

**[MODEL FUEL SUPPLY AGREEMENT – PARAGRAPH B(ii) OF  
THE SHAKTI POLICY – IPPs/ CPPs HAVING ALREADY  
CONCLUDED LONG TERM PPAs]**

**BETWEEN**

**[Name of the Subsidiary Company]**

**AND**

**[Name of the Selected Bidder]**

**[Date of Agreement]**

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## FUEL SUPPLY AGREEMENT

This Fuel Supply Agreement (“**Agreement**”) is made on this [•] day of [•], 202[•] (“**Execution Date**”) by and between:

[•] (*Name of the Coal Company*), a company registered under the Companies Act, 1956/2013 and having its registered office at [•] (*Address of the Coal Company*) hereinafter called the “**Seller**” (which expression shall unless excluded by or repugnant to the subject or context, include its legal representatives, successors and permitted assigns) of the FIRST PART,

**AND**

[M/s. [•], a company registered under the Companies Act, 1956/2013 having its registered office at [•]] hereinafter called the “**Purchaser**” (which expression shall unless excluded by or repugnant to the subject or context, include its legal representatives, successors and permitted assigns) of the SECOND PART.

Each of the Seller and the Purchaser are individually referred to as a “**Party**” and collectively referred to as the “**Parties**”.

**WHEREAS:**

- A. The MOC (as defined hereinafter) has *vide* its letter dated May 22, 2017 dealt with matters concerning “*Signing of Fuel Supply Agreement (FSA) with Letter of Assurance (LoA) holders of Thermal Power Plants - Fading Away of the existing LoA-FSA Regime and Introduction of a New More Transparent Coal Allocation Policy for Power Sector, 2017 SHAKTI (Scheme for Harnessing and Allocating Koyala (Coal) Transparently in India)*” (“**Policy**”) and issued the amendment dated March 25, 2019 to the Policy (“**Amendment**”). The relevant provisions of the Policy and the Amendment shall be applicable to this Agreement.
- B. PFCCCL (as defined hereinafter) conducted the Auction (as defined hereinafter) under the aegis of the Scheme Document dated October 18, 2022 (“**Scheme Document**”).
- C. Pursuant to the Auction, [CIL/the Seller] has issued a letter of intent dated [insert] (“**LOI**”) to the Purchaser in its capacity as the Provisional Successful Bidder (as defined hereinafter) in respect of *inter alia* the Provisional Allocated Quantity (as defined hereinafter).
- D. The Purchaser has represented and confirmed that it has fulfilled and is in compliance with the conditions set out in the Scheme Document, the LOI and this Agreement, as the case may be, as a result of which, the Seller has agreed to supply Coal (as defined hereinafter) under this Agreement.

NOW THEREFORE, relying on the representations and confirmations provided by the Purchaser and in consideration of the mutual covenants, terms and conditions and understandings set forth in this Agreement and other good and valuable consideration (the receipt and adequacy of which are hereby mutually acknowledged), the Parties with the intent to be legally bound, hereby agree as follows:

## 1. DEFINITIONS AND RULES OF INTERPRETATION

### 1.1 Definitions

- 1.1.1 “**Affected Party**” shall have the meaning ascribed to it in Clause 19.1.
- 1.1.2 “**Agreement**” shall mean this Fuel Supply Agreement including all its schedules, annexures and attachments and subsequent amendments as may be issued in accordance with the terms and conditions hereof.
- 1.1.3 “**Amended PPA(s)**” shall mean the Concluded PPA(s), as amended or supplemented, mutually between the Purchaser and the relevant procurer to pass on the discount to the latter, and as approved by the appropriate regulatory commission as per the provisions of the Concluded PPA(s) or Applicable Law, pursuant to and in accordance with the Scheme Document and the Policy.
- 1.1.4 “**Amendment**” shall have the meaning ascribed to it in the Recital A.
- 1.1.5 “**Annual Contracted Quantity**” or “**ACQ**” shall have the meaning as ascribed to it in Clause 4.1.
- 1.1.6 “**Applicable Law(s)**” shall mean all applicable statutes, laws, by-laws, rules, regulations, orders, ordinances, protocols, codes, guidelines, policies, notices, directions, judgments, decrees or other requirements or official directives of any governmental authority or court or other rules or regulations, approvals from the relevant governmental authority, government resolution, directive, or other government restriction or any similar form of decision, or determination, or any interpretation or adjudication having the force of law in India.
- 1.1.7 “**As Delivered Price of Coal**” shall have the meaning ascribed to it in Clause 9.
- 1.1.8 “**Auction**” shall mean the auction for allocation of Coal linkages to IPPs/ CPPs, each having valid already Concluded PPA(s), conducted in accordance with the Scheme Document.
- 1.1.9 “**Bid Security**” shall mean the bid security in the form of an earnest money deposit, at the rate of Rs. 100 (Indian Rupees One Hundred only) per tonne furnished by the Purchaser as per Clause 5.2 of the Scheme Document.
- 1.1.10 “**Build-Up Period**” shall have the meaning ascribed to it in Clause 2.6.
- 1.1.11 “**Business Day**” shall mean each Monday, Tuesday, Wednesday, Thursday, Friday and Saturday that is not declared a holiday in the State of *[•]* to be stated by the Seller).
- 1.1.12 “**CEA**” shall mean the Central Electricity Authority.
- 1.1.13 “**CIL**” shall mean Coal India Limited, the holding company of the Seller, having its registered office at Coal Bhawan, Premise No - 04 MAR, Plot-no-AF-III, Action Area-1A, Newtown, Rajarhat, Kolkata - 700156, and having authority to enter into any agreement/side agreements, supplementary to this Agreement.
- 1.1.14 “**Coal**” shall mean non-coking as well as coking coal, produced by the Seller and categorized into different classes, GCV bands, Grade(s) and sizes, as per the notification/order issued for

such purpose by Government of India/CIL/Seller and it is clarified that Coal shall also include the middlings arising out of washing of coking coal and non-coking coal, as the case may be.

- 1.1.15 “**Coal Distribution System**” shall mean the coal distribution system of the Seller including any distribution system in force and shall include directions issued thereon by the Government from time to time.
- 1.1.16 “**Colliery Loading Point**” shall mean:
- (i) Silo, or
  - (ii) Mid-point for wharf wall loading at the colliery, or
  - (iii) Truck loading point, or
  - (iv) Ropeways loading point, or
  - (v) Transfer point to the customer’s belt conveyor etc., as the case may be, or
  - (vi) Any other point at which the Coal is transferred to the Purchaser’s Container.
- 1.1.17 “**Concluded PPA(s)**” shall mean long term PPA(s) (both under section 62 and section 63 of the Electricity Act, 2003), based on domestic coal, executed on or before May 17, 2017.
- 1.1.18 “**CPP**” shall have the meaning ascribed to such term in the Scheme Document.
- 1.1.19 “**CPP SOP**” shall have the meaning ascribed to such term in the Scheme Document.
- 1.1.20 “**Declared Grade**” shall mean the particular Grade(s) under different categories of Coal mined from any seam or section of a seam in the Seller’s collieries from which Coal is produced and supplied under this Agreement, as declared by CIL or the Seller.
- 1.1.21 “**Deemed Delivered Quantity**” or “**DDQ**” shall have the meaning ascribed to it in Clause 4.11.
- 1.1.22 “**Defaulting Party**” shall have the meaning ascribed to it in Clause 18.2.5.
- 1.1.23 “**Delivery Point**” shall mean any of the colliery sidings or Colliery Loading Points, as the case may be, of the Seller, and/or the location(s) identified by the Seller.
- 1.1.24 “**DISCOM**” shall mean the distribution licensee authorised to operate and maintain a distribution system for supplying electricity to the consumers in its area of supply in accordance with the Electricity Act, 2003, as amended from time to time.
- 1.1.25 “**Dispute**” shall have the meaning ascribed to it in Clause 16.1.
- 1.1.26 “**Dispute Notice**” shall have the meaning ascribed to it in Clause 16.3.
- 1.1.27 “**Eligibility Criteria**” shall have the meaning ascribed to it in the Scheme Document.

