loading terminal: Time allowed to the Seller for the loading of the standard cargo size of 55 TMT crude oil deliverable hereunder to each vessel shall be 48 running hours, all days and holidays included. This shall be the Laytime. Any time lapsed on account of failure of Buyer's nominated vessel during berthing & loading operation and tendering NOR after 1100 hrs. on Firmed Layday shall not be the part of the time allowed. Moreover, the actual cargo size can be more or less than 55 TMT subject to mutual agreement between Buyer and Seller. And for every 1 TMT or part there of cargo quantity more than the standard cargo size of 55 TMT, allowed time shall increase on pro-rate basis at the rate of 1 hour/TMT. However, for any cargo size less than 55TMT, laytime will remain as 48 hours.

(b) Running hours

- (i) Except as otherwise provided in this section, provided always that the Buyer has complied with section 9.7.a, running hours shall commence:
 - 1. 6 hours after a valid NOR is tendered to the Seller by the master of the vessel after its arrival at the Loading Terminal, or
- (ii) If valid NOR is given for the vessel before the firmied layday, running hours shall commence at 0600 hrs. on the firmied layday or on commencement of loading whichever is earlier. If valid NOR is given for the vessel after the layday and is accepted for loading by the Seller in its sole and absolute discretion, then without prejudice to any of the Seller's other rights, running hour shall commence only on the commencement of loading.
- (iii) Time shall cease to run upon the commencement of final disconnection of hoses/chickson after completion of loading of the cargo. However, time shall recommence 4 hours after the completion of cargo if Seller is not able to produce loading terminal documents to the master of the vessel and shall continue until such documents are provided by the Seller.

(c) Any delay arising out of or in connection with any of the following situations shall not be counted or included in calculating the time taken by the Seller to load the shipment or the time in respect of which the Seller is liable for demurrage (weather or not vessel is already on demurrage):

- (i) Awaiting immigration, customs;

- (ii) Bunkering unless concurrent with cargo operation;
- (iii) Restrictions imposed by the owner, charterer or master of vessel;
- (iv) Any breakdown of the vessel's equipment or failure to comply with the requirements of the Loading Terminal with respect to equipment aboard;
- (v) Cleaning and inspection of vessel cargo tanks;
- (vi) Any delay attributable to loading rate restriction at marine vessel;
- (vii) Any delay in berthing and/or loading of the cargo, attributable to adverse weather conditions, berth and port safety, which will be as declared by the competent authority of the port for onshore terminal loading and mooring master for offshore loadings.
- (viii) Any other delay attributable to the vessel, the Buyer or agents of the Buyer, Weather conditions.

(d) Demurrage

- (i) If the nominated cargo is not loaded within the time allowed in accordance with section 9.8.a, the time so allowed shall be extended till the commencement of final disconnection of hoses/chickson after completion of loading, and Seller shall pay to the Buyer demurrage in currency USD/day in respect of the excess time at the appropriate rate per day (or pro-rata for part of the day) as herein specified. In the event of delay directly attributable to fire or explosion or breakdown of failure of equipment, plant or machinery at the Loading Terminal, the rate of demurrage shall be reduced by half for the period of such delay.
- (ii) The appropriate rate of demurrage shall be;
 - 1. The applicable single voyage charter party rate. However not exceeding 20000 USD per day pro-rata. Exchange Rate for conversion of USD amount into INR shall be the RBI Reference Rate on B/L Date as published by FBIL. In case no RBI Reference Rate has been published on that date by FBIL, the rate published on next following day shall be taken.
- (iii) Any demurrage claim must be notified to the Seller in writing within 60 days of the date of loading of cargo, with full supporting documents (the time computation, NOR, statement of facts, where applicable evidence of charter party rate). Seller may seek any other documentation as reasonably required. If the Buyer fails to give such notice or provide such documentation within above time limits, then the Buyer's claim shall be deemed to be forfeited and

any liability of the Seller for such demurrage shall be extinguished.

ARTICLE 10

PRICE

- 10.1 The Price to be paid by Buyer to Seller for the Quantity of Crude Oil sold shall be as set forth in the PRICING SHEET as Schedule G of this Agreement and shall be payable in accordance with this Agreement.
- 10.2 Discount on account of BS&W shall be applicable as per Schedule G.
- 10.3 In the event, Seller hired marine vessel is used by the Buyer for transporting the crude from the Delivery Point to Buyer's location, Buyer shall reimburse the actual freight incurred by the Seller for the entire voyage plus 18 hrs. for loading time along with applicable taxes & duties against Seller's Invoice / Supplementary invoice with the payment for supply of such crude oil. Entire voyage time for such case shall be the time from when Vessel is cast off the delivery point till vessel deberth at the delivery port after completion of unloading operation. In such cases, Seller shall provide Audited Certificate to the Buyer for actual freight incurred.

ARTICLE 11

TAXES AND DUTIES

- 11.1 All taxes duties, imposts, fees, charges and dues of every description (including Royalty and OID Cess) other than the duties and taxes mentioned in Schedule G or elsewhere in the Agreement which Buyer has agreed to bear and pay, which are presently imposed or levied by any governmental, local or port authority on the Crude Oil supplied hereunder, in respect of any stage up to transfer of title and risk in such Crude Oil being transferred to Buyer, shall be borne by Seller.
- 11.2 All applicable taxes & duties mentioned in schedule G shall be on Buyer's account. However VAT and CST shall be shared between the Buyer and seller per below table:

State Transfer	On Buyers	On Sellers
Inter State (CST)	0%	2%
Intra State (VAT)	3%	2%

The prices arrived at after adding such agreed tax rate will be treated as price inclusive of VAT/CST as per Schedule G.

- 11.3 Currently, Crude Oil is out of purview of GST. In case Crude oil is brought under GST, proposed GST will be mutually discussed between Buyer and Seller and agreed GST will be billed to Buyer only after finalization.

ARTICLE 12

BILLING AND PAYMENT

12.1 Billing Period:

- (a) For deliveries through Marine Vessel

The “Bill of Lading Date” (B/L date) for individual shipment shall constitute the Billing Period.

12.2 PRICING PERIOD

- (a) For Coastal sales: As per Schedule G.

- 12.3 Buyer shall pay all amounts due to Seller for the Crude Oil sold hereunder based on the following Billing Periods and on or before the Due Date specified herein:

(a) **For deliveries by marine vessels:**

- (i) Invoice shall be raised by the Seller on the Buyer for each Bill of Lading. For deliveries by marine vessels, whether arranged by Seller or the Buyer, the Due Date for payment shall be 30 days from the bill of lading date. B/L date is to be considered as day zero. Buyer shall ensure payment, based on the invoices raised by the Seller, on or before the Due Date. Provisional Invoice shall be raised based on previous month quotes and Final Dr/Cr notes will be raised based on final pricing.
- (b) Seller shall submit to the Buyer, not later than 5 working days prior to the payment Due Date
 - (i) An Invoice setting out Seller's computation of the Amount Due for that Shipment {as mentioned in 12.1 above} in accordance with this Agreement;
 - (ii) Supplementary Invoice, if any, for the previous billing period (s).
 - (iii). In case Supplementary Invoice /Debit Note / Credit Note, if any raised less than 5 working days prior to the payment due dates, as specified in Clause 12.3(a) above, payment for the Supplementary Invoice /Debit Note / Credit Note shall be made by the Buyer or the Seller within 5 working days from the date of such

Supplementary Invoice /Debit Note / Credit Note. Invoice /Debit Note / Credit Note receipt date shall be considered as Day 1.

- 12.4 Digitally signed invoice / A scanned copy of the signed invoice or Supplementary Invoice shall be sent by facsimile or e-mail to the Buyer as set forth in Schedule G (Pricing Sheet) or to such other number or e-mail address as Buyer may from time to time intimate by notice to Seller . Original copy of the Invoice, shall be sent by Speed Post / Courier only in case such requirement is submitted by the Buyer to the Seller in advance.
- 12.5 Buyer shall arrange remittance of the Amount Due for invoice and any amount due for a Supplementary Invoice on or before the Due Date specified herein via electronic transfer/telegraphic transfer to the bank(s) and account(s) nominated from time to time by Seller by written notice. Buyer shall provide (by facsimile transmission/e-mail to a designated officer of Seller) details of Buyer's payment at the time of any such payment. The cost incurred in arranging electronic or telegraphic transfers shall be borne by the Buyer.
- 12.6 If both of Buyer's banks and Seller's banks are closed on the Due Date on account of scheduled holiday, the payment will be made on the working day previous to the aforesaid Due Date. If Buyer's Bank is closed on account of Scheduled holiday but Seller's Bank is open, on the Due Date, Buyer shall arrange to make payment on or before such Due date. If Seller's Bank is closed on account of Scheduled holiday but Buyer's Bank is open, on the Due Date, Buyer shall arrange to make payment on the working day prior to the Due date.
- 12.7 If Buyer's banks and/or Seller's banks are closed for two consecutive days or more on account of scheduled holiday, any payment due on the first such day shall be made on the working day prior to the Due Date of payment and any payment due on the second day or following day(s) shall be made on the first working day following such closure. In the case of payment due falls on Monday which is non-working days due to scheduled closing, this clause of 12.7 will be applicable in this case and payment will be made on next working day.
- 12.8 In case of unscheduled closure of either or both Buyer and Seller's banks on the Due Date, the payment will be made on the following working day.
- 12.9 Notwithstanding anything contained in clause 12.6 to 12.8, in case payment Due Date falls on Saturday, payment shall be made on Friday whereas when payment Due Date falls on Sunday, payment shall be made on Monday.
- 12.10 In the event of dispute regarding billing and payment, Buyer agrees that all payments due hereunder shall be paid in full, without any set off or deduction, and shall be subsequently adjusted if so agreed by the Parties or, failing agreement within 90 days, the same shall be referred to an Expert. Buyer shall not make any unilateral/ arbitrary deduction/adjustment on any account, other than for Crude oil supplies under this Agreement, from payments due for crude oil supplies.

- 12.11 Interest on overdue payments beyond the due date shall accrue as of and including the Due Date for payment and ending on but excluding the date of payment. Interest shall be calculated at State Bank of India (SBI) Yearly MCLR plus 4% for first 30 days and thereafter at SBI Base Rate plus 5% compounded each quarter.

ARTICLE 13

PAYMENT SECURITY

- 13.1 Non-PSU Buyer shall give a security deposit in the form of standby irrevocable, and without recourse Letter of Credit (LC) from Nationalized/Scheduled Commercial Bank (as per format provided in SCHEDULE- E of the COSA) within 15 days from the Date of NOA/ LOA with a validity till the Term of the contract plus 60 days, so as to cover the security of payment against the crude oil supply. This L/C would be for the value of 50% of the Awarded Quantity or 1 Lot (in case of evacuation through Marine Vessel), whichever is higher. This amount would be calculated considering the crude oil price construct as at Sl. 7 of **Schedule G**. The applicable Benchmark Crude Oil Price and Exchange Rate would be the average rate for the month preceding the month in which NOA is awarded. Crude oil supply to the Bidder shall not commence unless L/C towards payment security is furnished. And at no point of time, unsecured supply of crude oil will be made.
- 13.2 During the term of the Agreement, this L/C amount shall be revised based on average sale value of Crude oil offtake quantity for preceding 1 month (plus applicable taxes recoverable from the Buyer) if the amount so calculated varies by more than 10% on either side. First such revision shall be due at the start of the second month from the commencement of the Agreement.
- 13.3 Validity of (L/C): The Bidder shall ensure the validity of the L/C by getting extension duly issued by his Banker at least one month before the expiry of the existing L/C from time to time. In case of failure to extend the validity of L/C by the Bidder, ONGC/Seller shall have right to invoke the L/C for encashment and keep the amount as deposit till the L/C is renewed. Further, ONGC shall have the right to stop the supplies for not keeping the L/C valid without any prejudice to the rights of ONGC to recover for charges on Shortfall quantities.
- 13.4 ONGC shall be free to exercise the option of encashing the L/C any time beyond the payment Due Date. In such case, Buyer shall ensure to revise the required value of L/C within a fortnight.
- 13.5 PSU Buyers are required to submit A Letter of Undertaking in the format as prescribed in Schedule H.

