

CRUDE OFFTAKE
And
SALE
AGREEMENT

Table of Contents

ARTICLE 1 DEFINITIONS	5
ARTICLE 2 AGREEMENT AND SCHEDULES	8
ARTICLE 3 TERM OF AGREEMENT.....	8
ARTICLE 4 SALE AND PURCHASE OF CRUDE OIL.....	9
ARTICLE 5 DELIVERY AND DELIVERY POINT.....	9
ARTICLE 6 MONTHLY PLANNING, SCHEDULING, AND SHORTFALL QUANTITIES.....	11
ARTICLE 7 QUALITY.....	11
ARTICLE 8 MEASUREMENT AND TESTING.....	11
ARTICLE 9 SHIPPING AND LOADING.....	14
ARTICLE 10 PRICE.....	22
ARTICLE 11 TAXES AND DUTIES.....	22
ARTICLE 12 BILLING AND PAYMENT.....	22
ARTICLE 13 PAYMENT SECURITY.....	26
ARTICLE 14 SCHEDULED OUTAGES.....	27
ARTICLE 15 CHANGE IN LAWS, REGULATIONS, ORDERS, ETC.....	27
ARTICLE 16 FORCE MAJEURE.....	27
ARTICLE 17 TERMINATION.....	28
ARTICLE 18 DISPUTE RESOLUTION.....	31
ARTICLE 19 INSURANCE OF CRUDE OIL.....	31
ARTICLE 20 INDEMNITY.....	31
ARTICLE 21 ASSIGNMENT/SUB-CONTRACTING.....	32
ARTICLE 22 LAW AND JURISDICTION.....	32
ARTICLE 23 NOTICES.....	32
ARTICLE 24 CONFIDENTIALITY.....	33
ARTICLE 25 NO AGENCY.....	33
ARTICLE 26 ANNOUNCEMENTS.....	34
ARTICLE 27 EFFECT OF INVALIDITY, ILLEGALITY, UNENFORCEABILITY.....	34
ARTICLE 28 GOOD FAITH.....	34
ARTICLE 29 WAIVER.....	34
ARTICLE 30 CUMULATIVE REMEDIES.....	35
ARTICLE 31 ENTIRE AGREEMENT.....	35
ARTICLE 32 AMENDMENTS.....	35
ARTICLE 33 NO PARTNERSHIP.....	35
ARTICLE 34 PRIVACY.....	36
ARTICLE 35 COUNTERPARTS.....	36
ARTICLE 36 COMPLIANCE WITH LAWS.....	36
ARTICLE 37 APPROVALS.....	36
ARTICLE 38 CONSEQUENTIAL LOSS, LIMITATION OF LIABILITY.....	36
ARTICLE 39 REPRESENTATIONS.....	37
ARTICLE 40 NON-EXCLUSIVITY.....	37

SCHEDULE A.....	38
SCHEDULE B.....	40
SCHEDULE C.....	44
SCHEDULE D.....	45
SCHEDULE E.....	47
SCHEDULE F.....	49
SCHEDULE G.....	51
SCHEDULE H.....	53

CRUDE OFFTAKE AND SALE AGREEMENT

THIS AGREEMENT made on day of , 2022

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-auction 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 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 01/02/23 (also known as the Delivery Commencement Date) and shall continue in full force and effect for the Term of 01 year 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 year.

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 either via pipeline or via Marine Vessels as per Schedule A.

- 5.2 Crude Oil will be supplied through On-land & 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 via Marine Vessel mode, Buyer shall, at its own risk and cost, place suitable marine vessel at the Loading Terminal, unless stated otherwise.
- 5.5 For delivery from on land-terminal (JD/JNPA), Seller shall bear wharfage charges / wharfage compensation charges to such Marine Vessel at the rate applicable at JD/JNPA, and Buyer shall bear pilotage, berth hiring and all other applicable port charges at JD/JNPA whatever the case may be.
- 5.6 For delivery from Off-shore Terminal, Buyer shall at its own risk and cost place Marine Vessel at the Loading Terminal.