- 1.1.28 “**Equilibrated Basis**” shall mean determination/computation of various quality parameters such as but not limited to ash, volatile matter, fixed carbon, Gross Calorific Value etc. determined at equilibrated level i.e. 60% relative humidity (RH) and 40 degree Celsius (°C).
- 1.1.29 “**Equilibrated Moisture**” shall mean moisture content, as determined at equilibrating level i.e. sixty percent (60%) relative humidity (RH) and 40 degree Celsius (°C) as per the relevant provisions of BIS 1350 of 1959 or amendment thereof.
- 1.1.30 “**Failed Quantity**” shall have the meaning ascribed to it in Clause 4.7.1.
- 1.1.31 “**First Delivery Date**” shall mean the first day of the Month commencing immediately after completion of forty five (45) days from the Execution Date.
- 1.1.32 “**Force Majeure Act**” shall have the meaning ascribed to it in Clause 19.1.
- 1.1.33 “**Grade**” shall mean the grade/class in which the coking coal and non-coking coal is categorised and/or to be categorised in terms of and in accordance with the relevant notification issued by the Seller and/or by the Government of India and published in the public domain and/or the Gazette of India, as applicable. The basis of grading for different categories of Coal are as under:
- (i) Non-coking coal : based on GCV bands
  - (ii) Coking coal : based on ash percentage
  - (iii) Semi-coking coal : based on (ash + moisture) percentage
- 1.1.34 “**Gross Calorific Value**” or “**GCV**” shall mean the heat value determined in any calibrated combustion Bomb Calorimeter, in accordance with the procedure laid down in IS: 1350 (Part-II) 1970 dated April 1971 or any subsequent revision thereof, and such results shall be reported on Equilibrated Basis (sample equilibrated at 40 degree Celsius and sixty percent (60%) relative humidity (RH)).
- 1.1.35 “**Indemnified Party**” shall have the meaning ascribed to it in Clause 17.1.
- 1.1.36 “**Interest Rate**” shall mean the repo rate of the Reserve Bank of India as applicable on the due date of payment/adjustment plus three percent (3%).
- 1.1.37 “**IPP**” shall mean an independent power producer, which is a generating company not owned/controlled by the Central/State Government.
- 1.1.38 “**IRLC**” shall have the meaning ascribed to it in Clause 12.1.2(ii).
- 1.1.39 “**IS**” shall mean the standard specifications issued by the Bureau of Indian Standards.
- 1.1.40 “**Kilo Calorie**” or “**Kcal**” shall mean the amount of heat required to raise the temperature of one kilogram (1 Kg.) of pure water at fifteen degrees Celsius (15°C), by one degree Celsius (1°C).
- 1.1.41 “**Level of Delivery**” shall have the meaning ascribed to it in Clause 4.8.

- 1.1.42 “**Level of Lifting**” shall have the meaning ascribed to it in Clause 4.9.
- 1.1.43 “**LOI**” shall have the meaning ascribed to it in the Recital C.
- 1.1.44 “**Losses**” shall have the meaning ascribed to it in Clause 17.2.
- 1.1.45 “**Merry Go Round**” or “**MGR**” shall mean the Purchaser’s captive rail transportation system for transportation of Coal.
- 1.1.46 “**MOC**” shall mean the Ministry of Coal, Government of India.
- 1.1.47 “**Month**” shall mean a calendar month and “**Monthly**” shall mean accordingly.
- 1.1.48 “**Monthly Scheduled Quantity**” or “**SQ**” shall have the meaning ascribed to it in Clause 4.5.1.
- 1.1.49 “**Non-Affected Party**” shall have the meaning ascribed to it in Clause 18.1.1.
- 1.1.50 “**Non-Defaulting Party**” shall have the meaning ascribed to it in Clause 18.2.5.
- 1.1.51 “**Notified Price**” shall mean the price of the relevant grade(s) of Coal notified by CIL and/or its Subsidiaries, as the case may be, from time to time.
- 1.1.52 “**Other Charges**” shall have the meaning ascribed to it in Clause 9.2.
- 1.1.53 “**Parties**” shall mean the Seller and the Purchaser referred to collectively and “**Party**” shall mean either the Seller or the Purchaser.
- 1.1.54 “**Performance Incentive**” shall have the meaning ascribed to it in Clause 4.12.
- 1.1.55 “**PFCCL**” shall mean PFC Consulting Limited (a wholly owned subsidiary of Power Finance Corporation Limited – a Government of India Undertaking).
- 1.1.56 “**Pithead**” shall mean any of the following as the context may admit:
- In case of an underground coal mine, Pithead shall mean the point of entry into the mine on the surface of coal mine at the ground level and would be a place or point distinct from Delivery Point.
- In case of an open-cast coal mine, Pithead shall mean the exit point of Coal on surface (mouth/entry of the main access trench or an auxiliary access trench). In case of open-cast mines with more than one exit points of Coal, there will be as many ‘Pitheads’ and will apply respectively to the amount of Coal egressing from a particular exit point.
- 1.1.57 “**Policy**” shall have the meaning ascribed to it in the Recital A.
- 1.1.58 “**PPA(s)**” shall mean the long term power purchase agreement(s) between the power generating source(s) and the power procurer(s), i.e. DISCOM(s) either directly or through PTC(s) who has/have signed back to back PPA(s) with DISCOMs for a period of seven (7) years and above. However, the same shall not be applicable for the portion which is sold under market driven price.

- 1.1.59 “**PTC(s)**” shall mean a power trading company, which is an electricity trader who has been granted a license to undertake trading in electricity under Section 12 of the Electricity Act, 2003.
- 1.1.60 “**Provisional Allocated Quantity**” shall mean the quantity of Coal provisionally allocated under the Auction and in accordance with the Scheme Document.
- 1.1.61 “**Provisional Successful Bidder**” shall mean a bidder that has participated in the Auction and has been allocated any Provisional Allocated Quantity in accordance with the Scheme Document.
- 1.1.62 “**Purchaser**” shall mean [*insert name*].
- 1.1.63 “**Purchaser’s Container**” shall mean the railway wagon, truck, receiving hopper, belt conveyor, bunker etc. owned by and/or placed on behalf of the Purchaser for movement of Coal by the Purchaser to its Specified End Use Plant.
- 1.1.64 “**Quarter**” shall mean the respective three-Monthly periods in a Year, namely April to June, July to September, and so on.
- 1.1.65 “**Quarterly Quantity**” or “**QQ**” shall have the meaning ascribed to it in Clause 4.4.
- 1.1.66 “**Representative**” shall have the meaning ascribed to it in Clause 16.2.
- 1.1.67 “**Scheme Document**” shall mean the Scheme Document dated October 18, 2022 issued by PFCCCL, including its annexures, appendices, schedules, amendment(s), addenda or corrigendum to the Scheme Document and/or any other document issued pursuant thereto.
- 1.1.68 “**Seller**” shall mean [*insert name*].
- 1.1.69 “**Source**” shall mean the source of supply of Coal specified in Schedule I.
- 1.1.70 “**Specified End Use Plant**” shall have the meaning ascribed to it in the Scheme Document, in respect of which the Purchaser has been issued the LOI.
- 1.1.71 “**Statutory Charges**” shall mean and include royalties, cesses, duties, taxes, levies etc., if any, payable as per and in accordance with Applicable Laws.
- 1.1.72 “**Subsidiary**” shall mean a subsidiary of CIL as also set out in Annexure VII of the Scheme Document.
- 1.1.73 “**Successful Bidder**” shall have the meaning ascribed to it in the Scheme Document.
- 1.1.74 “**Surface Moisture**” shall mean the moisture content present in Coal that is derived as the difference between Total Moisture and Equilibrated Moisture, and expressed in percentage terms.
- 1.1.75 “**Term**” shall have the meaning ascribed to it in Clause 2.2.
- 1.1.76 “**Third Party**” shall mean an agency selected by the Purchaser in accordance with this Agreement, from the agencies empaneled by the Seller from time to time, for collection,



preparation of Coal samples at loading points, analysis and relevant documentation and with whom relevant agreement(s) are executed in this regard.

- 1.1.77 “**Total Moisture**” shall mean the total moisture content (including Surface Moisture) expressed as percentage present in Coal and determined on “as delivered basis” in pursuance to IS: 1350 (Part – I) - 1984.
- 1.1.78 “**Unloading Point**” shall mean the place/point at the Purchaser’s Specified End Use Plant end at which the Coal is received/unloaded.
- 1.1.79 “**Weights and Measures Standards**” shall mean the standards, as prescribed under Applicable Laws.
- 1.1.80 “**Year**” shall mean the financial year of the Seller, commencing on April 1<sup>st</sup> and ending on the following March 31<sup>st</sup>.

## 1.2 **Rules of Interpretation**

- (a) A reference to this Agreement includes all recitals and the Schedules to this Agreement. The recitals and the Schedules to this Agreement shall form an integral part of this Agreement and shall be read along with this Agreement;
- (b) A reference to any legislation or legislative provision includes any statutory modification or re-enactment of, or legislative provision substituted for, and any subordinated legislation issued under, that legislation or legislative provision;
- (c) Headings do not affect the interpretation of this Agreement;
- (d) A reference to Rs., INR or Rupees is to the lawful currency of the Republic of India unless specified otherwise;
- (e) A reference to an agreement, deed, instrument or other document include the same as amended, novated, supplemented, varied or replaced from time to time;
- (f) The expressions “including”, “includes” and “include” have the meaning as if followed by “without limitation”;
- (g) Words imparting the singular only also include plural and vice-versa where the context so requires;
- (h) The expression “writing” or “written” shall include communications by facsimile and letter;
- (i) If any definition in Clause 1.1 is a substantive provision conferring a right or imposing an obligation on any Party, effect shall be given to it as if it were a substantive provision in the body of this Agreement; and
- (j) The words and expressions beginning with or in capital letters used in this Agreement and not defined herein, but defined in the Scheme Document shall, unless repugnant to the context, have the meaning respectively assigned to them in the Scheme Document. However, in case of any conflict between the terms of this Agreement and the Scheme Document, this Agreement shall prevail.