ARTICLE 14
SCHEDULED OUTAGES

- 14.1 Buyer / Seller shall give the other party sufficient notice (30 days in advance on best endeavour basis) in writing, before the beginning date and the duration of the scheduled Outage. Both Parties agree to coordinate and make their best efforts / endeavours for matching the outage period wherever feasible. In any event the total period of Scheduled Outage for each Party shall not exceed 15 days in contract period.

ARTICLE 15
CHANGE IN LAWS, REGULATIONS, ORDERS, ETC

- 15.1 It is understood by both Parties that they are entering into the Agreement in reliance on the Laws, Regulations and Orders in effect and in force on the date hereof.
- 15.2 If at any time and from time to time during the currency of the Agreement any Laws, Regulations and Orders are changed or new Laws, Regulations and Orders have become or are due to become effective and the material effect of such changed or new Laws, Regulations and Orders; (a) is not covered by any other provisions of this Agreement, and (b) has or will have a materially adverse economic effect on either party, the affected party shall have the option to require renegotiation of the Price or other relevant terms of the Agreement. Such option may be exercised by the affected party by written notice to the other party at any time after such changed or new Laws, Regulations and Orders are promulgated, such notice to contain the terms desired by the affected party. If the Parties do not agree upon new Price or terms satisfactory to both Parties within 15 days after the date of the affected party's notice, the affected party shall have the right to terminate the Agreement immediately at the end of such 15-day period. Any Crude Oil delivered during such 15-day period shall be sold and purchased at the existing Price and on the terms applying under the Agreement without any adjustment in respect of the new or changed Laws, Regulations and Orders.

ARTICLE 16
FORCE MAJEURE

- 16.1 Except for its obligation to make payment for any past dues already accrued, neither Seller nor Buyer shall be responsible for any failure or delay in fulfilling any terms of this Agreement caused due to Force Majeure. The term "Force Majeure" shall mean unavoidable causes reasonably beyond the control and without the fault or negligence of either party including but not restricted to acts of God or sabotage, fires, floods, cyclones, typhoons, earthquakes, wars (declared or undeclared), hostilities, invasion, blockades, riots, epidemics, quarantine restrictions, nationwide strikes, freight embargos, civil commotion or any order of Government, any court,

local authority having jurisdiction or anybody or person purporting to be or to act for such authority. In case of Force Majeure, the Parties agree to provide 48 hours' notice to be served by the affected Party as per Article 16.2 herein below.

- 16.2 In the event of Force Majeure, the affected Party shall provide notice promptly and in no case later than 48 hours after the occurrence of event of Force Majeure, notifying the other Party with respect to the ongoing Force Majeure event, giving full particulars of the Force Majeure, the estimated duration thereof, the obligations affected and the reasons of its suspension and the affected Party's ability to recommence performance of its obligations under the Agreement as soon as possible.
- 16.3 The Party asserting the claim of Force Majeure shall have the burden of proving that the circumstances constitute valid grounds of Force Majeure under this article and that such Party has exercised reasonable diligence and efforts to remedy the cause of any alleged Force Majeure.
- 16.4 In the event of Force Majeure, the Parties agree to use best efforts to remedy the event of and mitigate the effect of Force Majeure.

ARTICLE 17 TERMINATION

- 17.1 This agreement shall terminate upon expiry of its Term.
- 17.2 Seller may at its sole discretion, and in addition to any other legal remedies it may have, forthwith upon giving [30] days' notice to Buyer, suspend deliveries of the Crude Oil or upon giving [30] days' notice to Buyer terminate the Agreement if:
- (i) Buyer for any reason whatsoever fails to make any payment due to Seller under the Agreement by the Due Date, and such failure remains unremedied at the expiry of the aforesaid notice period;
 - (ii) Buyer is in substantial breach of its material obligations under the Agreement and such breach or failure remains unremedied at the expiry of the aforesaid notice period;
 - (iii) Buyer fails to take delivery of Crude Oil it is obligated to under this Agreement and such failures are not excused by any other provision in the Agreement;
 - (iv) A Buyer event of Force Majeure continues for 30 days or more;
 - (v) A petition is filed with the court having jurisdiction or an order is made or an effective resolution is passed for the dissolution, liquidation, or winding up of Buyer;

- (vi) Buyer becomes insolvent or is adjudged bankrupt or makes an assignment for the benefit of its creditors or does not pay or is in Seller's reasonable opinion expected to be unable or unwilling to pay its debts as the same become due;
- (vii) A receiver is appointed for the whole or significant part of the assets or undertaking of Buyer;
- (viii) Buyer ceases or threatens to cease to carry on its business or a major part thereof or a distress, execution or other process is levied or enforced or sued out upon or against any significant part of the property of Buyer and is not discharged until [90] days;
- (ix) Pursuant to Article 15.2 Laws, Regulations, and Orders, the Parties fail to agree to a new Price or terms satisfactory to both Parties;
- (x) If Buyer is adjudged bankrupt or enters into an agreement with its creditors or takes advantage of any law for the benefit of debtors; or
- (xi) Buyer has passed a resolution to apply to a competent court for liquidation.

17.3 Buyer may at its sole discretion, and in addition to any other legal remedies it may have, forthwith upon giving [30] days' notice to Seller, terminate the Agreement if:

- (i) Seller is in substantial breach of its material obligations under the Agreement and such breach or failure remains unremedied at the expiry of the aforesaid notice period;
- (ii) A Seller event of Force Majeure continues for 30 days or more;
- (iii) A petition is filed with the court having jurisdiction or an order is made or an effective resolution is passed for the dissolution, liquidation, or winding up of Seller;
- (iv) Seller becomes insolvent or is adjudged bankrupt or makes an assignment for the benefit of its creditors or does not pay or is in Buyer's reasonable opinion expected to be unable or unwilling to pay its debts as the same become due;
- (v) A receiver is appointed for the whole or significant part of the assets or undertaking of Seller;
- (vi) Seller ceases or threatens to cease to carry on its business or a major part thereof or a distress, execution or other process is levied or enforced or sued out upon or against any significant part of the property of Seller and is not discharged until [90] days;

- (vii) Pursuant to Article 15.2 Laws, Regulations and Orders, the Parties fail to agree to a new Price or terms satisfactory to both Parties;
 - (viii) If Seller is adjudged bankrupt or enters into an agreement with its creditors or takes advantage of any law for the benefit of debtors; or
 - (ix) Seller has passed a resolution to apply to a competent court for liquidation.
- 17.4 In the event that the Government withdraws its consent to the Sellers selling crude oil to the domestic private refiner(s), the Sellers may without prejudice to any claim, remedy, suit or right of action the Sellers may have against the Buyer, terminate this Agreement by giving thirty (30) days notice to the Buyer to that effect.
- 17.5 In the event of Seller suspending deliveries of Crude Oil in any of these circumstances referred to in Article 17.2, Seller may, so long as the event continues, and in addition to any other legal remedies it may have, forthwith upon giving the appropriate notice to Buyer , terminate the Agreement.
- 17.6 If pursuant to the provisions of Article 17.2, Seller withholds, reduces or suspends delivery of the Crude Oil, then Seller shall be under no obligation to make up any quantity of the Crude Oil which would have been delivered to Buyer but for such withholding, reduction, or suspension.
- 17.7 Any termination of the Agreement shall be without prejudice to the rights and obligations of either Party as accrued at the date of termination.
- 17.8 Notwithstanding anything to the contrary express or implied elsewhere herein:
 - (i) Seller (without prejudice to its other rights) may at its sole discretion either terminate the Agreement forthwith suspend delivery under the Agreement until further notice, on notifying the other party either orally (confirming such notification in writing) or by notice in writing, if Buyer:
 - (1) fails to make any payment due to Seller under the Agreement in full and punctually by the Due Date;
 - (2) fails to take delivery in accordance with the Quantity or Delivery provisions of the Agreement

ARTICLE 18 **DISPUTE RESOLUTION**

- 18.1 Except as otherwise provided elsewhere in the Agreement, if any dispute, difference, question or disagreement arise between the parties hereto or their respective

representatives or assignees, at any time in connection with construction, meaning, operation, effect, interpretation of the Agreement or breach thereof which parties are unable to settle mutually, the same shall be referred to Arbitration as provided under **Schedule F** of this Agreement.

ARTICLE 19

INSURANCE OF CRUDE OIL

- 19.1 The responsibility for securing insurance for the Crude Oil, from marine or other risks lies completely with the Buyer after the Crude Oil passes the Delivery Point as provided in this Agreement.

ARTICLE 20

INDEMNITY

- 20.1 Any loss, damage, liability, cost and/or expense related to:

- (a) any injury to, ill health, disease or death of an employee or a contractor or subcontractor of a Party (or any employee of such contractor or sub-contractor); and/or
- (b) actual physical loss to a Party's facilities;

which is caused by either Party's operations at or near the Custody Transfer Point, shall be borne by the Party causing such loss, damage and/or cost or the Party which has engaged the relevant employee or contractor or sub-contractor, causing such loss, damage and/or cost and the Party bearing as aforesaid such loss, damage, liability, cost and/or expense shall defend, indemnify, hold harmless and release the other Party in respect of such loss, damage, liability, cost and/or expense.

- 20.2 Whenever a Party (the "**Indemnatee**") becomes aware of a claim in respect of which it will or may be entitled to require the other Party (the "**Indemnitor**") to defend, indemnify, hold harmless and release it pursuant to this Article above, the Indemnatee shall promptly notify the Indemnitor and the Indemnatee shall take such action as the Indemnitor may reasonably request to avoid, dispute, resist, appeal, compromise or defend the relevant claim and any judgement in respect thereof, subject to the Indemnatee being indemnified and secured to its reasonable satisfaction by the Indemnitor against all losses, costs, damages and expenses relating to such claim including, without limitation, those thereby incurred or to be incurred. If the Indemnitor does not request the Indemnatee to take any appropriate action as aforesaid, or shall fail to indemnify and secure the Indemnatee to its reasonable satisfaction within twenty-eight 28 days of the notice to the Indemnitor, the Indemnatee shall be free to pay or settle the relevant claim on such terms as it

may in its absolute discretion think fit and thereafter recover from the Indemnitor pursuant to the Indemnatee's rights under this Article.

ARTICLE 21
ASSIGNMENT/SUB-CONTRACTING

- 21.1 Neither Party shall assign any of its rights or transfer or subcontract any of its obligations under this Agreement without the prior written consent of the other Party which consent shall not be unreasonably withheld. In the event of an assignment in accordance with the terms of this Article, the assignor shall nevertheless remain responsible for the proper performance of the Agreement. Any assignment not made in accordance with the terms of this Article shall be void.

ARTICLE 22
LAW AND JURISDICTION

- 22.1 This Agreement shall be governed by and construed in accordance with the laws of India and the Parties submit to the exclusive jurisdiction of the Mumbai courts.

ARTICLE 23
NOTICES

- 23.1 All notices given by either party to the other under this Agreement shall be in writing.
- 23.2 Any notice or other communication required to be given pursuant to this Agreement shall be given by delivering the same by hand at, or by sending the same by registered/speed post (air mail if to an address outside the country of posting) to the address of the relevant Party set out in this Agreement or by fax, e-mail using the relevant number set out below or such other address as either Party may notify to the other from time to time. Any notice or other communication given as aforesaid shall be deemed to have been given at the time of delivery (if delivered by hand) or on transmission of the recipient's automatic answerback (if sent by fax) or when received (if sent by post):
1. For Seller: As set forth in Schedule B.C of this Agreement as Seller's address and Contact; and
 2. For Buyer: As set forth in Schedule B.C of this Agreement as Buyer's address and Contact.