5.7 Delivery Point for deliveries via coastal mode

(a) Delivery from Onshore Terminal/FPSO/FSO

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) Direct delivery from SBM

- i. Where the crude oil is loaded from SBM directly into marine vessel chartered by Seller or Buyer, risk and title shall pass to the Buyer at the delivery point only after the completion of Marine Vessel Loading, and delivery point shall be the inlet flange of such marine vessel irrespective of the fact whether it is chartered by the Buyer or the Seller. In such a scenario, there will be a certain amount of free water, which will be drained after giving sufficient settling time at the refinery shore tank.
- ii. In case the Marine Vessel is chartered by the Seller, the Buyer shall reimburse the charter hire, port charges at discharge port, and fuel charges to the Seller which shall be claimed by the Seller as per actuals. For the purpose of computation of the reimbursable charge by the Buyer to the Seller for charter hire, port charges at discharge port, and fuel, the time period+ as detailed below shall be considered;
 - a. From the point in time when the marine vessel is de-moored from SBM to the point in time the marine vessel is released at the Discharge Port (Pilot Away Discharge Port) after discharge of the Crude Oil in to the Buyer's Facilities and eighteen (18) hours to account for the time period saved for loading of the Crude Oil.

- (c) 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.

- (d) Seller can change the loading point of any supply location, if deemed necessary from operational point of view.

5.8 Custody Transfer Point for deliveries via coastal mode

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

5.9 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/FSO 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/FSO 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.

5.10 Delivery Point for deliveries via Pipeline

- (a) Crude Oil can be delivered via pipeline from ONGC Uran plant to the pipeline connected refineries namely BPCL Mumbai Refinery & HPCL Mumbai Refinery.
- (b) Delivery Point herein shall be the outlet flange of custody transfer measurement device installed at the refinery premises.

5.11 Custody Transfer Point for deliveries via Pipeline

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

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 oftaken 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 oftaken by Buyer due to Force Majeure.
- 6.3 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 all supply locations 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:

(a) Delivery from Jawahar Deep / JNPA/FPSO

Wet Quantity of crude oil delivered shall be measured through the mass flow meters / ultrasonic meters installed by the Seller at these locations. 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. 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.

(b) Delivery from FSO

Wet quantity of crude oil delivered shall be measured by taking manual dip at the mother vessel before and after the loading operation. Dry crude oil will be calculated after deducting free water and BS&W.

(c) Direct loading from SBM

- (i). In case of marine vessel directly loaded from the SBM, the B/L quantity shall be based on the measurement taken by Master of the marine vessel. However, CTF quantity and BS&W shall be based on the receipts at the onshore tanks of the Buyer, assessed by Buyer / an independent third party surveyor/Seller's representative. Dry Quantity for billing purposes shall be derived as under:
- (ii). For refineries located in the Western Coast of India: Dry Quantity of crude oil shall be derived by dividing the Quantity received at the onshore tanks by a factor of 0.998 for adjustments on account of ocean loss.
- (iii). For refineries located in the Eastern Coast of India: Dry Quantity of crude oil shall be derived by dividing the Quantity received at the onshore tanks by a factor of 0.997 for adjustments on account of ocean loss.

(d) Delivery via Pipeline to BPCL/HPCL, Mumbai Refinery:

As per the signed MoU between ONGC and BPCL/HPCL on Custody Transfer Metering System.

Wet Quantity of crude oil delivered shall be measured through the mass flow meters / ultrasonic meters installed by the Seller at these locations. 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. For discount purpose, BS&W (excluding Free Water) shall be measured from Autosampler for each batch supplied. If Autosampler is not working, then the TMB samples collected at the Buyer's receipt tank after completion of batch supply. Monthly weighted average BS&W value for the contracted quantity supplied under this agreement shall be considered for the purpose of applicability of discount. Sample calculation is attached in Schedule D.

- 8.2 Both parties shall be present for all measurements and all ticketing of deliveries which shall be completed on a joint basis.
- 8.3 Seller and Buyer 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 The Parties agree to validation of the measurement devices at Delivery Point every 3 Years by an accredited inspector in accordance with normal practices. 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. In case of FPSO, 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. Marine Vessels which have already performed off-take operation ex-FPSO shall be preferred. List of such Marine Vessels is produced below:
 - A. Swarna Ganga
 - B. Swarna Krishna
 - C. Swarna Godavari
 - D. Swarna Sindhu
 - E. Swarna Brahmaputra
- (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) For On-land Loading Terminal: The Buyer shall nominate vessel after taking necessary acceptance from respective port(s); MbPA & JNPA.
- (c) 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) For on-land Loading Terminal: By no later than 2400 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

- (iv) 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 On-land Loading Terminal