## 2. TERM OF THIS AGREEMENT

2.1 This Agreement shall become effective on the Execution Date.

2.2 This Agreement shall, unless terminated in accordance with the terms hereof, remain in force until the earlier of the following (“**Term**”):

- (a) the balance maximum life of the Specified End Use Plant; or
- (b) the date of expiry (as per the original term) or the date of termination of the Amended PPA, as the case may be.

Provided that, for the purposes of sub-clause (a) above, in case of more than one (1) unit of the Specified End Use Plant, the unit of the Specified End Use Plant having the maximum balance life as on the Execution Date shall be considered. For the purposes of sub-clause (b) above, in case of more than one (1) Amended PPA, the date of expiry or the date of termination of the Amended PPA(s), as the case may be, that occurs last, shall be considered. In each of these cases, the Annual Contracted Quantity shall be proportionately adjusted corresponding to each expired unit of the Specified End Use Plant and each expired/terminated Amended PPA in accordance with Clause 4.1.2.

Provided further that, for the purposes of determination of the Term of this Agreement, any renewal or extension of any Amended PPA beyond its original term, shall not be considered.

2.3 Notwithstanding the provisions of Clause 2.2, in the event of any change in the Grade categorisation of Coal, such change in Grade categorisation shall be binding and complied with by both the Parties and this Agreement shall stand amended to that effect.

2.4 In the event of any material change in the Coal Distribution System due to a government directive/notification, at any time after the Execution Date, the Seller shall within fifteen (15) days of introduction of such change provide a written notice to the Purchaser. If the Parties are unable to arrive at a mutually agreed position in this regard within a period of thirty (30) days from the date of notice, the Parties shall refer the matter to the Government of India for a decision.

## 2.5 Build-Up Period

2.5.1 Build-Up Period shall be the period of six (6) Months commencing on the First Delivery Date (“**Build-Up Period**”). During the Build-Up Period, any compensation arising on account of short supply or short lifting, as per Clause 4.7 of this Agreement, shall not be payable by either Party.

## 3. BID SECURITY

3.1 The Parties acknowledge and agree that the Purchaser has submitted the Bid Security to the Seller in accordance with the provisions of the Scheme Document.

3.2 The Bid Security shall be refunded to the Purchaser at the end of thirty (30) days from the First Delivery Date.

3.3 The Bid Security shall be liable to be forfeited and appropriated *inter alia* in any of the events

specified in the Scheme Document.

#### **4. QUANTITY**

##### **4.1 Annual Contracted Quantity**

4.1.1 The Annual Contracted Quantity of Coal agreed to be supplied by the Seller and undertaken to be purchased by the Purchaser shall be *[insert number]* tonnes per Year as set out in Schedule I, subject to Clause 4.1.2 (“ACQ”). For part of Year, the ACQ shall be pro-rated accordingly.

4.1.2 The ACQ shall be proportionately adjusted upon the occurrence of any scenario set out in the first proviso to Clause 2.2.

##### **4.2 End-use of Coal**

4.2.1 The total quantity of Coal supplied pursuant to this Agreement is strictly meant for use and consumption by the *[[•] name and location of the Specified End Use Plant(s)]* as listed in Schedule I, for the purpose of generation of power in furtherance to and in accordance with the Amended PPA(s) and no transfer, swapping and/or other form of rationalisation in any manner whatsoever of any quantity of the Coal supplied pursuant to this Agreement shall be permitted other than as specifically permitted under the Scheme Document and this Clause 4.2.

4.2.2 The Purchaser shall not swap, rationalize, sell, divert and/or transfer the Coal for any purpose whatsoever and the same shall be treated as a material breach of this Agreement, for which the Purchaser shall be fully responsible and such act shall warrant suspension of Coal supplies by the Seller in terms of Clause 15.1.2.

Rationalization of the Coal Linkage awarded to the Purchaser shall be allowed subject to and in accordance with the linkage rationalization policy and Policy. For the purpose of such linkage rationalization, higher of the discounts offered by the parties (i.e. higher of the two, discount offered on the existing source by the Purchaser and the highest discount on the source where the linkage holder wants to transfer the linkage) who intend to enter into linkage rationalization arrangement, shall be considered. Any savings accruing on account of linkage rationalization including saving accruing on account of change of discount should be passed on to the end consumers as per the provisions of linkage rationalization policy and Policy and the Amendment thereto.

4.2.3 The Annual Contracted Quantity to a CPP shall be used only in the Specified End Use Plant for the capacity committed under the Concluded PPA for which the CPP has been allowed Coal Linkage. If the Purchaser is a CPP, it shall use the Coal supplied pursuant to this Agreement in the Specified End Use Plant only for the capacity committed under the Concluded PPA/Amended PPA for which the CPP has been allowed Coal Linkage and shall comply with the CPP SOP.

##### **4.3 Source of Supply**

Coal shall be supplied from the Source mentioned in Schedule I. Supply of Coal may vary between/beyond the range of Grades mentioned in Schedule II.

##### **4.4 Quarterly Quantity (QQ)**

4.4.1 The Annual Contracted Quantity for the Year, as per Clause 4.1 shall be divided into Quarterly Quantities (“QQ”), expressed in tonnes, as follows:

I <sup>st</sup> Quarter (April – June)	25% of ACQ
II <sup>nd</sup> Quarter (July – September)	22% of ACQ
III <sup>rd</sup> Quarter (October – December)	25% of ACQ
IV <sup>th</sup> Quarter (January – March)	28% of ACQ

#### 4.5 Monthly Scheduled Quantity (SQ)

4.5.1 The Monthly Scheduled Quantity (“SQ”) shall be one third (1/3<sup>rd</sup>) of the QQ.

4.5.2 In the event the SQ is not sufficient for formation of a rake in a Year, such SQ shall be permitted to be carried forward towards formation of a rake in that Year, or in subsequent Year(s), if required, until such cumulative SQ is sufficient to form a rake of Coal. In such a case, the penalty specified under Clause 4.7 shall be applicable after the aforesaid Year in which the rake of Coal is formed.

#### 4.6 Variation in QQ and SQ

4.6.1 Variation in QQ of a Quarter, not exceeding 5% (five percent), may be made with the written mutual consent of the Purchaser and the Seller, expressed prior to commencement of that Quarter.

4.6.2 Subject to the provisions of Clause 4.6.1, variation in SQ for a Month, not exceeding 10% (ten percent), may be made with the written mutual consent of the Purchaser and the Seller, expressed prior to commencement of that Month.

4.6.3 Notwithstanding the provisions of Clause 4.6.1 and Clause 4.6.2, the total Coal supply, in a Year, shall not exceed the ACQ or the pro-rated ACQ for that Year, as the case may be.

#### 4.7 Compensation for short delivery/lifting

4.7.1 If for a Year, the Level of Delivery by the Seller, or the Level of Lifting by the Purchaser falls below the ACQ with respect to that Year, the defaulting Party shall be liable to pay compensation to the other Party for such shortfall in Level of Delivery or Level of Lifting, as the case may be (“Failed Quantity”) in terms of the following:

Level of Delivery / Lifting of Coal in a Year	Percentage of Penalty for the failed quantity (at the rate of weighted average of Notified Prices of Grades of Coal supplied)
Below 75% but up to 65% of ACQ	0 - 10
Below 65% but up to 50% of ACQ	10 - 40
Below 50% of ACQ	40

4.7.2 The penalty payable shall be computed in the same manner as done slab-wise for computation of income-tax. However, unlike income tax, the percentage of compensation shall grow on linear basis within each slab.

4.7.3 The Seller shall be entitled to modify/amend the penalty levels as specified at Clause 4.7.1 pursuant to review undertaken by the MOC.

#### 4.8 Level of Delivery

Level of Delivery with respect to a Year shall be calculated in the form of percentage as per the following formula:

$$\text{Level of Delivery (LD)} = \frac{(\text{DQ} + \text{DDQ} + \text{FM} + \text{RF}) \times 100}{\text{ACQ}}$$

Where:

LD = Level of Delivery of Coal by the Seller for the Year.

DQ = Delivered Quantity, namely, aggregate actual quantities of Coal delivered by the Seller for the Year.

DDQ = Deemed Delivered Quantity, reckoned in the manner stated in Clause 4.11.

FM = Proportionate quantity of Coal which could not be delivered by the Seller in a Year due to occurrence of a Force Majeure Act(s) affecting the Seller and/or the Purchaser, calculated as under:

$$\text{FM} = \frac{\text{ACQ} \times \text{Number of days lost under applicable Force Majeure Act(s)}}{365}$$

Note: For the purpose of calculation of 'Number of days lost under applicable Force Majeure Act(s)', affecting both the Parties shall be counted only once.

RF = Quantity of Coal that could not be supplied by the Seller for the Year owing to the railways not allotting wagons or not placing wagons for loading, in spite of valid indent/offer submitted by the Seller to the railways against valid program(s) submitted by the Purchaser for the purpose.