ARTICLE 24
CONFIDENTIALITY

- 24.1 Subject to the further provisions of this Article 24, each Party shall maintain in confidence in accordance with the standards of care and diligence that it utilises in

maintaining its own confidential information the terms of this Agreement and any information supplied or obtained by a Party pursuant to the terms hereof ("**Confidential Information**").

- 24.2 Notwithstanding Article 24.1, confidential information will not be termed as confidential if
- 24.3 Disclosure of such information is required by law;
- 24.4 Disclosure of such information is required by any securities exchange or regulatory or governmental body to which such Party is subject or submits, wherever situated, whether or not such requirement for information has the force of law;
- 24.5 Such information is disclosed to the professional advisers, auditors, bankers of a Party provided that such Party procures that such persons protect such Confidential Information on the same terms as and agrees to be bound by as if it were a Party to this Article;
- 24.6 Such Information is already in the public domain through no fault of that Party;
- 24.7 The other Party has given prior written approval to for the disclosure of such information to the disclosing party;
- 24.8 Such information is disclosed to any potential assignees or transferees of such Party provided that such Party procures an undertaking in writing that the potential assignee or transferees protects such Confidential Information on the same terms as and agrees to be bound by as if it were a party to this Agreement.

ARTICLE 25 **NO AGENCY**

- 25.1 Neither Party shall, and each shall procure that its directors, officers and employees in that capacity, shall not, represent itself or otherwise hold itself out as an agent or other representative of the other Party or otherwise hold itself out as having any authority to bind the other of them unless such person is validly authorized to do so.

ARTICLE 26 **ANNOUNCEMENTS**

- 26.1 Neither of the Parties shall make any announcement relating to this Agreement, the transactions contemplated hereby, or any ancillary matter (otherwise than as required by any statutory or legal or existing contractual obligation or the requirement of any securities exchange or regulatory or governmental body, wherever situated, to which any party is subject or submits, whether or not the requirement has force of law) other than with the prior written approval of the other Party (such approval not to be unreasonably withheld or delayed).

ARTICLE 27
EFFECT OF INVALIDITY, ILLEGALITY, UNENFORCEABILITY

- 27.1 The invalidity, illegality or unenforceability of any of the terms of this Agreement in any respect for whatever reason under the law of any jurisdiction, shall not affect or impair the validity, legality or enforceability in that jurisdiction of any other provision of this Agreement, or under the law of any other jurisdiction of that or any other provision of this Agreement. The Parties shall make all reasonable endeavours to agree as far as possible that invalid terms shall be amended or replaced by valid terms with a similar effect in order to maintain the purpose and continuity of this Agreement and till the amendments are carried out, such invalid terms will be inoperative in relation to the rights and obligations of the Parties under this Agreement.

ARTICLE 28
GOOD FAITH

- 28.1 Each of the Parties shall, and shall use all reasonable endeavours to procure that any necessary third party shall, at its own cost, so execute or perform all such further deeds, documents, assurances, acts and things as may reasonably be required to perfect the transaction referred to herein, and to give effect to the terms of this Agreement.

ARTICLE 29
WAIVER

- 29.1 No delay or omission on the part of either Party in exercising any right, power or remedy provided by law or under this Agreement, nor any indulgence granted by any Party to any other Party, shall impair such right, power or remedy, or be constructed as a waiver thereof, nor shall the single or partial exercise of any right, power or remedy provided by law or under this Agreement preclude any other or further exercise thereof or the exercise of any other right, power or remedy.
- 29.2 Any waiver shall relate only to the matter, non-compliance or breach as it expressly relates to and shall not apply to any subsequent or other matter, non-compliance or breach.

ARTICLE 30
CUMULATIVE REMEDIES

- 30.1 Except as expressly provided herein, the rights, powers and remedies provided in this Agreement are cumulative and not exclusive of any rights, powers and remedies provided by law.

ARTICLE 31
ENTIRE AGREEMENT

- 31.1 This Agreement and the documents referred to therein or that are expressed to be entered into in connection with it and other agreements entered into contemporaneously with this Agreement constitute the entire agreement of the Parties with respect to the subject matter of this Agreement and supersedes any past understanding, agreement, side letter, amendments, etc. Each of the Parties hereby acknowledges that, in entering into this Agreement it has not relied on any representation or warranty save as set out expressly herein or in any document referred to herein.

ARTICLE 32
AMENDMENTS

- 32.1 No variation of or amendment to any of the terms of this Agreement shall be effective unless it is in writing and signed by or on behalf of each of the Parties and no waiver of any provision hereof shall be effective unless it is in writing and signed by the Parties against whom such waiver is sought to be entered.

ARTICLE 33
NO PARTNERSHIP

- 33.1 Nothing in this Agreement shall constitute or be deemed to constitute the relationship of principal and agent or of a partnership between the Parties and neither of them shall have any opportunity to bind the other in any way or for any purposes.

ARTICLE 34
PRIVITY

- 34.1 This Agreement is intended solely for the benefit of the Parties and is not intended to confer any benefits on, or create any rights in favour of any other person.

ARTICLE 35
COUNTERPARTS

- 35.1 This Agreement may be executed in multiple counterparts simultaneously, each of which shall be an original, but all of which shall constitute a single instrument.

ARTICLE 36
COMPLIANCE WITH LAWS

- 36.1 In carrying out the obligations, the Parties shall comply with all applicable statutes of India as may be amended from time to time.

ARTICLE 37
APPROVALS

- 37.1 Each Party shall be responsible for obtaining all consents, authorizations, approvals and assurances of whatsoever nature necessary to enable it to comply with its obligations under the Agreement.

ARTICLE 38
CONSEQUENTIAL LOSS, LIMITATION OF LIABILITY

- 38.1 Except as expressly provided for in this Agreement, neither Buyer or Seller shall be liable for consequential, indirect, remote, unforeseen or special losses/damages or for loss of control, profit or product of any kind arising out of or in any way connected with the conclusion, the performance or non or mis-performance or the termination of this Agreement, and whether arising in contract, tort including negligence or breach of duty, statutory, or otherwise.

ARTICLE 39
REPRESENTATIONS

- 39.1 Without prejudice to any liability for any fraudulent misrepresentation, each of the Parties hereby acknowledge to the other Party that it has not entered into this Agreement in reliance upon any representations made by such other Party (other than any made fraudulently) and accordingly, neither Party shall have any remedy against the other Party in relation to misrepresentation.

ARTICLE 40
NON-EXCLUSIVITY

- 40.1 Both parties to this agreement agree that entering into this agreement will not be a bar / limitation for either party to enter into similar agreements with other parties.

AS WITNESS the hands of the duly authorized representatives of the Parties the day and year first above written.

Signed on behalf of the

Signed on behalf of the

Oil and Natural Gas Corporation Limited

<Buyer>

By:

By:

In the presence of:

In the presence of:

SCHEDULE A

Loading Terminal			
Supply Location	Terminal Type	Loading Point	Delivery Mode
KG-DWN -98/2 FPSO	Off-shore Terminal	FPSO AS V	Marine Vessel

ADDITIONAL DETAILS:

Loading Point	Delivery Point	Delivery Mode	Custody Transfer Measurement System	Frequency of Measurement	Frequency of Quality Testing	Sampling for BS&W
FPSO	As defined in Article 5	Marine	Custody Transfer meter.	Batch wise	Batch wise	Auto sampler / TMB of Marine Vessel(Sampling for BS&W shall be done after draining free water)

SCHEDULE B

A. Typical Crude Oil Characteristics

LABORATORY REPORT NO. MUM/1617/24

CRUDE OIL - DETAILED ASSAY ALL CUTS OVERVIEW

Sample Name : ASV 2nd Offtake M-field Crude oil KG-DWN 98/2 block Collected from: Autosampler Collected on : 02.04.2024

Tests	Methods	Units	Whole Crude	Fractions						
Initial BP				C4	C5	140	250	370+	370	550+
Final BP		°C		140	250	370	550			
Yield	ASTMD 2892 & D5236	% Wt		0.61	11.42	14.73	22.76	50.48	36.46	14.02
		% Vol		0.95	13.16	15.66	22.94	47.29	35.19	12.10
Density @ 15° C	ASTMD 5002/D4052	kg/L	0.8519	0.5671	0.7404	0.8014	0.8446	0.9096	0.8827	0.9901
Specific Gravity @60/60°F	Conversion		0.8523		0.7406	0.8018	0.845	0.9101	0.8832	0.9907
API Gravity @60° F	Calculated	°API	34.5		59.6	45.0	36.0	34.0	28.7	11.3
Composition	GC	%Wt		See Page 8						
Aromatics										
Mono		% mass				10.8	12.3			
Di		% mass				1.0	4.8			
Tri		% mass				<0.1	<0.1			
Poly		% mass				1.0	4.9			
Asphaltene	P 143	% Wt	<0.50					<0.50		0.70
Basic Nitrogen	UOP 269	ppmw t				1	24	660		1600
Benzene	ASTMD 5580	%Wt			0.22					
Carbon Residue- Micro	ASTMD 4530	%Wt	1.60				<0.10	3.2	0.11	11.6
Organic Chloride	ASTMD 4929B	ppmw t			<1					
Composition- LightHC	P601	%Wt %Vol	See Page 14							
Paraffins		Vol %			45.212					
Olefins		Vol %			0.783					
Naphtlene		Vol %			46.877					
Aromatics		Vol %			7.098					
Flash Point (PMCC)	ASTMD 93D 170	°C	<5			46.5	>110			
Freezing Point	ASTMD 2386	°C				-51				
Hydrogen Sulphide (Liquid Ph)	UOP163	ppmw t			<1					
Kinematic Viscosity @ 20°C		cSt	#							
Kinematic Viscosity @ 40°C		cSt	8.610				4.325			
Kinematic Viscosity @ 50°C		cSt	5760				3.733			
Kinematic Viscosity @ 70°C		cSt						32.30	12.63	#
Kinematic Viscosity @ 100°C		cSt						13.69	6.720	257.10
Kinematic Viscosity @ 135°C		cSt								61.50
Mercaptan Sulphur	UOP163	ppmw t			<3					
Metals										
Copper	ICPOES	ppmw t	<1					<1	<1	<1
Iron	ICPOES	ppmw t	6					12	<1	44
Nickel	ICPOES	ppmw t	4					8	<1	30
Zinc	ICPOES	ppmw t	<1					<1	<1	1
Vanadium	ICPOES	ppmw t	<1					<1	<1	1
Mobir Octane Number	ASTMD 2700	Rating			67					
Pour Point	ASTMD 97	°C	21				6	51	51	78
Cold Filter Plugging Point	P309	°C				< -28				
Cloud Point	ASTMD 2508	°C					7			
Aniline Point	ASTMD 611	°C				61.5	81.0	90.8		
Aniline Point&API Product	Calculation					6431				
Saybolt	ASTMD 156					+23				
Doctor Test	P30				Negative					
Copper Strip Corrosion	ASTMD 130				1a					
Cetane Index	ASTMD 976	Rating				41.1	54.2			
Diesel Index	P21	-				64.3	64.1			
Raid Vapour Pressure @37.8°C	ASTMD 5191/D323	psi	4.5		3.84					
Research Octane Number	ASTMD 2699	Rating			69					
Salt Content	ASTMD 3230	by1000bolts	3.5							
Smoke Point	ASTMD 1322	mm				26				
Total Acid Number	ASTMD 664	mg KOH/g	0.25				0.20			
Total Nitrogen	ASTMD 4294/D5453	ppmw t	680			32	57	1300	450	3500
Total Sulphur	ASTMD 4294/D5453	%Wt	0.0508		0.0041	0.0150	0.0440	0.0757	0.0461	0.155
Water Content	ASTMD 4006/D6304	% Vol	0.05							
Water Content	ASTMD 6304	ppm					95			
Water & Sediments	ASTMD 4007	%Vol	0.20							
Sediment by Extraction	ASTMD 473	%Wt					<0.01			
Wax Appearance Temperature	DSC	°C	43.0							
Wax Disappearance Temperature	DSC	°C	53.0							
Wax Content	UOP 46*	%Wt	23.1				10.5	42.0	41.5	
Distillation	ASTMD 86/ D1160	°C			See Below	See Below	See Below	See Below	See Below	
Initial Boiling Point		°C			44.1	149.9	262.6	361.0	576.00	
5% recovered		°C			65.8	166.1	273.8	399.0	397.00	
10% recovered		°C			75.1	169.3	276.8	408.0	402.00	
20% recovered		°C			82.6	174.6	280.3	418.0	413.00	
30% recovered		°C			91.5	180.1	284.2	432.0	421.00	
40% recovered		°C			97.5	186.7	288.7	445.0	430.00	
50% recovered		°C			101.7	193.5	294.7	455.0	440.00	
60% recovered		°C			106.2	201.4	301.9	473.0	449.00	
70% recovered		°C			111.1	209.7	310.0	499.0	458.00	
80% recovered		°C			116.7	218.1	320.0		472.00	
90% recovered		°C			124.9	227.1	332.2		492.00	
95% recovered		°C			121.3	233.0	339.5		536.00	
FBFAET @ 400 °C Heats Temp.		°C			140.3	238.7	341.9	547.0	98.70	
Recovery		Vol %			98.3	98.4	98.4	79.4		
Residue		Vol %			1.0	0.8	1.2			
Loss		Vol %			0.7	0.8	0.2			