- (i) The Seller shall indicate tentative port availability at the time of accepting the Vessel nomination. However, Berth will be provided as per the berth vacancy as indicated by port authorities on layday.
- (ii) Subject to compliance by the Buyer's nominated marine vessel with all the other requirements of the Loading Terminal at the time in question, and upon receiving valid NOR pursuant to 9.7.a the Seller shall provide or cause to provide to the Buyer a berth to be indicated by Seller that the vessel can safely reach and leave and where it can always lie and load always safely afloat.
- (iii) The Seller shall not be deemed to warrant the safety of any channel, fairway, or other waterways used in approaching or departing from the berth designated by the Seller. The Seller shall not be liable for any loss, damage, injury or delay to Buyer's marine vessel resulting from the use of such waterways.

(d) 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.

(e) 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.
- (ii) For on-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 35 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 and loading operation 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 35 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
2. If the vessel moves directly to the berth, when the vessel is made all fast at the berth,

Whichever is earlier.

- (ii) If valid NOR is given for the vessel before the firm layday, running hours shall commence at 0600 hrs. on the firm 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 loading 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 in respect of transfer of title and risk in the crude oil (including sales tax / VAT) shall be on Buyer's account. Further, Buyer agrees to pay the taxes and duties mentioned in Schedule G.
- 11.3 Currently, Crude Oil is out of purview of GST. Buyer agrees to pay full GST from the date Crude oil is brought under GST.

ARTICLE 12

BILLING AND PAYMENT

12.1 Billing Period:

(a) **For deliveries through Pipeline**

A period of consecutive days beginning at 0600 hrs. from the first day of the Billing Period and ending at 0600 hrs. on the first day of the immediately following Billing Period. However, in case of last day of delivery month billing period will expire at 2400 hrs. Week wise billing period is specified under:

- (i) "First Billing Period" shall be from 1st to 7th day of the Month
- (ii) "Second Billing Period" shall be from 8th to 15th day of the Month
- (iii) "Third Billing Period" shall be from 16th to 22nd Day of the Month

- (iv) "Fourth Billing Period" shall be from 23rd to 2400 hrs. of last day of the Month. However, in exceptional circumstances/high stock at Seller's end, the fourth billing period can be extended to 0600 hours of the first day of next month.

- (b) 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 Pipeline sales: As per Schedule G
- (b) 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 all deliveries by Pipeline:

Due Date for payment shall be as hereunder;

Billing Period	Due Date
First Billing Period	25th of the same Month
Second Billing Period	2nd of the immediately following Month
Third Billing Period	11th of the immediately following Month
Fourth Billing Period	18th of the immediately following Month

- (i) It is recognised that all the pricing inputs (as referred in Schedule G) applicable for the crude oil supplies, made during any particular Billing Period shall be available only after the end of the month. Hence, the invoicing and the payment methodology shall be as under:
- (ii) Provisional Invoices for the first three Billing Periods as per (a) above, shall be raised by the Seller considering the pricing inputs

applicable for the previous month. The invoice for fourth Billing Period shall be based on the actual inputs. The necessary adjustments for the three weeks, based on the actual inputs shall also be made along with the invoice for the fourth Billing Period.

- (iii) Buyer shall release the payments for the first two Billing Periods based on provisional invoices raised by the Seller on the respective due dates. The payment for the third billing period (along with the adjustment for the first two weeks) and fourth billing period shall be made based on the Price computed based on the actual inputs.

(b) 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.

(c) 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) and (b) 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.

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.
- 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.
- 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. 9 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 17.1, 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 17.1, 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 "**Indemnitee**") 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 Indemnitee shall promptly notify the Indemnitor and the Indemnitee 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 Indemnitee 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 Indemnitee to take any appropriate action as aforesaid, or shall fail to indemnify and secure the Indemnitee to its reasonable satisfaction within twenty-eight 28 days of the notice to the Indemnitor, the Indemnitee 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 Indemnitee'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):
- (i) For Seller: As set forth in Schedule B.C of this Agreement as Seller's address and Contact; and
 - (ii) 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
Oil and Natural Gas Corporation Limited

By:

In the presence of:

Signed on behalf of the
<Buyer>

By:

In the presence of:

SCHEDULE A

Loading Terminals			
Supply Location	Terminal Type	Loading Point	Delivery Mode
Uran	Onland port/Plant	Jawahar Deep/Mumbai Port Authority (MbPA)	Marine Vessel
		JNPA	Marine Vessel
		Trombay	Pipeline
Mumbai Offshore	Off-shore Terminal	C7-FPSO	Marine Vessel
		Panna FSO	Marine Vessel
		SBM	Marine Vessel
		NBP-FPSO	Marine Vessel