#### 4.9 **Level of Lifting**

Level of Lifting with respect to a Year shall be calculated in the form of percentage as per the following formula:

$$\text{Level of Lifting (LL)} = \frac{(\text{ACQ} - \text{DDQ}) \times 100}{\text{ACQ}}$$

Where:

LL = Level of Lifting of Coal by the Purchaser during the Year.

DDQ shall have the same meaning as given in Clause 4.11.

- 4.10 For the purpose of computing DDQ and RF, the weight per rake will be *[•]* to be specified by the Seller, which shall be used for calculation of compensation from either the Purchaser or the Seller.

#### 4.11 **Deemed Delivered Quantity**

- 4.11.1 For the purpose of this Agreement, the aggregate of the following items provided under Clause 4.11.2 and Clause 4.11.3 shall constitute the Deemed Delivered Quantity with respect to a Year.

##### 4.11.2 **For supply of Coal by rail**

- (a) The quantity of Coal not supplied by the Seller owing to omission or failure on the part of Purchaser to submit the requisite rail programme(s) as per extant procedure with respect to the Scheduled Quantity.
- (b) The quantity of Coal not supplied by the Seller owing to cancellation, withdrawal or modification of the rail programme(s) by the Purchaser after its submission whether before or after allotment of wagon(s) by railways.
- (c) The quantity of Coal not supplied by the Seller owing to Purchaser's failure to pay and/or submit/maintain IRLC, as applicable, in accordance with Clause 12.1.2(ii).
- (d) The quantity of Coal not supplied by the Seller owing to Seller exercising the right of suspension of supplies in terms of Clause 15.
- (e) The quantity of Coal offered by Seller in terms of Clause 4.3 not accepted by the Purchaser.

**4.11.3 For Supply of Coal by road/ ropeways/MGR/belt conveyor**

- (a) The quantity of Coal not supplied by the Seller owing to the Purchaser's failure to pay and/or submit IRLC, as applicable, in accordance with Clause 12.1.2(ii).
- (b) The quantity of Coal not supplied by the Seller owing to the Seller exercising the right of suspension of supplies in terms of Clause 15.
- (c) The quantity of Coal not supplied by the Seller owing to the Purchaser's failure to place the requisite number/type of transport at the Delivery Point for delivery of Coal within the validity period of the sale order/delivery order.
- (d) The quantity of Coal offered by Seller in terms of Clause 4.3 not accepted by the Purchaser.

**4.12 Performance Incentive**

4.12.1 If the Seller delivers Coal to the Purchaser in excess of ninety (90%) of the ACQ for a Year, the Purchaser shall pay the Seller an incentive ("**Performance Incentive**") for the excess Coal supplied:

Percentage of actual deliveries	Percentage of Incentive at the rate of weighted average Notified Price of Grades of Coal supplied
Above 90% but up to 95% of ACQ	0 - 10
Above 95% but up to 100% of ACQ	10 - 20

Actual Deliveries = Actual Quantity [in tonnes] of Coal delivered by the Seller for the relevant Year.

4.12.2 The incentive payable shall be calculated in the same manner as done slab-wise for computation of income-tax. However, unlike income tax, the percentage of incentive shall grow on linear basis within each slab.

4.12.3 With respect to part of Year in which Term of this Agreement begins or ends, the relevant quantities in Clause 4.12.1, shall apply pro-rata.

## **5. QUALITY**

5.1 The quality of Coal delivered/to be delivered shall be as per the specifications given in Schedule II.

5.2 The Seller shall make adequate arrangements to assess the quality and monitor the same. In this regard, kindly refer to notifications issued by CIL from time to time. Statutory Charges shall, however, be paid as per the Declared Grade. In this regard, any credit in respect of the Statutory Charges, if and when received by the Seller, shall be adjusted through issuance of credit note(s). Railway freight shall be borne by the Purchaser.

5.3 The Seller shall endeavour to deliver Coal with size conforming to specifications set out in Schedule II and shall make reasonable efforts to remove stones/extraneous material from the Coal.

### **5.4 Re-declaration of Grade by the Seller**

If the Grade analysed pursuant to Clause 5.6 shows variation from the Declared Grade, consistently over a period of three (3) Months, the Purchaser shall request the Seller for re-declaration of Grade, which shall be duly considered by the Seller.

### **5.5 Oversized Coal/stones**

In the unlikely event of supply of any oversized Coal/stones beyond the specifications set out in Schedule II, the Purchaser shall inform the Seller of such incident(s) in any specific consignment(s), immediately on its detection at the Delivery Point and/or Unloading Point and the Seller shall take all reasonable steps to prevent such ingress at its end. If, in the Purchaser's reasonable assessment, the incidents of oversized Coal and/or stones are causing operating or maintenance problems at the Specified End Use Plant, then, upon the request of the Purchaser, the Purchaser and the Seller shall meet and prepare a mutually acceptable plan for effectiveness of the Seller's endeavours to avoid such instances.

### **5.6 Assessment of Quality of Coal at the loading end**

#### **5.6.1 Sample collection**

(a) Samples of Coal shall be collected by the Third Party either manually or through any suitable mechanical sampling arrangement, including Augur Sampling method, if physically operable at each of the Delivery Points for determining the quality of Coal in the presence of representatives of the Seller and the Purchaser.

(b) For the purpose of sampling, each rake of Coal supplied from one Delivery Point shall be considered as a lot. However, if a rake comprises Coal from more than one (1) coal mine and/or Grade, then the number of lots for sampling will be coal mine/Grade wise, as the case may be.



- (c) Each day's supply to the Purchaser from a Delivery Point shall be considered as one lot for the purpose of sampling in case of Coal supplies by road, ropeways, belt and MGR system etc. However, if such Coal supplies comprise Coal from more than one (1) coal mine and/or Grade, then the number of lots for sampling will be coal mine/Grade wise, as the case may be.
- 5.6.2 Detailed modalities for collection, handling, storage, preparation and analysis of samples by Third Party shall be as per Schedule IV.
- 5.6.3 Each sample shall be assigned with a code number and will be identified by such code only and no other particulars will be indicated or written on the tag attached with the relevant bag containing the sample. Detailed modalities of coding/de-coding for the purpose of sampling and analysis may be worked out separately by the Parties to facilitate confidentiality and reliability of the process.
- 5.6.4 (i) In the event, for any reason whatsoever, Third Party sampling and analysis could not be conducted, joint sampling and analysis shall be carried out by the Seller in presence of the Purchaser at the loading end; and
- (ii) In the event that, no sample is collected either by the Third Party or Seller and Purchaser jointly as mentioned at sub-clause (i) above, from dispatches by a rake or on any day, as the case may be, from a Delivery Point for any reason, the weighted average of the most recent results available in any preceding Month against respective Delivery Point/Grade shall be adopted for such dispatches for which samples were not collected.

## **6. WEIGHMENT OF COAL**

- 6.1 For dispatch of Coal by rail, all the wagons loaded for the Purchaser shall be weighed at the loading end at the electronic weighbridge of the Seller and electronic print-out of actual weight recorded shall be provided. Such weighment shall be final and binding for determination of the quantity delivered. The Purchaser shall have the right to witness the weighment of the wagons at the weighbridge, if desired. The Seller shall annex copy of such electronic print-outs along with the bill(s) raised by the Seller.
- 6.2 Only in the absence of weighment of Coal on electronic weighbridge at the loading end, the weight recorded at the Purchaser's electronic weighbridge with an electronic print-out facility at the Unloading Point, if in proper working order, shall be taken as final. In respect of unweighed consignments/wagons at the Delivery Point on electronic weighbridge and weighed on electronic weighbridge at the Purchaser's end, the Purchaser shall submit the associated electronic print-out to the Seller for such consignments/wagons within thirty (30) days from the date of railway receipt, beyond which time the weight of the consignment shall be considered on railway receipt basis.
- 6.3 If both the weighbridges installed by the Seller as well as the Purchaser are defective/not available for recording weight of the consignments of Coal, weighted average quantity of Coal per wagon (to be determined separately for respective types of wagons in the circuit), as per the actual weighment over a continuous period of immediately preceding seven (7) days shall form the basis for determining the quantity of Coal at that Delivery Point, till such time any one of the weighbridges is corrected and put back into operation. If the weighbridges at both the Seller's and the Purchaser's end are not available for recording weight of Coal and actual

weighment over a continuous period of immediately preceding seven (7) days is also not available then weight of Coal for such unweighed wagons shall be taken as per the weight indicated in the railway receipts.

6.4 The Seller and the Purchaser shall permit access to and make facilities available at its weighbridge, for representatives of either Party to witness and note the weight for the consignment. In case the representative of any Party fails to be present, at the time of such weighment, the weight recorded by the representative of the other Party in accordance with Clause 6.1 and Clause 6.2, shall be final and binding.

6.5 The weighbridges both at the Seller's end and at the Purchaser's end shall be kept duly calibrated as per the Weights and Measures Standards. Both the Seller and the Purchaser shall have the right to witness the calibration of the weighbridge at each other's end.