Note : (#) Not possible due to the nature of sample (*) Withdrawn method

**LABORATORY REPORT NO. MUM/1617/24****WHOLE CRUDE PROPERTIES**

Sample Descriptions / Label :

Sample Name : ASV 2nd Offtake M-Field Crude of KG-DWN 99/2 block ,Collected from: Autosampler ,Collected on: 02.04.2024

Tests	Methods	Units	Results
Density @ 15° C	ASTM D5002	kg/L	0.8519
Specific Gravity @ 60/60° F	Conversion		0.8523
API Gravity @ 60° F	Calculated	° API	34.5
Asphaltene	IP 143	% Wt	<0.50
Carbon Residue- Micro	ASTM D4530	% Wt	1.60
Composition (Upto C9)	IP 601	% Wt & %Vol	See Page 14
Flash Point	IP 170	° C	<-5
Kinematic Viscosity @ 20° C	ASTM D445	cSt	#
Kinematic Viscosity @ 40° C			8.610
Kinematic Viscosity @ 50° C			5.760
Metals			
Copper	ICPOES	ppm wt	<1
Iron	ICPOES	ppm wt	6
Nickel	ICPOES	ppm wt	4
Zinc	ICPOES	ppm wt	<1
Vanadium	ICPOES	ppm wt	<1
Pour Point	ASTM D97	° C	21
Reid Vapour Pressure @ 100° F	ASTM D323	psi	4.50
Salt Content	ASTM D3230	PTB	3.5
Total Acid Number	ASTM D664	mg KOH/g	0.25
Total Nitrogen	ASTM D5762	ppm wt	680
Total Sulphur	ASTM D4294	% Wt	0.0508
Water Content	ASTM D4006	% Vol	0.05
Water & Sediments	ASTM D4007	% Vol	0.20
Wax Appearance Temperature	DSC	°C	43.0
Wax Disappearance Temperature	DSC	°C	53.0
Wax Content	UOP 46°	% Wt	23.1

Note : (#) Not possible due the nature of the sample

Page 2



LABORATORY REPORT NO. MUM/1617/24
TRUE BOILING POINT DISTILLATION DATA
(ASTM D 2892 & ASTM D 5236)

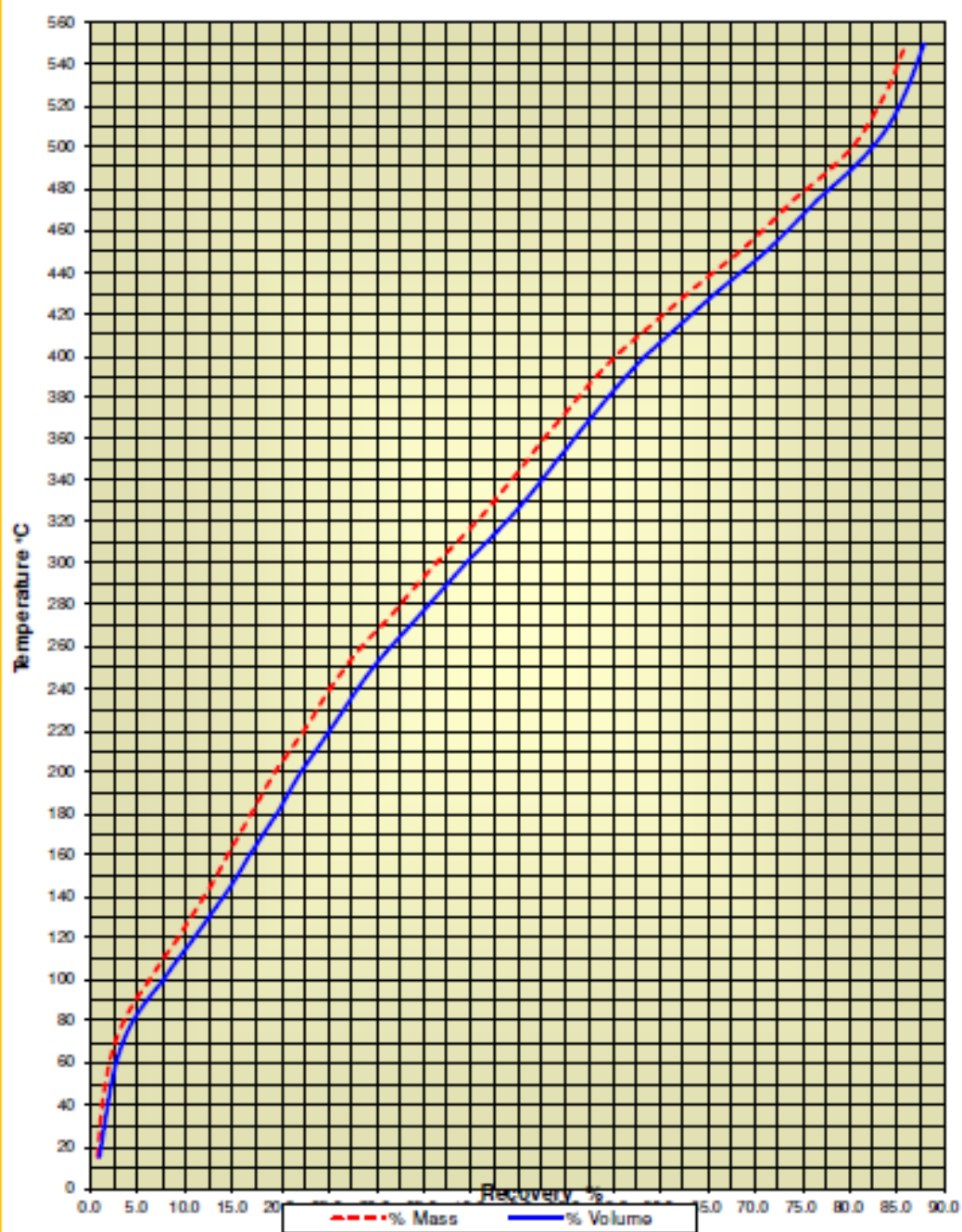
Sample Description / Label : Sample Name : ASV 2nd Offtake M-field Crude of KG-DWN 99/2 block , Collected from:
 Autosampler , Collected on: 02.04.2024

S/L No.	Method	Vapour Temperature °C	% Mass	Cumulative % Mass	% Volume	Cumulative % Volume
1	ASTM D2892	Gas	0.61	0.61	0.95	0.95
2		15 - 50	0.92	1.53	1.22	2.17
3		50 - 75	1.37	2.90	1.67	3.84
4		75 - 100	3.24	6.14	3.70	7.54
5		100 - 120	3.03	9.17	3.39	10.93
6		120 - 140	2.86	12.03	3.18	14.11
7		140 - 160	2.52	14.55	2.77	16.88
8		160 - 180	2.53	17.08	2.74	19.62
9		180 - 200	2.49	19.57	2.66	22.28
10		200 - 225	3.61	23.18	3.79	26.07
11		225 - 250	3.58	26.76	3.70	29.77
12		250 - 275	4.81	31.57	4.89	34.66
13		275 - 300	4.83	36.40	4.89	39.55
14		300 - 325	5.19	41.59	5.22	44.77
15		325 - 350	4.49	46.08	4.50	49.27
16		350 - 370	3.44	49.52	3.44	52.71
17	ASTM D5236	370 - 400	5.97	55.49	5.91	58.62
18		400 - 425	6.23	61.72	6.13	64.75
19		425 - 450	6.66	68.38	6.46	71.20
20		450 - 475	5.97	74.35	5.70	76.90
21		475 - 500	5.92	80.27	5.64	82.54
22		500 - 525	3.43	83.70	3.24	85.78
23		525 - 550	2.28	85.98	2.12	87.90
24		550 + Residue	14.02	100.00	12.10	100.00



Sample Name : ASV 2nd Offtake M-field Crude of KG-DWN 98/2 block ,

TRUE BOILING POINT DISTILLATION CURVE
(ASTM D 2892 & ASTM D 5236)