ADDITIONAL DETAILS:

Loading Points/	Delivery Point	Delivery Mode	Custody Transfer Measurement System	Frequency of Measurement	Frequency of Quality Testing	Sampling for BS&W
Jawahar Dweep (JD) / JNPA	As defined in Article 5	Marine	CTM	Batch wise	Batch wise	Auto sampler / TMB of Marine Vessel
SBM		Marine		Batch wise	Batch wise	
FPSO/FSO		Marine	CTM	Batch wise	Batch wise	Auto sampler/ TMB Marine Vessel
Trombay		Pipeline	CTM	Daily/Batch-wise	Daily/Batch-wise	Auto sampler / TMB of

						Buyer's receipt tank
	1. CTM is the abbreviation of Custody Transfer meter.					
	2. Sampling for BS&W shall be done after draining free water.					

SCCHEDULE B

A. Typical Crude Oil Characteristics

Characteristics	Unit	Uran (JD/JNPT/Trombay)	NBP (D1) FPSO	C7 FPSO	Panna FSO
Density	@ 15 deg C, g/cc	0.8250	0.8233	0.8458	0.8056
Specific Gravity	@ 60/60 deg F	0.8254	0.8235	0.8462	0.8060
Gravity	deg API at 60/60 deg F	39.93	40.32	35.72	44.06
Viscosity, Kinematic	cst, 40 deg C	3.05	3.10	5.37	2.11
Reid Vapor Pressure	Kg/cm ² , 38 deg C	0.44	0.3711	0.31	0.52
	kPa, 38 deg C	43.6	36.4	30.0	51.5
Pour Point	deg C	27	14	30-33	24
Salt Content	Lb/1000 bbl (PTB)	1.1	1.1	1.2	1.0
Sulfur	Total, % wt	0.12	0.17	0.16	0.061
Wax content	% wt	13.9	5.8	14.5	9.1
Carbon residue	% wt	1.02	1.18	1.67	0.52
Asphaltenes	% wt	0.36	0.23	0.79	0.09
BS&W	% vol	< 0.2	<0.2	<0.2	<0.2
Water content	% vol	<0.01	0.1	<0.05	Nil
Total acid value	mg KOH/g	0.03	0.29	0.397	0.45
Total Nitrogen	ppm	286	439	344	209.8
Trace Metals	ppm				
Iron		<1.0	<15	<1.50	<2.19
Nickel		<1.6	<3.0	<1.40	<1.00
Copper		<1.0	<1.0	<1.00	<1.00
Vanadium		<1.0	<1.0	<1.00	<1.00
Zinc		<1.0	<1.0	<1.00	<1.00
Light Hydrocarbon Analysis	%wt				
Methane		0.0	0.0	0.0	Trace
Ethane		0.02	0.05	0.0	0.02
Propane		0.42	0.15	0.1	0.31
butane		0.23	0.25	0.30	0.67
pentane		0.03	0.15	0.10	-
Total up to C5		0.70	0.6	0.5	-
LPG Potential (C ₃ +C ₄)		0.67	0.4	0.40	0.98
Barrel per Metric Ton (BMT)		7.643	7.654	7.45	7.87

TBP Distillation Data - Uran

Boiling Range, deg C	%wt	Cumulative %wt	% vol	Cumulative %vol	Density g/cc at 15 deg C	Specific Gravity	Deg API Gravity
Up to C ₅	0.7	0.7	1.0	1.0	-	-	-
C ₅ – 175	28.7	29.4	31.6	32.6	0.7478	0.7481	57.64
175 -350	34.4	63.8	33.9	66.5	0.8380	0.8384	37.27
350+	36.2	100	33.5	100	0.8894	0.8898	27.52
Density of crude oil at 15 deg C, kg/l	0.8250						

TBP Distillation Data – NBP FPSO

Boiling Range, deg C	%wt	Cumulative %wt	% vol	Cumulative %vol	Density g/cc at 15 deg C	Specific Gravity	Deg API Gravity
Up to C ₅	0.5	0.5	0.7	0.7	-	-	-
C ₅ – 175	25.2	25.7	28.5	29.2	0.7293	0.7295	62.5
175 -350	38.1	63.8	37.6	66.8	0.8355	0.8359	37.8
350+	36.2	1000	33.2	100	0.8983	0.8988	25.9
Density of crude oil at 15 deg C, kg/l	0.8233						