#### 6.6 **Operation and Maintenance of Weighment System**

The Parties shall at their respective costs,

(a) Operate and maintain their weighbridges in good working order and in accordance with the Weights and Measures Standards and other Applicable Laws;

(b) Cause the weighbridge to be inspected, tested and certified by the statutory agencies in accordance with and at the intervals required by the Weights and Measures Standards and the Parties shall, at their cost, extend/make available all requisite facilities required for the purpose of testing and/or calibrating the weighbridge.

6.7 For dispatch of Coal by road, the weight recorded at the electronic weighbridge of the Seller at the loading end shall be final for the purpose of billing and payment. The Purchaser shall have the right to witness the weighment at the colliery, if desired. The weighbridge shall be calibrated as per the provisions of Applicable Laws. The Purchaser shall have the right to witness such calibration.

6.8 For dispatch of Coal by belt conveyor, a weightometer shall be installed at the end of the Seller and weight recorded by the weightometer shall be the weight of Coal supplied. The weightometer shall be kept under joint seal and will be repaired/recalibrated in the presence of the representatives of the both the Parties, wherever necessary.

6.9 For dispatch of Coal by MGR system, weight recorded at the loading end through the electronic weighment system shall form the basis for determining the quantities of Coal delivered.

### 7. **METHOD OF ORDER BOOKING AND DELIVERY OF COAL**

The Purchaser shall submit Monthly programme(s) mode-wise for off-take of Coal as under:

#### 7.1 **Order Booking by Rail**

7.1.1 The Purchaser shall submit the programme(s) and shall comply with all requisite formalities, rules and procedures as prescribed by the railways by time to time.

- 7.1.2 Subject to Clause 7.1.1 and other obligations of the Purchaser under this Agreement, the Seller shall provide consent, take allotment and place indents etc. in accordance with extant railway rules and procedures.
- 7.1.3 In case of formation of rakes with wagons loaded from different Delivery Points, the Seller shall make best efforts to complete documentation formalities as per railway rules and procedures so as to enable the Purchaser to avail a trainload freight rate.
- 7.1.4 In the event rail movement is declared/considered not feasible by railways, a joint review will be undertaken in this regard.

## 7.2 **Order Booking by Road**

- 7.2.1 The Purchaser shall submit Monthly programme(s) for order booking/allocation in respect of the coal mine wise quantities offered, as per the procedure prescribed by the Seller from time to time.
- 7.2.2 Subject to fulfillment of payment obligations pursuant to Clause 12.1.2 by the Purchaser, the Seller shall arrange to issue sale order(s)/delivery order(s) separately for each colliery and issue necessary loading programme/schedule from time to time. The Purchaser shall arrange to place the required number/type of trucks to lift the Coal as per such loading programme/schedule. The Seller shall ensure that the sale order/delivery order in favour of the Purchaser reaches the concerned colliery/weigh bridge within five (5) working days of the last day of the period notified by the Seller for booking orders.
- 7.2.3 The Seller shall ensure delivery and the Purchaser shall ensure lifting of Coal against sale order/delivery order of any Month within the validity period, as mentioned in the sale order.
- 7.2.4 In the event of any quantity remaining undelivered/unlifted, the Purchaser shall be entitled to receive, once the validity period of the sale order/delivery order expires, the refund of the proportionate value of such quantity.

## 8. **TRANSFER OF TITLE TO GOODS**

Once delivery of Coal has been effected at the Delivery Point by the Seller, the property/title and risk of Coal so delivered shall stand transferred to the Purchaser in terms of this Agreement. Thereafter, the Seller shall not be responsible or liable in any manner whatsoever, including in respect of security or safeguard of the Coal so transferred. The Seller shall have no liability, including any liability towards increased freight or transportation costs, as regards missing/diversion of wagons/rakes or road transport en route, for whatever causes, by railways, or road transporter or any other agency.

## 9. **PRICE OF COAL**

The “**As Delivered Price of Coal**” for the Coal supplies pursuant to this Agreement shall be the sum of the Notified Price, Other Charges and Statutory Charges, as applicable at the time of delivery of Coal.

### 9.1 **Notified Price**

The Purchaser shall pay the Notified Price in accordance with the provisions of this Agreement.

## 9.2 **Other Charges**

### 9.2.1 Transportation charges

Where Coal is transported by the Seller from the Pithead to the Delivery Point, the Purchaser shall pay for such transportation charges which are notified by CIL/the Seller from time to time. It is clarified that the distance of transportation on surface from the Pithead to the Colliery Loading Point shall be measured along the route of Coal transportation.

### 9.2.2 Sizing/Crushing charges

Where Coal is crushed/sized for limiting the top-size, the Purchaser shall pay sizing/crushing charges, as applicable and notified by CIL/the Seller from time to time.

### 9.2.3 Rapid loading charges

Where Coal is loaded through rapid loading system, the Purchaser shall pay rapid loading charges notified by CIL/the Seller from time to time.

### 9.2.4 Any other applicable charges

Any other applicable charges as notified by CIL/the Seller from time to time.

## 9.3 **Statutory Charges**

The Statutory Charges shall become effective and payable by the Purchaser from the date as notified by the relevant government/statutory authority.

9.4 Notwithstanding anything contained herein, in all cases, the freight charges in their entirety, irrespective of the mode of transportation of the Coal supplied, shall be solely borne by the Purchaser.

## 10. **COMPENSATION**

### 10.1 **Excess Surface Moisture**

10.1.1 In the event that Monthly weighted average Surface Moisture in Coal exceeds seven percent (7%) during the Months from October to May and nine percent (9%) during the Months from June to September, the Seller shall give credit note on account of quantity equivalent to excess Surface Moisture, calculated at the rate of the weighted average Notified Price of analyzed Grade(s) of Coal and Other Charges. The said compensation shall not include railway freight and Statutory Charges. In this regard, any credit in respect of the Statutory Charges, if and when received by the Seller, shall be adjusted through issuance of credit note(s).

10.1.2 Sampling/analysis and determination of Surface Moisture for compensation shall be done as per the procedure set out in Schedule IV.

## 11. **OVERLOADING AND UNDER-LOADING**

- 11.1 Any penal freight for overloading charged by the railways for any consignment shall be payable by the Purchaser. However, if overloading is detected from any particular colliery, consistently during three (3) continuous Months, on due intimation from the Purchaser to this effect, the Seller undertakes to take remedial measures.
- 11.2 For non-coking coal of GCV exceeding 5800 Kcal/Kg and coking coal of Steel Grade I, Steel Grade II, Washery Grade I, Washery Grade II, Semi-coking Grade I, Semi-coking Grade II and washed Coal; any idle freight for under-loading below the stenciled carrying capacity, as shown on the wagon or minimum chargeable weight for the purpose of freight charges as notified by the railways (route-wise) for any particular type of wagon from time to time, whichever is lesser, shall be borne by the Seller. For all other Grades of Coal, any idle freight for under-loading below the stenciled carrying capacity, plus two (2) tonnes, or minimum chargeable weight for the purpose of freight charges as notified by the railways (route-wise) for any particular type of wagon from time to time, whichever is lesser, shall be borne by the Seller.
- 11.3 Idle freight resulting from under-loading of wagon, as per Clause 11.2, shall be adjusted in the bills. Idle freight shall be reckoned as the difference between the freight charged by the railways/freight payable for stenciled carrying capacity/freight payable for stenciled carrying capacity plus two (2) tonnes, as applicable in terms of Clause 11.2 and the freight payable for the actual recorded weight of Coal loaded in the wagons. It is clarified that the compensation shall comprise basic railway freight and other applicable charges such as DPC, DS etc. actually levied by the railway under the respective consignment.

## **12. MODALITIES FOR BILLING, CLAIMS AND PAYMENT**

### **12.1 Bills on Declared Grade basis**

- 12.1.1 The Seller shall raise bills for the Coal supplied to the Purchaser on Declared Grade basis. The Seller shall raise such bills on rake-to-rake basis for delivery of Coal by rail and on daily basis for delivery of Coal by road and other modes of transport. Such bills shall be raised within seven (7) days of delivery.
- 12.1.2 The Purchaser shall make payment in accordance with either of the following payment mechanisms:
- (i) The Purchaser shall make advance payment against Monthly Scheduled Quantity, as per the payment schedule notified by the Seller which shall provide flexibility to the Purchaser to make payment of coal value in at least 3 (three) installments in a month against the said Monthly Scheduled Quantity. The consent in respect of rail programme(s) and/or order booking/allocation in case of road/other modes by the Seller shall be commensurate with the installments of payments made by Purchaser.
  - (ii) The Purchaser shall maintain with the Seller an Irrevocable Revolving Letter of Credit (“**IRLC**”) issued by a bank in a format acceptable to the Seller and fully conforming to the conditions to be stipulated as Schedule III for an amount equivalent to As Delivered Price of Coal for the Coal quantities that is one-ninth (1/9<sup>th</sup>) of the QQ concerned, as per Clause 4.4. The As Delivered Price of Coal in this context shall take into account the highest of Notified Prices of Grades mentioned in Schedule II. The amount of IRLC shall be suitably changed whenever there is a change in any component of the As Delivered Price of Coal. In addition to the IRLC, the Purchaser

shall pay advance amount equivalent to seven (7) days Coal value by way of electronic fund transfer.