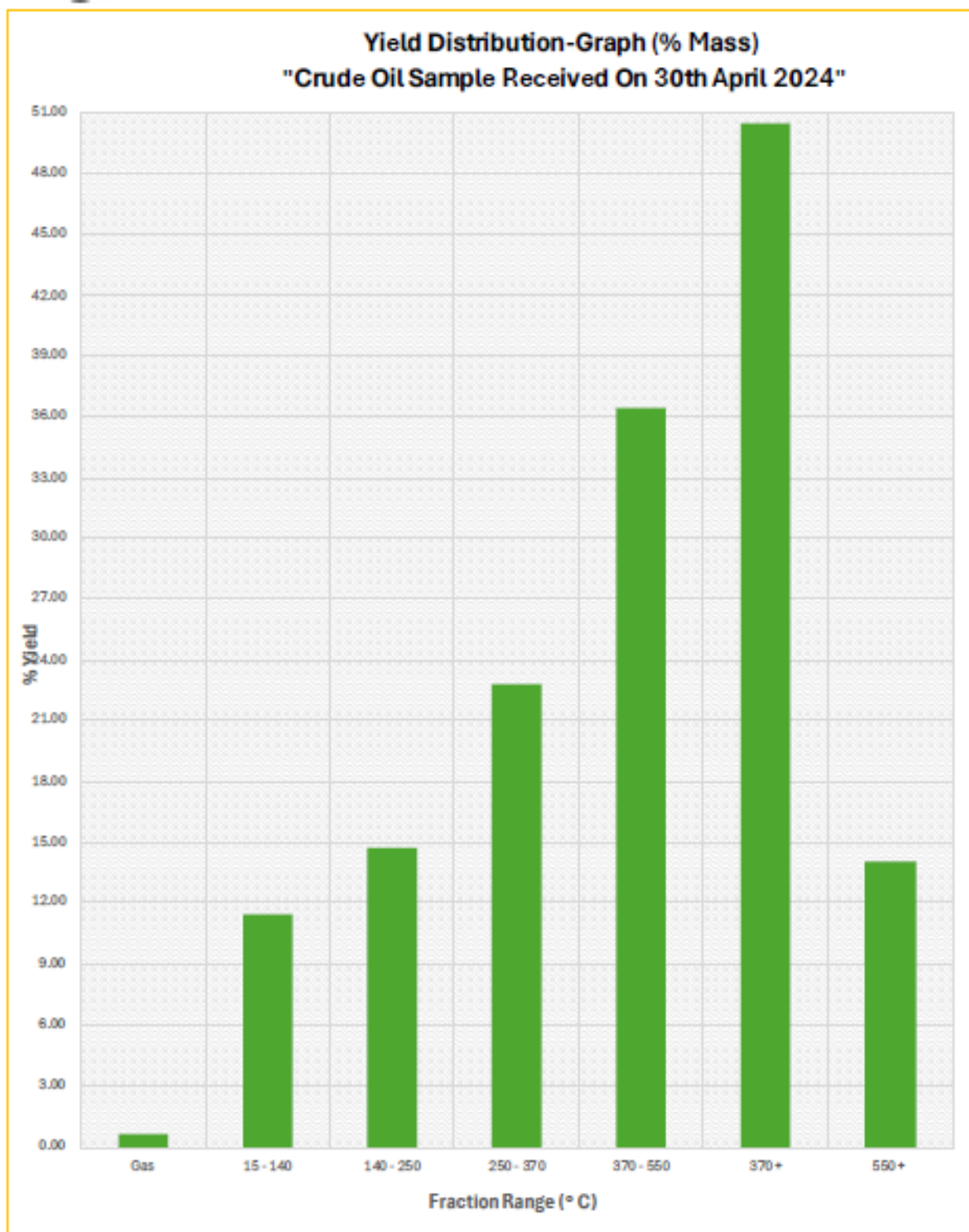


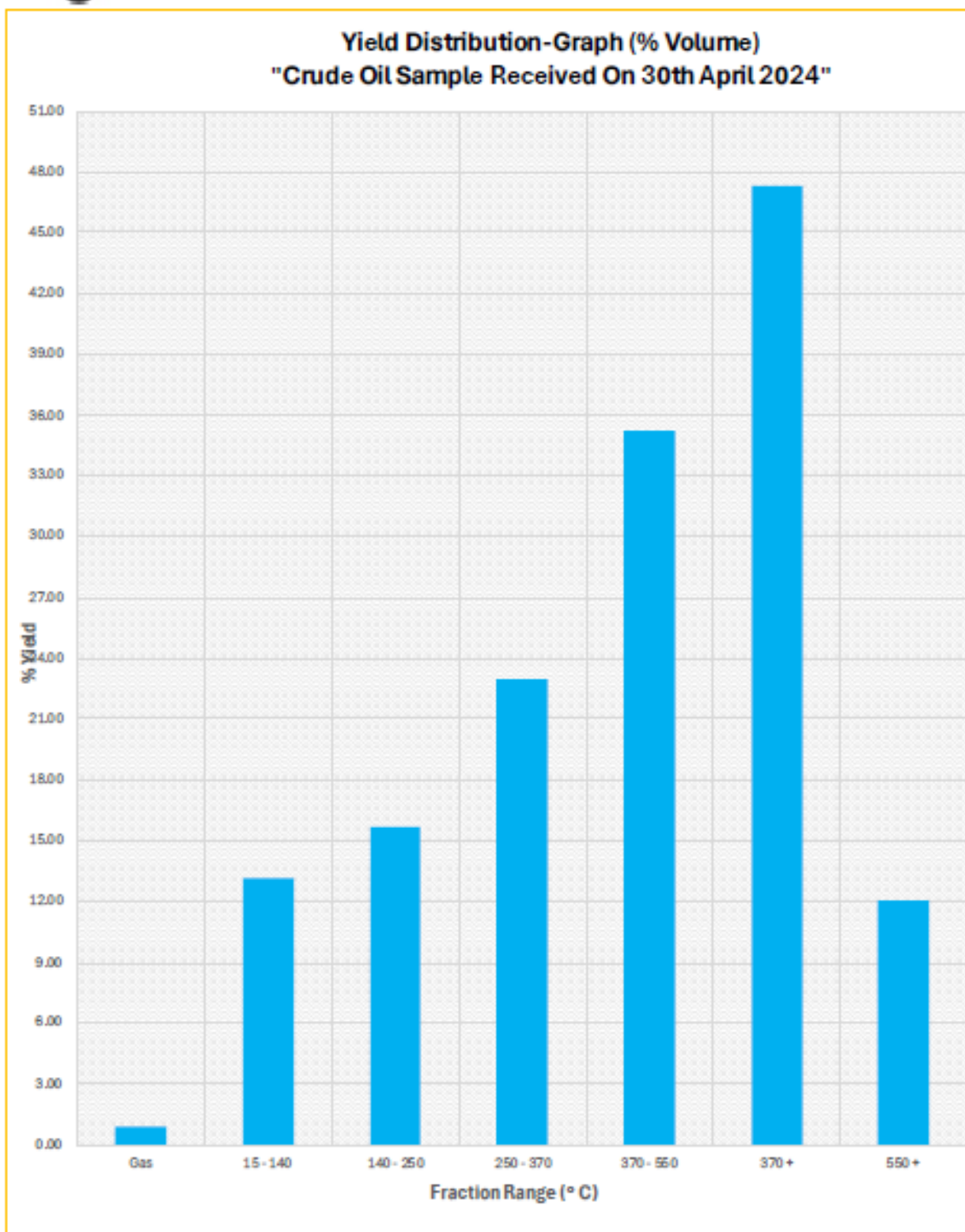
LABORATORY REPORT NO. MUM/1617/24

SUMMARY OF PRODUCT / RESIDUE CUT POINTS AND YIELDS

Sample Descriptions: Sample Name : ASV 2nd Offtake M-field Crude of KG-DWN 98/2 block
, Collected from: Autosampler ,Collected on: 02.04.2024

Products	Cut Points	Yield	
	(° C)	% Mass	Volume %
Gas	Below 15	0.61	0.95
Naphtha	15 - 140	11.42	13.16
Kerosene	140 - 250	14.73	15.66
Gas Oil	250 - 370	22.76	22.94
Vacuum Gas Oil	370 - 550	36.46	35.19
Residues	370 +	50.48	47.29
	550 +	14.02	12.10







LABORATORY REPORT NO. MUM/1617/24

SUMMARY OF LIGHT END COMPOSITION

Sample Descriptions : Sample Name : ASV 2nd Offtake M-field Crude of KG-DWN 98/2 block ,Collected from: Autosampler ,Collected on: 02.04.2024

Tests	Methods	Units	Results
Yield	ASTM D 2892	% Wt.	0.61
Yield		% Vol.	0.95
Density @ 15°C	GC / Calculated	kg/L	0.5671
Methane	GC	% Wt.	<0.010
Ethane			0.524
Propane			35.042
i-butane			24.093
n-Butane			35.262
i-pentane			3.919
n-Pentane			1.159



LABORATORY REPORT NO. MUM/1617/24

Sample Descriptions:

Sample Name : ASV 2nd Offtake M-field Crude of KG-DWN 98/2 block
Collected from: Autosampler , Collected on: 02.04.2024

Tests	Methods	Units	Naphtha Cut
			Results
Initial BP		°C	15
Final BP		°C	140
Yield	ASTM D2892	% Wt.	11.42
		% Vol.	13.16
Density @ 15°C	ASTM D4052	kg/L	0.7404
Specific Gravity @ 60/60° F	Conversion		0.7406
API Gravity @ 60° F	Calculated	° API	59.6
Benzene	ASTM D5580	% Wt.	0.22
Paraffins	ASTM D6730	% Vol.	45.212
Olefins		% Vol.	0.783
Naphthene		% Vol.	46.877
Aromatics		% Vol.	7.098
Hydrogen Sulphide (Liquid Phase)	UOP163	ppm wt	<1
Mercaptan Sulphur	UOP 163	ppm wt	<3
Organic Chloride	ASTM D4929B	ppm wt	<1
Motor Octane Number	ASTM D2700	Rating	67
Doctor Test	IP 30		Negative
Copper Strip Corrosion	ASTM D130		1a
Reid Vapour Pressure @ 100° F	ASTM D5191	psi	3.84
Research Octane Number	ASTM D2699	Rating	69
Sulphur	ASTM D5453	% Wt.	0.0041
Distillation			
Initial Boiling Point	ASTM D86	°C	44.1
5% recovered		°C	68.8
10% recovered		°C	75.1
20% recovered		°C	82.6
30% recovered		°C	91.5
40% recovered		°C	97.5
50% recovered		°C	101.7
60% recovered		°C	106.2
70% recovered		°C	111.1
80% recovered		°C	116.7
90% recovered		°C	124.9
95% recovered		°C	121.3
Final Boiling Point		°C	140.3
Recovery		Vol %	98.3
Residue		Vol %	1.00
Loss		Vol %	0.70



LABORATORY REPORT NO. MUM/1617/24

Sample Descriptions:-

Sample Name : ASV 2nd Offtake M-field Crude of KG-DWN 98/2
block ,Collected from: Autosampler ,Collected on: 02.04.2024

Tests	Methods	Units	Gas Oil Cut
			Results
Initial BP		°C	250
Final BP		°C	370
Yield	ASTM D2892/D5236	% Wt.	22.76
Yield		% Vol.	22.94
Density @ 15° C	ASTM D4052	kg/L	0.8446
Specific Gravity @ 60/60° F	Conversion		0.8450
API Gravity @ 60° F	Calculated	° API	35.0
Aromatics			
Mono	IP 391	% Wt.	12.3
Di		% Wt.	4.8
Tri		% Wt.	<0.1
Poly		% Wt.	4.9
Carbon Residue- Micro	ASTM D4530	% Wt.	<0.10
Basic Nitrogen	UOP 269	ppm wt	24
Flash Point (PMCC)	ASTM D93	°C	>110
Kinematic Viscosity @ 40°C	ASTM D445	cSt	4.325
Kinematic Viscosity @ 50°C	ASTM D445	cSt	3.733
Pour Point	ASTM D97	°C	6
Cloud Point	ASTM D2500	°C	7
Aniline Point	ASTM D611	°C	81.0
Cetane Index	ASTM D976	Rating	54.2
Diesel Index	IP 21	-	64.1
Total Acid Number	ASTM D664	mg KOH/g	0.20
Total Nitrogen	ASTM D5762	ppm wt	57
Total Sulphur	ASTM D4294	% Wt.	0.0440
Water Content	ASTM D6304	ppm	95
Sediment by Extraction	ASTM D473	% Wt.	<0.01
Wax Content	UOP 48	% Wt.	10.5
Distillation			
Initial Boiling Point	ASTM D86	°C	262.6
5% recovered		°C	273.8
10% recovered		°C	276.8
20% recovered		°C	280.3
30% recovered		°C	284.2
40% recovered		°C	288.7
50% recovered		°C	294.7
60% recovered		°C	301.9
70% recovered		°C	310.0
80% recovered		°C	320.0
90% recovered		°C	332.2
95% recovered		°C	339.5
Final Boiling Point		°C	341.9
Recovery		Vol %	98.4
Residue		Vol %	1.2
Loss		Vol %	0.2

Note:- IP Method used



LABORATORY REPORT NO. MUM/1617/24

Sample Descriptions:

Sample Name : ASV 2nd Offtake M-field Crude oil KG-DWN 98/2
block ,Collected from: Autosampler ,Collected on: 02.04.2024

Tests	Methods	Units	VGO Cut
			Results
Initial BP		°C	370
Final BP		°C	560
Yield	ASTM D2892/D5236	% Wt.	36.46
Yield		% Vol.	35.19
Density @ 15° C	ASTM D4052	kg/L	0.8827
Specific Gravity @ 60/60° F	Conversion		0.8832
API Gravity @ 60° F	Calculated	° API	28.7
Carbon Residue- Micro	ASTM D4530	% Wt	0.11
Kinematic Viscosity @ 70°C	ASTM D445	cSt	12.63
Kinematic Viscosity @ 100°C	ASTM D445	cSt	6.720
Metals			
Copper	ICPOES	ppm wt	<1
Iron	ICPOES	ppm wt	<1
Nickel	ICPOES	ppm wt	<1
Zinc	ICPOES	ppm wt	<1
Vanadium	ICPOES	ppm wt	<1
Pour Point	ASTM D97	°C	51
Total Nitrogen	ASTM D5762	ppm wt	450
Total Sulphur	ASTM D4294	% Wt	0.0461
Wax Content	UOP 48°	% Wt.	41.5
Distillation			
Initial Boiling Point	ASTM D1160	°C	376
5% recovered		°C	397
10% recovered		°C	402
20% recovered		°C	413
30% recovered		°C	421
40% recovered		°C	430
50% recovered		°C	440
60% recovered		°C	449
70% recovered		°C	458
80% recovered		°C	472
90% recovered		°C	492
95% recovered		°C	518
AET @ 400 °C Kettle Temperature		°C	536
Recovery @ 400°C Kettle Temp.		Vol %	98.7