TBP Distillation Data – C7 FPSO

Boiling Range, deg C	%wt	Cumulative %wt	% vol	Cumulative %vol	Density g/cc at 15 deg C	Specific Gravity	Deg API Gravity
Up to C ₅	0.4	0.4	0.6	0.6	-		
C ₅ – 175	21.0	21.4	23.6	24.2	0.7495	0.7498	57.2
175 -350	32.6	54	32.4	56.6	0.8486	0.8490	35.2
350+	46	100	43.4	100	0.8957	0.8962	26.2
Density of crude oil at 15 deg C, kg/l	0.8458						

TBP Distillation Data – Panna FSO

Boiling Range, deg C	%wt	Cumulative %wt	% vol	Cumulative %vol	Density g/cc at 15 deg C	Specific Gravity	Deg API Gravity
Up to C ₅	1.0	1.0	1.3	1.3	-	-	-
C ₅ – 175	38.7	39.7	41.8	43.1	0.7475	0.7478	57.72
175 -350	30.2	69.9	29.2	72.3	0.8356	0.8360	37.76
350+	30.1	100	27.7	100	0.8780	0.8785	29.57
Density of crude oil at 15 deg C, kg/l	0.8056						

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 D 4928/ASTM D 4377
8	Sediments	ASTM D 4807 (Millipore Filtration Method)
9	Salinity of Crude Oil	IP – 77
10	Sulphur Content	XRF Method D 4294/98
11	Organic Chloride	ASTM 4929A

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:

Chief Marketing Services

Address:

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. Nomination

- a. For Coastal supply: By M -21 days, Seller shall indicate the Buyer wise lay can for each Supply Location to all Buyers for the month M.
- b. For Pipeline Supply: By M-21 days, Seller shall indicate the Buyer wise nominated quantity for each week of month M

2. Scheduling

- a. IWG meeting shall be held on or prior to M-15 days. During the IWG meeting, day-wise MR crude supply schedule will be prepared for pipeline connected refineries and marine vessel, from each supply location, based on the nominated quantities as above.
- 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.

3. 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.

4. Shortfall in quantity

- a. If in a particular month, Buyer is unable for any reason whatsoever, other than any Force Majeure event, 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, 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 JD/JNPT lab
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	
3	Water vol in m3 (2 X 1)	
4	Gross oil volume (1 - 3)	
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 LETTER OF CREDIT (L/C) TOWARDS SECURITY DEPOSIT(S)
UNCONDITIONAL IRREVOCABLE 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 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 of duly signed invoice/provisional invoices/ debit notes in duplicate by ONGC.
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

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.

(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>Benchmark Price = Reserve Price :</p> <p>For Pipeline 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 for the month of supply, to be rounded off to THREE decimal places</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)
3	Fixed Discount: A discount of 2.5% on (Reserve Price plus Quoted Price Bid (Positive/Negative) (P)) is applicable for refineries taking crude ex-Uran through pipeline. However, the discount offered will be limited to 06 Lots for the month of February 2023 (up to 03 Lots for each Pipeline connected refinery) and 08 Lots for the month of March 2023 (up to 04 Lots for each Pipeline connected refinery).
4	Applicable BS&W discount, to be rounded-off to THREE decimal places.
5	<u>Applicable price:</u>
(a)	in USD/bbl ,to be rounded off to THREE decimal places: (Benchmark Price <i>plus</i> Quoted Price Bid <i>Minus</i> Fixed Discount (Only for Pipeline Connected Refineries, as specified in RFP) <i>minus</i> BS&W discount)
(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	Basic Excise Duty & NCCD
7	Base for Sales Tax /CST/GST{(5(c) + 6 } to be rounded off to 3 decimal places

8	Applicable Taxes & Duties (VAT/ Sales Tax /CST /GST) on Sl.no. 7 above: NOT to be Rounded off.
9	Price(Inclusive of Taxes& levies) in Rs./bbl (7+8), rounded-off to THREE decimal places

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
<ol style="list-style-type: none"> 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. For Pipeline supplies, weighted average BS&W shall be worked out on monthly basis. 4. BS&W % vol. shall be rounded off to three decimal places 	

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 _____ 2022, 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-auction process concluded on [] Day of 2022, 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 _____ 2022 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)