12.1.3 All the payments shall be made through electronic fund transfer payable at (*[•]* to be stated by the Seller). In the event of non-payment/delayed payment of any amount(s) as prescribed in this Agreement, the Purchaser shall be liable to pay interest in accordance with Clause 13.

12.1.4 Advance payment made by the Purchaser shall be non-interest bearing, and it shall change in accordance with change in the As Delivered Price of Coal.

## 12.2 **Adjustment for analyzed quality/Grade**

12.2.1 The debit note/credit note with regard to adjustment for quality, as determined under Clause 5.6, shall be supported by the relevant analysis report(s) of the Third Party/referee results/joint sampling/weighted average analysis, as the case may be, in accordance with Clause 5.6.

12.2.2 The Seller shall issue credit note/debit note on account of Grade variation to the extent of difference in the Notified Price of Declared Grade and analysed Grade of Coal as follows:

- (a) In case of Third Party result which is not sent for referee analysis, within seven (7) days of receipt of Third Party result by the Seller;
- (b) In case of referee analysis, within seven (7) days of receipt of referee analysis results by the Seller;
- (c) In case of joint sampling, within seven (7) days of the date of jointly signed result; or
- (d) In case of weighted average analysis, within seven (7) days of the joint determination of weighted average result to be applied.

## 12.3 **Bills of Miscellaneous Claims**

12.3.1 The bills towards interest charges pursuant to Clause 13 raised by the Parties shall be paid within fifteen (15) days of receipt of such bills.

12.3.2 Compensation for short supply/lifting, as calculated in accordance with Clause 4.7, shall be payable by the defaulting Party to the other Party within a period of ninety (90) days from the date of receipt of claim, failing which, it will attract interest in terms of Clause 13.

12.3.3 After expiry of the Year, the Seller shall submit an invoice to the Purchaser with respect to the Performance Incentive payable in terms of Clause 4.12 and the Purchaser shall pay the amount so due within thirty (30) days of the receipt of the invoice failing which it will attract interest in terms of Clause 13.

## 12.4 **Diverted rakes/missing wagons**

In case of diversion of rakes en route or missing wagons, bills shall be paid to the Seller by the Purchaser.

## 12.5 **Annual Reconciliation/Adjustments**

The Parties shall jointly reconcile all payments made for the Monthly Coal supplies during the Year by end of May of the following Year. The Parties shall, forthwith, give credit/debit for the amount reconciled, if any, as assessed during such joint reconciliation. The annual

reconciliation statement shall be jointly signed by the authorised representative of the Seller and the Purchaser which shall be final and binding

- 12.6 In the event of due date of any payment obligation under this Agreement falling on day other than a Business Day or on a day of nationwide strike affecting banking services, the next Business Day shall be the effective due date for the purpose.

### **13. INTEREST ON DELAYED PAYMENT**

In the event of delay in payment/adjustment of any amount payable/recoverable pursuant to the provisions of this Agreement, the Seller/the Purchaser shall be entitled to charge interest on such sum remaining outstanding for the period after the due date till such time the payment is made. The interest charged by the Seller/the Purchaser pursuant to this Clause 13 shall be at the Interest Rate.

### **14. REPRESENTATIONS, WARRANTIES, COVENANTS AND UNDERTAKINGS**

- 14.1 Each Party represents and warrants to the other Party that:

14.1.1 it has the capacity to enter into this Agreement and perform its obligations, and all transactions and undertakings contemplated herein;

14.1.2 all corporate or other required action necessary for the authorisation and execution of this Agreement have been duly obtained; and

14.1.3 this Agreement has been duly executed by it and is valid and binding on it in accordance with its terms.

- 14.2 The Purchaser hereby further warrants and represents to the Seller:

14.2.1 it is duly organized and validly existing under the Applicable Laws and has all powers and authorities to own its property and to carry on its business as now conducted;

14.2.2 it has the full legal right, capacity and authority to enter into this Agreement and this Agreement constitutes its legal, valid and binding obligation;

14.2.3 the execution, delivery and performance by it of this Agreement and the compliance by it with the terms and provisions hereof do not and will not:

(i) contravene any provision of any Applicable Law, statute or any order, writ, injunction or decree of any court or governmental instrumentality to which it is subject; or

(ii) conflict with or be inconsistent with or result in any breach of any of the terms, covenants, conditions or provisions of, or constitute a default under any other agreement, contract or instrument to which it is a party or by which it is bound or to which it may be subject; or

(iii) violate any provision of its constitutional documents;

14.2.4 there are no claims, investigations or proceedings before any court, tribunal or governmental authority in progress or pending against or relating to it, which could reasonably be expected

to prevent it from fulfilling its obligations set out in this Agreement or arising from this Agreement;

- 14.2.5 this Agreement is enforceable against it in accordance with its terms; and/or
- 14.2.6 the undertakings of the Purchaser pursuant to the Scheme Document and the LOI are true and correct and all information provided by the Purchaser under the Scheme Document and in connection with the LOI, as requested by CIL and/or the Seller, is not untrue, incorrect or misleading in any way.
- 14.3 The Purchaser hereby also covenants and undertakes to the Seller as follows:
  - 14.3.1 it does and shall continue to satisfy all of the Eligibility Criteria, particularly, the proviso to Clause 4.1.2.1 of the Scheme Document, and shall comply with all its obligations, covenants, undertakings and all other terms and conditions required to be complied by it under the Scheme Document and the LOI;
  - 14.3.2 all licenses, registrations, consents, permissions and other authorisations required by the Purchaser for or in connection with its business have been obtained and are validly held by the Purchaser and each of the licenses, registrations, consents, permissions and other authorisations as aforesaid are in full force and effect and the Purchaser shall take necessary steps to renew the Licenses from time to time in accordance with the provisions of Applicable Laws;
  - 14.3.3 it shall not divert, use, transfer, swap and/or other undertake any other form of rationalisation in any manner whatsoever, the Coal supplied pursuant to this Agreement other than as specifically permitted under this Agreement and only in accordance with the rationalization policy;
  - 14.3.4 In the event Purchaser is a CPP, it shall:
    - (a) comply with the requirements under CPP SOP including but not limited to furnishing to CEA necessary information (in format, manner and timelines as prescribed in the CPP SOP) and documents as may be required in respect of the consumption of the Coal Linkage in the Specified End Use Plant; and
    - (b) use the Coal supplied pursuant to this Agreement only towards meeting its commitment under the Concluded PPA for which it has been allowed the Coal Linkage.

## **15. SUSPENSION OF COAL SUPPLIES**

- 15.1 Notwithstanding other provisions of this Agreement, in any of the following events, the Seller shall have the rights as provided in Clause 15.2 below:
  - 15.1.1 in the event the Purchaser fails to pay any amount, including any interest, due to the Seller under this Agreement within a period of five (5) days of the same falling due;
  - 15.1.2 In the event of any *prima facie* breach, default or violation by the Purchaser in respect of Clause 4.2; and/or
  - 15.1.3 In the event of any intimation from any governmental/statutory authority and/or DISCOM in relation to any breach, default or violation arising out of or in relation to any Amended PPA.



- 15.2 In case of any of the events in Clause 15.1, the Seller shall have the right to resort to any one or more of the following:
- (a) Adjust the outstanding amount from any amount of the Purchaser lying with Seller including payments made for Coal supplies; and/or
  - (b) Suspend supplies of Coal to the Purchaser.
- 15.3 During the period of suspension of supplies in terms of Clause 15.1, the Seller shall be relieved of his obligations to supply Coal. However, the obligations of the Purchaser under this Agreement shall be deemed to remain in full force and effect.
- 15.4 In the event of suspension of Coal supplies pursuant to Clause 15.1.1, the Seller shall have the right to continue the suspension for as long as the outstanding payment(s) have not been adjusted/paid. The Seller shall resume the Coal supplies within three (3) days of payment of the outstanding amount(s) together with the interest accrued in accordance with this Agreement until the date of actual payment.
- 15.5 In the event of suspension of Coal supplies pursuant to Clause 15.1.2, the Seller shall have the right to continue the suspension of Coal for as long as the non-occurrence of the said breach, default or violation is not duly explained by the Purchaser to the satisfaction of the Seller.

## **16. SETTLEMENT OF DISPUTES**

- 16.1 In the event of any dispute, disagreement or difference arising out of or in connection with this Agreement, including any question regarding its performance, existence, validity, termination and the rights and liabilities of the Parties to this Agreement (“**Dispute**”), the Parties shall endeavour to amicably settle the same through negotiations carried out in good faith.
- 16.2 For the purpose of conducting negotiations, each Party shall designate in writing to the other Party a representative who shall be authorised to negotiate on its behalf with a view to resolving any Dispute (“**Representative**”). Each such Representative shall remain so authorised until his replacement has been designated in writing to the other Party by the Party he represents.
- 16.3 The Representative of the Party which considers that a dispute has arisen shall give to the Representative of the other Party, a written notice setting out the material particulars of the dispute (“**Dispute Notice**”). Within thirty (30) days, or such longer period as may be mutually agreed, of the Dispute Notice having been delivered to the other Party, the Representatives of both Parties shall meet in person, to attempt in good faith and using their best endeavours at all times, to resolve the Dispute. Once the Dispute is resolved, the terms of the settlement shall be reduced in writing and signed by the Representatives of the Parties.