Note: (*) Withdrawn method



LABORATORY REPORT NO. MUM/1617/24

Sample Descriptions:

Sample Name : ASV 2nd Offtake M-field Crude of KG-DWN 98/2 block
 ,Collected from: Autosampler ,Collected on: 02.04.2024

Tests	Methods	Units	Residue Cut	
			Results	
Initial BP		°C	370 + Residue	550 + Residue
Final BP		°C		
Yield	ASTM D2892/D5236	% Wt.	50.48	14.02
Yield		% Vol.	47.29	12.10
Density @ 15° C	IP 365	kg/L	0.9096	0.9901
Specific Gravity @ 60/60° F	Conversion		0.9101	0.9907
API Gravity @ 60° F	Calculated	° API	24.0	11.3
Asphaltene	IP 143	% Wt.	<0.50	0.70
Carbon Residue- Micro	ASTM D4530	% Wt.	3.2	11.6
Kinematic Viscosity @ 70°C	ASTM D445	cSt	32.30	#
Kinematic Viscosity @ 100°C			13.69	257.1
Kinematic Viscosity @ 135°C				61.50
Metals				
Copper	ICPOES	ppm wt	<1	<1
Iron			12	44
Nickel			8	30
Zinc			<1	1
Vanadium			<1	1
Pour Point	ASTM D97	°C	51	78
Aniline Point	ASTM D611	°C	99.8	
Total Sulphur	ASTM D4294	% Wt.	0.0757	0.155
Basic Nitrogen	UOP 269	ppm wt	680	1600
Total Nitrogen	ASTM D5762	ppm wt	1300	3500
Wax Content	UOP 46*	% Wt.	42.0	
Initial boiling point	ASTM D1160	°C	361	
AET @ 5% Recovery		°C	399	
AET @ 10% Recovery		°C	408	
AET @ 20% Recovery		°C	418	
AET @ 30% Recovery		°C	432	
AET @ 40% Recovery		°C	445	
AET @ 50% Recovery		°C	455	
AET @ 60% Recovery		°C	473	
AET @ 70% Recovery		°C	499	
AET @ 400 °C Kettle Temperature		°C	547	
Recovery @ 400°C Kettle Temp.		Vol %	79.4	

Notes: (1) Method used

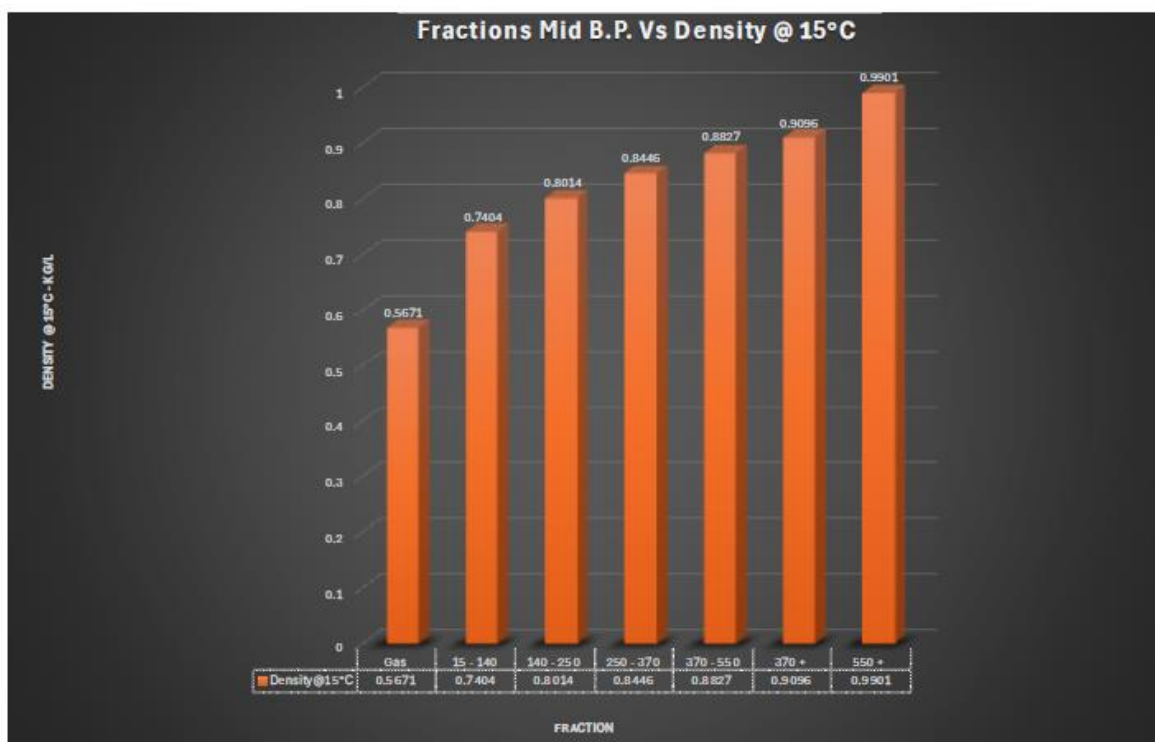


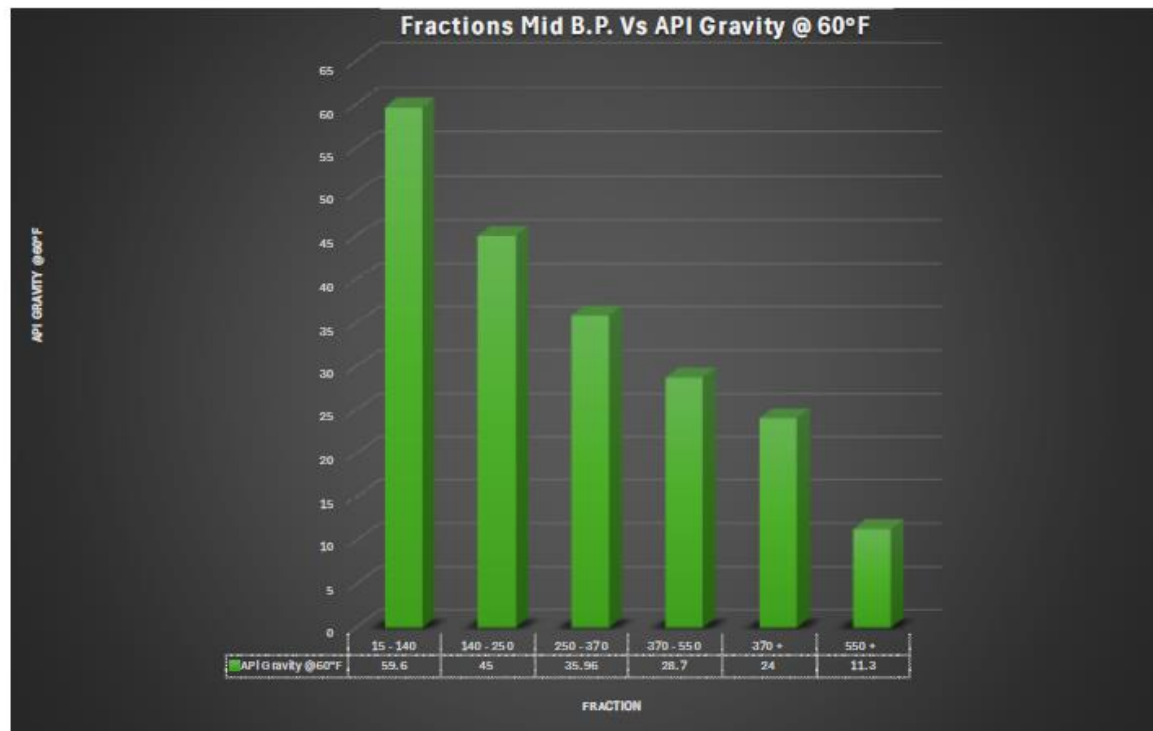
LABORATORY REPORT NO. MUM/1617/24

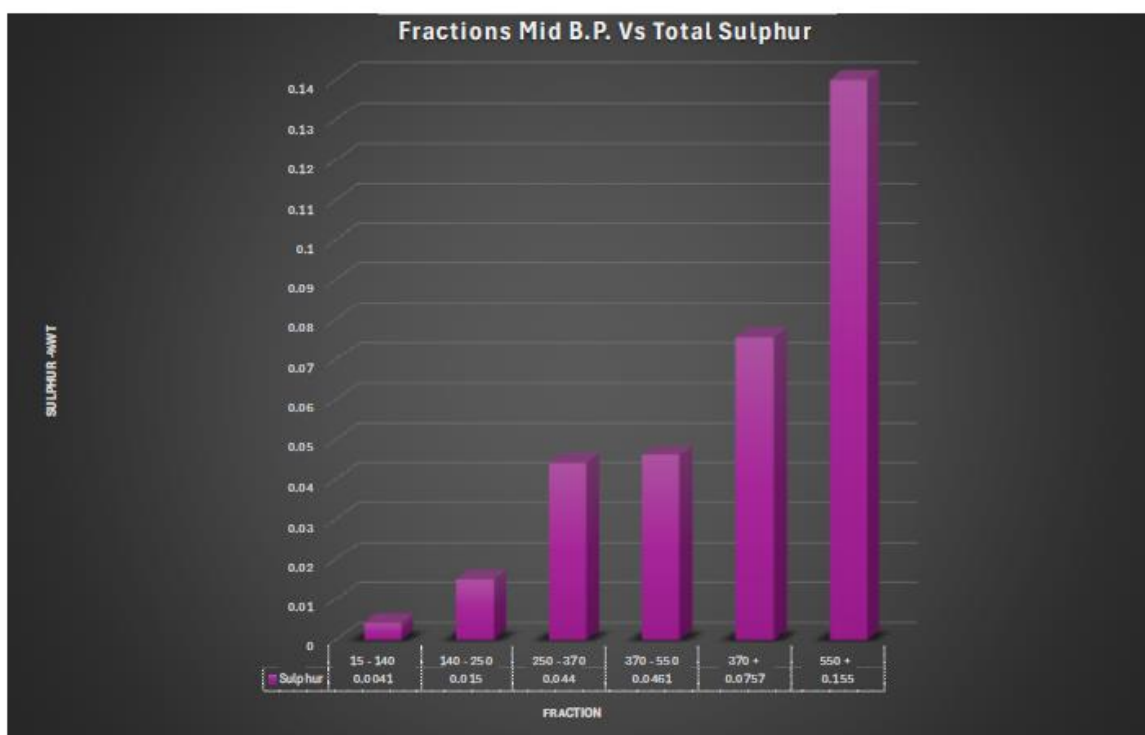
Sample Descriptions / Label : Sample Name : ASV 2nd Offtake M-field Crude of KG-DWN 98/2 block
Collected from: Autosampler ,Collected on: 02.04.2024

COMPOSITION UP TO C9

Component	Mass %	Volume %	Component	Mass %	Volume %
propane	0.0578	0.1154	1,1-methylethylcyclopentane	0.1447	0.1853
i-butane	0.0963	0.1727	unknown	0.0122	0.0175
n-butane	0.3029	0.5233	1c,2c,3-trimethylcyclopentane	0.2534	0.3251
i-pentane	0.4023	0.6493	n-octane	0.4761	0.6778
n-pentane	0.4533	0.7238	1c,4-dimethylcyclohexane	0.0271	0.0346
cyclopentane	0.1169	0.1568	unknown	0.1125	0.1607
2,3-dimethylbutane	0.0635	0.0959	2,4,4-trimethylhexane	0.0242	0.0327
2-methylpentane	0.3309	0.5066	unknown	0.0134	0.0191
3-methylpentane	0.2027	0.3051	unknown	0.0212	0.0302
n-hexane	0.4555	0.6907	2,2-dimethylheptane	0.0166	0.0234
methylcyclopentane	0.5944	0.7940	N4	0.0668	0.0857
2,4-dimethylpentane	0.0254	0.0377	ethylcyclohexane	0.0421	0.0537
benzene	0.0323	0.0367	2,4-dimethylheptane	0.4529	0.6332
cyclohexane	0.9343	1.2001	4,4-dimethylheptane	0.1467	0.2051
2-methylhexane	0.1486	0.2190	2,5-dimethylheptane	0.0296	0.0413
2,3-dimethylpentane	0.0815	0.1172	3,3-dimethylheptane	0.0264	0.0364
1,1-dimethylcyclopentane	0.0527	0.0698	3,5-dimethylheptane	0.0240	0.0332
3-methylhexane	0.1638	0.2383	2,6-dimethylheptane	0.0316	0.0446
1c,3-dimethylcyclopentane	0.1648	0.2212	1,1,3-trimethylcyclohexane	0.0219	0.0278
1l,3-dimethylcyclopentane	0.1602	0.2139	N10	0.0202	0.0259
3-ethylpentane	0.0200	0.0287	ethylbenzene	0.1638	0.1889
1l,2-dimethylcyclopentane	0.2728	0.3630	1c,2l,4l-trimethylcyclohexane	0.0876	0.1124
n-heptane	0.4820	0.7050	1,3-dimethylbenzene	0.1578	0.1826
unknown	0.0402	0.0574	1,4-dimethylbenzene	0.1650	0.1916
methylcyclohexane	1.5057	1.9570	I7	0.0622	0.0852
2,2-dimethylhexane	0.0741	0.1066	unknown	0.0142	0.0203
ethylcyclopentane	0.1396	0.1822	4-methyloctane	0.0323	0.0448
unknown	0.0273	0.0389	I4	0.0714	0.0978
1c,2l,4-trimethylcyclopentane	0.1049	0.1374	1c,2l,3-trimethylcyclohexane	0.0198	0.0261
1l,2c,3-trimethylcyclopentane	0.1343	0.1743	3-ethylheptane	0.0171	0.0236
toluene	0.5556	0.6409	3-methyloctane	0.0738	0.1024
2,3-dimethylhexane	0.0258	0.0363	unknown	0.0236	0.0338
2-methyl-3-ethylpentane	0.0597	0.0838	unknown	0.0131	0.0187
2-methylheptane	0.2292	0.3284	unknown	0.0122	0.0174
4-methylheptane	0.0385	0.0546	unknown	0.0181	0.0259
unknown	0.0161	0.0230	1,2-dimethylbenzene	0.0710	0.0806
3-methylheptane	0.0794	0.1125	unknown	0.0146	0.0208
1l,4-dimethylcyclohexane	0.0159	0.0209	I6	0.0597	0.0817
1c,2l,3-trimethylcyclopentane	0.4233	0.5494	N18	0.1423	0.1824
unknown	0.0288	0.0411	I8	0.0845	0.1157
1,1-dimethylcyclohexane	0.1384	0.1772	N21	0.0127	0.0163
3c-ethylmethylcyclopentane	0.0431	0.0562	N22	0.0174	0.0223
3l-ethylmethylcyclopentane	0.0615	0.0801	unknown	0.0141	0.0201
2l-ethylmethylcyclopentane	0.0563	0.0733	n-nonane	0.4699	0.6548







B. Testing and Measurement Standards

Sn	Parameter	Measurement Standard
1	Sampling	ASTM 4057 or ASTM 4177 or as mutually agreed
2	Density	ASTM D 1298/ ASTM D 5002
3	Specific Gravity	Conversion Table
4	API Gravity	Calculation from Petroleum Measurement Table 53 A Method
5	Pour Point	IP-15/95 or ASTM D-97 or ISO 3016:1994
6	RVP	IP-69/01 or ASTM D-323/94 or ISO 3007:1999
7	Water Content	ASTM D4006/D6304/
8	Sediments	ASTM D 4007
9	Salinity of Crude Oil	ASTM D3230
10	Sulphur Content	XRF Method D 4294/98
11	Organic Chloride	ASTM 4929 Proc B

Quantity

Measurement Systems as per recommendations of MPMS (Manual of Petroleum Measurement System) published by API (American Petroleum Institute)

C. Details of Buyer and Seller

Buyer

Refinery:

Contact Person:

Address:

Phone Number:

Seller

Contact Person:

Address:

Chief Marketing Services

Oil and Natural Gas Corporation Ltd,
Corporate Marketing Group, 1st Floor,
Tower B, Deendayal Urja Bhawan,
5, Nelson Mandela Marg,
Vasant Kunj, New Delhi-110 070

Phone Number:

011-2675-1315/1430

Fax Number:

chiefmarketing@ongc.co.in

SCHEDULE C

PLANNING, SCHEDULING, ALLOCATION AND SHORTFALL IN QUANTITIES

1. Planning & Scheduling

- a. IWG meeting shall be held on or prior to M-15 days. During the IWG meeting, day-wise crude supply schedule will be prepared from each supply location, based on the available quantity.
- b. Schedule will be prepared in consultation with all stakeholders present in the meeting. In case of conflicting demands from Buyers, ONGC's decision as a supplier will be final. For avoidance of doubt, ONGC reserves unfettered right to suspend, withhold, curtail or modify supply volumes planned in IWG meeting.
- c. The quantity thus scheduled in the IWG meeting shall be the Monthly Planned Quantity (MPQ) for each Buyer for the month M.

2. Allocation

- a. The actual quantity supplied by the Seller to the Buyer, at the end of each month, shall be the **Monthly Allocated Quantity (MAQ)**
- b. Buyer shall uplift minimum 90% of MPQ. Any quantity offtaken less than 90% of MPQ shall be considered as shortfall in quantity, subject to the provisions of Article 6.2.

3. Shortfall in quantity

- a. If in a particular month, Buyer is unable for any reason whatsoever, other than any Force Majeure event/Adverse weather conditions, to take delivery of minimum 90% of MPQ pursuant to the contract and if;
 - i. Seller supplies that crude oil to some other buyer due to operational constraints, Buyer shall forego the right to take the quantities of the Crude Oil not taken and Buyer shall pay to Seller the difference (shortfall) between the Contract Price and the price actually realized by Seller in disposing of the Crude Oil not lifted, and all other direct losses and costs that may be incurred by Seller.
 - ii. Buyer agrees to receive that crude oil in the next month subject to consent of Seller, then Buyer shall pay the higher of the applicable prices for the months under consideration.
- b. If in a particular month, Seller is unable for any reason whatsoever, other than any Force Majeure event/adverse weather condition, to deliver minimum 90% of MPQ pursuant to the contract, then Seller shall deliver that shortfall quantity in the next month, and Buyer shall pay the lower of the applicable prices for the months under consideration.

SCHEDULE D

Custody Transfer Quantity: Sample Calculation

A. If meter is in working condition

SR NO	HEADING	DESCRIPTION
1	Oil and water at Observed Temp in M3 (Gross Meter reading)	Reading taken from Meter in the presence of surveyor
2	Percentage of water (free water) as per auto sampler/ship	To be taken from ONGC installed auto sampler, if not working, from ship. Analysis to be done at FPSO AS-V
3	Water vol in M3 (2 X 1)	Calculation of free water, does not include sediments & suspensions
4	Gross oil volume (1 - 3)	Free water excluded from oil
5	Volume measured by meter at 15 C in M3	Reading taken from Meter in the presence of surveyor, include B&S & water
6	Volume Reduction Factor (5/1)	Corrects oil volume to standard reference temp - Table 54A
7	Standard volume in M3 at 15 deg C	Does not include free water, 4*6
8	B.S & W %v/v	Calculated from sample in the lab
9	B.S & W in M3,(7 X 8/100)	Calculation
10	Net Oil Volume in M3 at 15 deg C (7-9)	Dry oil volume at normal pressure
11	Weight Reduction Factor	density -0.0011, table 56
12	Net qty in MT (10 X 11)	conversion of volume to weight in air
13	Quantity in barrels (10 X 6.29297)	Dry crude in bbls, invoice generated on this no
14	Bill of Lading Qty	5 X 11

B. If meter is down/not working

SR NO	HEADING	DESCRIPTION
1	Oil and water at Observed Temp in M3 (Gross Meter reading)	Reading taken from ship tanks using VEF, dip has to be taken correctly. VEF from ship document. Check OBQ
2	Percentage of water (free water) as per auto sampler/ship	To be taken from ONGC installed auto sampler, if not working, from ship. Analysis to be done at FPSO AS-V
3	Water vol in m3 (2 X 1)	Calculation of free water, does not include sediments & suspensions
4	Gross oil volume (1 - 3)	Free water excluded from oil
5	Volume measured by meter at 15 deg C in M3	1 * 6
6	Volume Reduction Factor (5/1)	From surveyor document, Table 54A has to be checked correctly
7	Standard volume in M3 at 15 C	Does not include free water, 4*6
8	B.S & W % v/v	Calculated from sample in the lab
9	B.S & W in m3, (7 X 8/100)	Calculation
10	Net Oil Volume in M3 at 15 C (7 - 9)	Dry oil volume at normal pressure
11	Weight Reduction Factor	Density -0.0011, Table 56
12	Net qty in MT (10 X 11)	Conversion of volume to weight in air
13	Quantity in barrels(10 X 6.29297)	Dry crude in bbls, invoice generated on this no
14	B/L	Point 5 X Point 11
15	Ship quantity + H2O	

SCHEDULE E

Payment Security Deposit

**PRO-FORMA FOR IRREVOCABLE STANDBY LETTER OF CREDIT (L/C)
TOWARDS SECURITY DEPOSIT(S)
UNCONDITIONAL IRREVOCABLE STANDBY LETTER OF CREDIT. NO.
BENEFICIARY: OIL AND NATURAL GAS CORPORATION LTD,**

To

[SELLER / BENEFICIARY]

[ADDRESS]

.....

AMOUNT OF LETTER OF CREDIT: ₹..... EXPIRY
DATE.....

We hereby establish unconditional irrevocable Letter of Credit no.-----Dt.-----in
favour of Oil and Natural Gas Corporation Ltd., _____ Asset, _____
Dist.:_____, _____Pin- _____for ₹..... against COSA /RFP no.
<RFP no. to be entered> as per following details:-

1. This is an unconditional STANDBY IRREVOCABLE and without recourse LETTER OF CREDIT which allows multiple part encashment and is valid up to _____ for submission of documents for negotiation to the bank.
2. This Letter of Credit covers payment towards Payment Security Deposit as a part of the bid to cover the corresponding Security Value as per provision of the COSA.
3. All bank charges including negotiation/ handling and interest charges will be borne by the opener of Letter of Credit i.e. Bidder/buyer.
4. If the payment to ONGC/ONGC banker is not made at sight of documents, interest @ SBI Base Rate plus 6 % (six percent) per annum compounded quarterly for each day payments are overdue until paid, shall be charged.
5. Payment against the Letter of Credit shall be released immediately on presentation..
6. This unconditional irrevocable Letter of Credit is available for negotiation directly with the issuing Bank/Branch or through ONGC's bankers without recourse to the drawer.
7. The Issuing Bank undertakes not to amend any of the terms and conditions of this letter of credit (L/C) without prior consent of Beneficiary during the validity of this Letter of Credit.
8. The issuing Bank certifies that the officer(s) signing this Letter of Credit is (are) authorized for this purpose and shall remain binding upon the issuing bank.
9. The Issuing Bank shall forward and submit this Letter of Credit to the Advising Bank for advising of this Letter of Credit to Beneficiary
10. We, Bank Name, A Company Incorporated under The Companies Act, 1956 and Carrying on Banking Business Under The Banking Regulation Act, 1949 and having

Its Registered office at ----- and Its Corporate office at ----- and one of Its Branch office at (Hereinafter Referred To As The "Bank" Which Expression Shall Unless Repugnant To Context Or Meaning Thereof, Include Its Successors Or Assigns In Business), do hereby undertake to pay the Beneficiary, on demand any and all monies payable by the applicant to the extent of **Rs. -----(Rupees----- Only)** as aforesaid at any time up to [Date] without any demur, delay, reservation contest, or protest and/or without any reference to the applicant. Any such demand made by the beneficiary on the Bank shall be conclusive and binding notwithstanding any difference, dispute or objection between the beneficiary and applicant or any dispute pending before any Court, Tribunal, Arbitrator or any other Authority and the Bank's liability under this present being absolute and unequivocal. The Bank shall not require the beneficiary to justify the invocation of this SBLC, nor shall the Bank have any reference against the procurer(s) in respect of any payment made hereunder.