## **17. INDEMNIFICATION**

- 17.1 In this Clause 17, a reference to the Seller shall include the Seller and its officers, employees, staff, advisors, representatives or agents (collectively the “**Indemnified Party**”) and the provisions of this Clause 17 shall be for the benefit of the Indemnified Party, and shall be enforceable by each such Indemnified Party.

- 17.2 The Purchaser hereby indemnifies the Indemnified Party against all liabilities, costs, expenses, damages and losses (including but not limited to any interest, penalties and legal costs calculated on a full indemnity basis and all other professional costs and expenses) (collectively the “Losses”) suffered or incurred by the Indemnified Party arising out of or in connection with:
- (a) any breach of the representations, warranties, covenants and/or undertakings of the Purchaser contained herein or in the Scheme Document;
  - (b) any information or documentation submitted by the Purchaser to the Seller pursuant to this Agreement and/or the Scheme Document, being untrue, incorrect or false;
  - (c) the Purchaser’s breach or negligent performance or non-performance of this Agreement;
  - (d) the Purchaser’s breach or negligent performance or non-performance of any Amended PPA;
  - (e) any claim made against the Indemnified Party for actual or alleged infringement of a third party’s rights or damage caused to a third party arising out of or in connection the performance or non-performance of any of the Purchaser’s obligations under this Agreement and/or any Amended PPA to the extent that such claim arises out of the breach, negligent performance or failure or delay in performance of this Agreement and/or any Amended PPA, as the case may be, including but not limited to any claim on account of quality or quantity of Coal, by the Purchaser, its employees, agents or contractors; and/or
  - (f) any Loss or damages caused on account of breach of any Applicable Law by the Purchaser, including without limitation any costs incurred by the Seller in rectifying any damages caused by the Purchaser on account of breach, negligent performance or failure or delay in performance of this Agreement and/or any Amended PPA, as the case may be, or non-compliance with Applicable Law.
- 17.3 Any indemnifiable claim under this Agreement must, be asserted by the Indemnified Party by delivery of written notice thereof to the Purchaser, on discovery by the Indemnified Party of the breach of the pertinent covenant or obligation of this Agreement, or of any misrepresentation or breach of any representation or warranty made by the Purchaser or of occurrence of any event specified in Clause 17.2. However, any delay on the part of an Indemnified Party in providing or failure to provide such notice will not relieve the Purchaser of its indemnification obligations hereunder.
- 17.4 The remedies set forth in this Clause 17 shall be without prejudice to all the rights and remedies that the Indemnified Party may have under the Applicable Law and shall not be the sole and exclusive remedies of the Indemnified Party for any breach of this Agreement or any matter relating to any representation, warranty, covenant or undertaking contained in this Agreement.

## **18. TERMINATION OF THIS AGREEMENT**

### **18.1 Force Majeure Act/Change in Law**

This Agreement may be terminated upon the occurrence of any of the following events and in the manner specified hereunder:

- 18.1.1 In the event that either Party is rendered wholly or partially unable to perform its obligations under this Agreement because of a Force Majeure Act (“**Affected Party**” as described in Clause 19), and such inability to perform lasts for not less than a total of nine (9) Months in continuous form or of twelve (12) Months in discontinuous form in a period of two (2) Years, and in the considered assessment of the other Party (“**Non-Affected Party**”) there is no reasonable likelihood of the Force Majeure Act coming to an end in the near future, such Party shall have the right to terminate this Agreement, by giving at least ninety (90) days prior written notice to the Affected Party of the intention to so terminate this Agreement. In such an event, unless the said notice of termination is withdrawn by the Affected Party, the termination shall take effect on expiry of the notice period or ninety (90) days whichever is later, and the Parties shall be absolved of all rights/obligations under this Agreement, save those that had already accrued as on the effective date of termination.
- 18.1.2 In the event that the Purchaser is prevented/disabled under Applicable Law from using Coal, for reasons beyond their control, owing to changes in applicable environmental and/or statutory norms, howsoever brought into force, the Purchaser shall have the right to terminate this Agreement, subject to a prior written notice to the Seller of not less than thirty (30) days.

## 18.2 Termination in Event of Default

This Agreement may be terminated upon the occurrence of any of the following events of default and in the manner specified hereunder:

- 18.2.1 In the event that the Level of Delivery falls below thirty percent (30%) or the Level of Lifting falls below thirty percent (30%), the Purchaser or the Seller, as the case may be, shall have the right to terminate this Agreement, after providing the other Party with prior written notice of not less than thirty (30) days.
- 18.2.2 Notwithstanding the provisions of Clause 15.5, in the event that the matter pertains to Clause 15.1.2, the Seller shall have the right to terminate this Agreement forthwith without any liabilities or damages, whatsoever, payable to the Purchaser.
- 18.2.3 In the event of continuation of suspension for a continuous period of six (6) Months pursuant to Clause 15.1.1 and Clause 15.1.3, the Seller shall have the right to terminate this Agreement by providing a prior written notice of thirty (30) days to the Purchaser.
- 18.2.4 In the event that either Party suffers insolvency, appointment of liquidator (provisional or final), appointment of receiver of any of material assets, levy of any order of attachment of the material assets, or any order or injunction restraining the Party from dealing with or disposing of its assets and such order having been passed is not vacated within sixty (60) days, the other Party shall be entitled to terminate this Agreement by giving prior written notice of thirty (30) days to the first Party.
- 18.2.5 In the event that any Party commits a breach of term or condition of this Agreement (“**Defaulting Party**”) not otherwise specified under this Agreement, the other Party (“**Non-Defaulting Party**”), shall have the right to terminate this Agreement after providing the Defaulting Party thirty (30) days prior written notice and the breach has not been cured or

rectified to the satisfaction of the Non-Defaulting Party within the said period of thirty (30) days.

18.2.6 Upon the occurrence of any event which gives rise to termination of this Agreement in accordance with the provisions of the CPP SOP.

### 18.3 **Accrued rights to survive termination**

Termination of this Agreement shall be without prejudice to the accrued rights and obligations of either Party as at immediately prior to the termination.

## 19. **FORCE MAJEURE**

19.1 “**Force Majeure Act**” shall mean any act, circumstance or event or a combination of acts, circumstances and events which wholly or partially prevents or delays the performance of obligations arising under this Agreement by any Party (such Party being the “**Affected Party**”), and if such act, circumstance or event is not reasonably within the control of and not caused by the fault or negligence of the Affected Party, and provided that such act, circumstance or event is in one or more of the following categories:

19.1.1 Flood, inundation of mine, drought, lightening, cyclone, storm, earthquake, adverse geo-mining conditions, eruption of gases, subsidence and such natural occurrences;

19.1.2 Explosion, mine fire and other fire, contamination of atmosphere by radioactive or hazardous substances;

19.1.3 Civil disturbance such as riot, terrorism etc.;

19.1.4 Industry wise/nationwide strikes in the sector in which either Party operates;

19.1.5 Any law, ordinance or order of the Central or State Government, or any direction of a statutory regulatory authority that restricts performance of the obligations hereunder;

19.1.6 Epidemic;

19.1.7 The enactment, promulgation, amendment, suspension or repeal of any Applicable Laws after the Execution Date;

19.1.8 Any delay or direction or order on the part of the Government of India or relevant State Government or denial or refusal to grant or renew, or any revocation, or modification of any required permit or mining lease or governmental approvals including those related to land acquisition or environment/forest clearance provided that such delay, modification, denial, refusal or revocation was not due to a cause attributable to the Affected Party;

19.1.9 Any law and order problems affecting Coal production and transportation of Coal; and/or

19.1.10 Failure of supply of power from power supplier(s).

### 19.2 **Burden of Proof**

The burden of proof as to whether a Force Majeure Act has occurred shall be upon the Party claiming the occurrence or existence of such Force Majeure Act.

### 19.3 **Effect of Force Majeure**

If either Party is rendered wholly or partially unable to perform its obligations under this Agreement because of a Force Majeure Act, that Party shall be excused from whatever performance is affected by the Force Majeure Act to the extent so affected, provided that:

- (a) Upon the inability of the Affected Party to perform due to the occurrence of a Force Majeure Act, the Affected Party provides a written notice to the other Party of the particulars of the occurrence, including an estimation of its expected duration and probable impact on the performance of its obligations hereunder, and continues to furnish periodic reports with respect thereto, every fifteen (15) days from the date of such notice, during the period of Force Majeure;
- (b) The Affected Party shall use all reasonable efforts to continue to perform its obligations hereunder and to correct or cure as soon as possible the Force Majeure Act;
- (c) The suspension of performance shall be of no greater scope and duration no longer than is reasonably necessitated by the Force Majeure Act;
- (d) The Affected Party shall provide the other Party with prompt written notice of the cessation of the Force Majeure Act giving rise to the excuse from performance and shall thereupon resume normal performance of obligations under this Agreement with utmost promptitude;
- (e) The non-performance of any obligation of either Party that was required to be performed prior to the occurrence of a Force Majeure Act shall not be excused as a result of such subsequent Force Majeure Act;
- (f) The occurrence of a Force Majeure Act shall not relieve either Party from its obligations to make any payment hereunder for performance rendered prior to the occurrence of Force Majeure Act or for partial performance hereunder during period of subsistence Force Majeure Act; and
- (g) The Force Majeure Act shall not relieve either Party from its obligation to comply with Applicable Laws. The Affected Party shall exercise all reasonable efforts to mitigate or limit damages to the other Party.