We hereby guarantee to protect the beneficiary from any consequences, which may arise in the event of non-acceptance or non-payment of, draft drawn in accordance with the terms of credit.
Yours faithfully

(Sign of authorized Officer of Bank)

SCHEDULE F

ARBITRATION AND DISPUTE RESOLUTION

- (i). The Parties shall use their best efforts to settle amicably all disputes or difference arising out of or in connection with any of the terms and conditions of this Agreement or concerning the interpretation or performance thereof.

- (ii). Sole Expert

Matters which, by the terms of this Agreement, the Parties have agreed to refer to an expert and any other matters which the Parties may agree to so refer, may be referred to a sole expert ("Expert") who shall be an independent and impartial person of international standing with relevant qualifications and experience, appointed by agreement between the Parties and who shall not, by virtue of nationality, personal connection or commercial interest, have a conflict between his/her own interest and his/her duty as a sole expert. In the event that the Parties fail or are unable, to agree on an Expert within 30 days or such longer period as may be mutually agreed by Parties, the matter shall be referred to Arbitration pursuant to this Schedule. Any Expert appointed shall be acting as an expert and not as an arbitrator and the decision of the Expert on matters referred to him/her shall be final and binding on the Parties and shall not be subject to [AMRCD and Arbitration]. The Parties intend that the Expert will primarily deal with "technical matters" (meaning matters involving issues including metering or measurement of crude oil and payment disputes which are capable of determination by reference to engineering or scientific or commercial knowledge and practice). The fees and expenses of an Expert appointed by the Parties shall be borne equally by the Parties.

- (iii). If such disputes or differences cannot be settled amicably within ninety (90) days or such longer period as may be mutually agreed by the parties from the date of receiving written notice for the said purpose, then, such dispute or difference may be submitted to Arbitration for decision as hereinafter provided-

Arbitration

- (a) For Public Sector Undertaking:**

In the event of any dispute or difference relating to the interpretation and application of the provisions of this Agreement, between Central Public Sector Enterprise (CPSEs), such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM No. 4(1)/2013-DPE(GM)/FTS-1835 dated 22-05-2018 and subsequent amendments.

(b) Other than Pubic Sector Undertaking:

Such dispute or difference shall be referred exclusively to arbitration under the provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time. Arbitration under this clause will be referred to a panel of three (3) arbitrators. For arbitration between parties, one arbitrator shall be appointed by the Claimant(s) and the other arbitrator by the other Party, the two arbitrators so appointed shall then appoint the third arbitrator.

The claimant(s) and respondent(s) shall share the cost of arbitration equally. The seat and venue of the arbitration shall be New Delhi, provided that the Arbitrator may with the consent of Seller and Buyer agree upon any other venue. The language of arbitration shall be English.

Notwithstanding the existence of any arbitration in terms thereof or otherwise, the Parties shall continue and be bound to continue and perform all its/his outstanding obligations in all respects under this Agreement and the Parties shall remain liable and bound in all respects under this Agreement.

SCHEDULE G

PRICING SHEET

Template illustrating crude oil price working / build up

	<u>COMPUTATION OF PRICING:</u>
1	<p>Reserve Price = Benchmark Price +2.5% of Benchmark price</p> <p>Where Benchmark price is:</p> <p>For Marine Vessel supplies: in USD per barrel applicable for supplies under this Agreement shall be monthly average of the daily mean values of the high and low assessments of Dated Brent (PCAAS00) Crude Oil quotations (as published under the Spot Crude Assessment Heading in Platt's Crude Oil MARKETWIRE spot assessment) in US \$ per barrel s for the entire month in which Bill of Lading (B/L) Date falls, to be rounded off to THREE decimal places (B/L date is zero date)</p>
2	Quoted Price Bid , as mentioned in Notification of Award (s) (NOT to be rounded off) (Premium as applicable over Dated Brent quotes)
3	Less: Applicable BS&W discount, to be rounded-off to THREE decimal places.
4	Add/Less: Applicable API Adjustment factor based premium/Discount, to be rounded-off to THREE decimal places.
5	<u>Applicable price:</u>
(a)	<p>in USD/bbl ,to be rounded off to THREE decimal places:</p> <p>(Benchmark Price plus 2.5% of Benchmark price <i>plus</i> Premium <i>minus</i> BS&W discount <i>plus/minus</i> API Adjustment factor)</p>
(b)	Monthly Average Exchange Rate for the month of supply (RBI Reference rate as published by FBIL), to be rounded off to TWO decimal places
(c)	in Rs/bbl (in USD/bbl(5a) * FE rate(5b)), to be rounded off to THREE decimal places
6	Add: TC : Terminalling Charges @ Rs 213/MT for Ex – FPSO supplies , (Rate of TC will be converted from Rs/MT to Rs/bbl applying BMT factor derived on the basis of actual Tanker quantity supplied through the Tanker) (Not to be rounded off).
7	Add: 3% or 0% of [5(c)+6] as per Article 11 of COSA(Not to be rounded off)

8	Applicable Price including agreed VAT/CST : [5(c)+6+7](To be rounded off to three decimal places)
9	Applicable Prices excluding VAT/CST : [Price at SL No.8/(1+Actual applicable VAT/CST)]
Note: Actual applicable VAT/CST will be paid by buyer on the price at SI No:9.	

Adjustments for Basic Sediments & Water (BS&W) discount for BS&W content shall be as under:

BS&W level	Discount \$/bbl
0.200 < BS&W ≤ 0.500 vol%	0.10
0.500 < BS&W ≤ 1.000 vol%	0.15
Above 1.000 vol%	For every increase of 0.500 vol % or part thereof over 1.000 vol%, additional discount of \$0.05/bbl shall be applicable
1. Free water shall not be included in BS&W. 2. For supplies through marine vessel, BS&W applicable for the respective marine vessel shall be considered. 3. BS&W % vol. shall be rounded off to three decimal places	

TC: Terminalling Charges for sale of crude oil ex-FPSO

Terminalling charges shall be payable by Buyer for sale of crude oil ex-FPSO in KG-DWN 98/2 block. For each cargo Terminalling Charges payable shall be as under:

Crude	Terminalling Charges (Rs./MT) for sale of crude oil ex- FPSO/FSO
-------	------------------------------------------------------------------------

KG-DWN-98/2 Block	213
----------------------	-----

API variation Adjustment

API adjustment factor based Premium/discount of 0.01\$/bbl for each 0.1 deg. variation in API gravity (applicable for variation beyond +/- 0.5 deg. from base API mentioned in Schedule B above). For calculation purposes, API degree shall be rounded off to one decimal place.

API adjustment factor based premium/discount shall be calculated based on difference (D) between API gravity as mentioned in Schedule B and API gravity reported in certificate of quality being reported by independent inspector.

The API mentioned in schedule B is 34.5

If $D < -0.5$; Discount will be applicable and calculated for variation beyond 0.5-degree.

If $D > 0.5$; Premium will be applicable and calculated for variation beyond 0.5-degree.

Illustration of Premium Discount based on API variation Adjustment:

Scenario 1: When Premium is applicable

API gravity as mentioned in Schedule B: 34.5

API gravity reported in certificate of quality being reported by independent inspector: 36.54

$$D = 36.5 - 34.5 = 2.00$$

$$\text{Applicable Premium} = 0.01 * (2 - 0.5) / 0.1 = 0.15 \text{ \$/bbl}$$

Scenario 2: When Discount is applicable

API gravity as mentioned in Schedule B: 34.5

API gravity reported in certificate of quality being reported by independent inspector: 32.89

$$D = 32.9 - 34.5 = -1.6$$

$$\text{Applicable Discount} = 0.01 * (1.6 - 0.5) / 0.1 = 0.11 \text{ \$/bbl}$$

SCHEDULE H
LETTER OF UNDERTAKING

Undertaking for Payment Security (to be given on Stamp Paper of Rs 300/-)

[to be printed on the bottom of NJSP]

This Non Judicial Stamp Paper of Rs 300/- forms part and parcel of this undertaking submitted by _____ (Buyer) to Oil And Natural Gas Corporation Ltd. [Seller] and executed by Mr/Ms _____ on ____th Day of _____ 2024, for and on behalf of _____ (Buyer)

[to be printed on fresh page]

[Stamp Paper No..... dated]

UNDERTAKING

Whereas _____ (Buyer) (which expression shall unless it is repugnant to the context or meaning thereof be deemed to include their successors and assigns) is desirous to buy Crude Oil from ONGC for Refining operations.

And Whereas pursuant to e-tender process concluded on [] Day of 2024, ONGC and Buyer have entered into a Crude Oil Sales Agreement dated [] [hereinafter referred to as the 'Agreement'] for sale and purchase of crude oil as per the terms and conditions given therein.

And Whereas as per Article [] of the Agreement, the Buyer being a Public Sector Undertaking is required to give this Undertaking.

Now therefore, in consideration of the above the Buyer hereby undertakes and agrees that,

- (1) _____ (Buyer) shall comply with all the Terms and Conditions of the Agreement without any deviation.
- (2) _____ (Buyer) shall more specifically comply with the provisions of Article no ____ relating to Payment Terms.
- (3) _____ (Buyer) shall make payment (in full) due against sale of Crude oil to ONGC, on the Due Date as per the provision of Article ____ of the Agreement, without any deduction.

This undertaking is given at _____ (Place) on this ____ day of _____ 2024 to Oil And Natural Gas Corporation, New Delhi, hereinafter called ONGC (which expression shall unless it is repugnant to the context or meaning thereof be deemed to include their successors and assigns).

By:

(Name of Buyer)

Member/Authorised Signatory
(Signature/Stamp)

Notary
(Stamp & Seal)

Registered Office:
(Full Address of Buyer)

Schedule I

Standard Operating Procedure

This SOP records the intent and procedure to be followed by ONGC and <Buyer> for loading of crude oil ex-FPSO AS V in KG-DWN-98/2 Block, during adverse weather conditions, wherein because of weather conditions at Eastern offshore, transfer of personnel (which includes Mooring Master, Assistant Mooring Master, Bosum & Surveyor) becomes unsafe and time consuming for mooring operation at Off-shore, the Parties express their mutual interests within the framework of this SOP for laying out procedure for crude offtake from FPSOs during adverse weather conditions every year, and the understanding of both parties is set out as follows.

1. Article 1: Applicability of SOP

- a. This SOP shall be applicable for crude off-take from FPSO AS V in KG-DWN-98/2 Block, during adverse weather conditions, in each calendar year.

2. Article 2: General

- a) Single day Laycan for FPSO loading shall be firmed up based on cargo availability. For this Laycan buyer has to place a tanker. However just a day before FPSO loading date, the tanker will have to first berth at Kakinada Port to facilitate safe transfer of Mooring Team and Surveyor on board of Off-take Tanker. Then the same tanker will proceed to FPSO AS V with Mooring Team and Surveyor.
- b) Hence the Buyer is required to charter the off-take Tanker for voyage of Kakinda Port followed by FPSO AS V. ONGC shall arrange transfer of mooring team to tanker at Kakinada Port, with the help of FPSO team.
- c) Cost of berthing of off-take Tanker at Kakinada Port for safe transfer of Mooring Team and surveyor will be shared equally by Buyer and Seller.

3. Article 3: Laytime

- a. Laytime for the voyage to Kakinada Port will be on account of Buyer.