## 20. **SCHEDULES/ANNEXURES**

The Schedules detailed below shall form part of this Agreement:

Schedule I – Annual Contracted Quantity

Schedule II – Quality of Coal

Schedule III – IRLC Stipulations

Schedule IV – Procedure for Third Party Sampling and Analysis

## 21. INFORMATION RIGHTS OF THE SELLER

- 21.1 The Seller shall have the right, throughout the Term: (i) to call for such information and/or documentation from the Purchaser (including the documentation detailed in Annexure X of the Scheme Document); and  
(ii) to obtain and seek information and/or documentation from any governmental/statutory authority, as may be required by the Seller from time to time, *inter alia* for confirming:
- 21.1.1 the veracity of the Purchaser's claim of being a *bona fide* consumer of the Coal allocated to it in respect of the Specified End Use Plant;
- 21.1.2 the Purchaser's compliance with the terms and conditions of the LOI, the Eligibility Criteria, particularly, the proviso to Clause 4.1.2.1 of the Scheme Document, the Scheme Document and this Agreement; and/or
- 21.1.3 any breach, default or violation arising out of or in relation to any Amended PPA by the Purchaser.
- 21.2 The Purchaser shall at all times extend necessary cooperation to the Seller in this regard and shall provide relevant information and/or documentation requested by the Seller within such reasonable time as may be requested by the Seller.
- 21.3 In the event Purchaser is a CPP, it shall furnish to CEA necessary information (in format, manner and timelines as prescribed in the CPP SOP) and documents as may be required in respect of the consumption of the Coal Linkage in the Specified End Use Plant including *inter alia* the following:
- a) information regarding its power plant(s) including the installed capacity, Concluded PPA, normative auxiliary consumption, station heat rate, details of existing linkage, if any, Allocated Quantity of such Purchaser, GCV<sub>ARB</sub> and stock at the end of previous month;
  - b) month wise information with documentary proof, regarding Energy Charge, coal grade, coal GCV<sub>ARB</sub>, opening stock, receipts in the month and closing stock; and
  - c) scheduled energy of the power plant(s) to the DISCOM against each Concluded PPA.

## 22. MISCELLANEOUS

- 22.1 **Notice:** Any notice to be given under this Agreement shall be in writing and shall be deemed to have been duly and properly served upon the Parties hereto if delivered against acknowledgement, by registered mail with acknowledgement due, by facsimile, by e-mail or by Speed Post, addressed to the signatories or the authorised representatives of the signatories nominated in accordance with the provisions of this Agreement at the following addresses:

1) Seller's address

2) Purchaser's address

Designation:

Designation:

Address:

Address:

Telephone:

Telephone:

Fax:

Fax:

E-mail:

E-mail:

Any notice given by the Purchaser under this Agreement, if delivered otherwise than by e-mail, shall always be backed by an e-mail to the above mentioned e-mail address of the Seller.

Any notice delivered to the Party to whom it is addressed as provided in this Clause 22.1 shall be deemed (unless there is evidence that it has been received earlier) to have been given and received, if:

- (a) hand delivered or sent by registered mail, at the time of acknowledgment of receipt of the same;
- (b) sent by Speed Post, the date of delivery as recorded in the system of postal service provider; and
- (c) sent by facsimile or e-mail, when confirmation of its transmission has been recorded by the sender's facsimile machine or the sender's e-mail system, as the case may be.

22.2 **Amendment:** This Agreement shall stand amended or modified pursuant to any modifications thereof as may be issued in writing or notified by the Seller as per the provisions of this Agreement or as may be entered into in writing by the Parties.

22.3 **Severability:** In the event any part or provision of this Agreement becomes, for any reason, unenforceable or is declared invalid by a competent court of law or tribunal, the rest of this Agreement shall remain in full force and effect as if the unenforceable or invalid portions had not been part of this Agreement.

22.4 **Governing Law and Jurisdiction:** This Agreement and the rights and obligations hereunder shall be interpreted, construed and governed by the laws of India. The courts of *[[•] name of the state where the Seller's headquarters/registered office is located]*, India shall have exclusive jurisdiction in respect of all matters arising under or in connection with this Agreement.

22.5 **Entirety:** This Agreement, together with the Scheme Document and any documents referred to therein, (i) supersedes any and all oral and written agreements, drafts, undertakings, representations, warranties and understandings heretofore made in relation to the subject matter hereof; and (ii) constitutes the entire agreement and understanding of the Parties relating to the subject matter hereof. It is expressly agreed that this Agreement, together with the Scheme Document and any documents referred to therein, shall supersede all previous discussions and meetings held and correspondence exchanged between the Seller and the Purchaser in respect of this Agreement and any decisions arrived at therein in the past and before coming into force of this Agreement, shall have no relevance with reference to this Agreement and no reference of such discussions or meetings or past correspondence shall be entertained by either Party for the purposes of interpreting or implementing this Agreement. In the event of any conflict between the provisions of this Agreement and the Scheme Document, this Agreement shall prevail.

22.6 **Counterpart(s):** This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same instrument.

- 22.7 **Change in Constitution:** In the event there is any change in constitution of the Purchaser company due to amalgamation, merger, de-merger, takeover, court order or change in ownership/shareholding pattern etc., in this regard, the Purchaser shall give a written notice to the Seller within thirty (30) days of such change taking effect, along with the supporting documents/information seeking continuation of this Agreement with respect to the said change. Within sixty (60) days thereafter, the Seller shall verify the said documents/information submitted by the Purchaser/resultant company in respect of compliance with in the Office Memorandum of the MOC dated April 7, 2015 and/or any other directive/guideline as may be issued by the MOC in this regard and arrive at a decision. Subject to the Seller's satisfaction in this regard, an amendment agreement/novation agreement shall be entered into between the Seller, the Purchaser and the resultant company, as applicable, failing which the Seller shall have a right to suspend supply of Coal as per Clause 15 of this Agreement and other provisions set out in Clause 15.5 and Clause 18.2 shall accordingly also apply.
- 22.8 **Change in Name:** The Purchaser shall intimate the Seller of any change in its name (on account of reasons other than as set out in Clause 22.7), immediately upon occurrence of name change. The Parties shall thereafter take necessary steps to record such change in the name of the Purchaser in the books and records of the Seller and shall also execute an amendment agreement to this Agreement to record such name change.
- 22.9 **Assignment:** Except as provided in Clause 22.7, the Purchaser shall not, without the express prior written consent of the Seller, assign to any third party this Agreement or any part thereof, or any right, benefit, obligation or interest therein or there under.
- 22.10 **Limitation of Liability:** Except as otherwise expressly agreed in this Agreement, neither Party shall have any right or entitlement to any consequential losses, costs or damages, loss of profit or market, as a result of a breach by the other Party of this Agreement.
- 22.11 **Costs and Expenses:** Except as otherwise expressly provided for in this Agreement, each Party shall pay its own costs and expenses in connection with this Agreement and the transactions contemplated hereby.
- 22.12 **Waiver, Rights and Remedies:** No failure or delay by any Party in exercising any right, power or remedy under this Agreement shall operate as a waiver thereof. No single or partial exercise of any right, power or remedy under this Agreement by any Party shall preclude any further exercise thereof or the exercise of any other right, power or remedy by that Party. Without limiting the foregoing, no waiver by any Party of any breach by any other Party of any provision hereof shall be deemed to be a waiver of any subsequent breach of that or any other provision hereof.
- 22.13 **No Agency:** The Parties agree that nothing in this Agreement shall be in any manner interpreted to constitute an agency for and on behalf of any other Party.

### 23. IMPLEMENTATION OF THE AGREEMENT

- 23.1 The respective [[•] *designation of the authorized representative*] of the Specified End Use Plant or its nominated representative shall be authorised to act for and on behalf of the Purchaser.
- 23.2 General Manager (Marketing and Sales) or any representative duly authorized by the Seller shall act for and on behalf of the Seller.



23.3 Any other nomination of authorised representative shall be informed in writing, by the Seller and the Purchaser, as the case be, within one (1) Month of execution of this Agreement or by giving thirty (30) days' notice.

23.4 It shall be the responsibility of the Parties to ensure that any change in the address for service or in the particulars of the designated representative is notified to the other Party and all other concerned, before effecting a change and in any case within two (2) Business Days' of such change.

IN WITNESS WHEREOF this Agreement has been executed by the duly authorized representatives of the Parties hereto on the day and year first above written.

**For and on behalf of ([•] name of the Seller) For and on behalf of ([•] name of the Purchaser)**

**Signature**

Name:  
**(block letters)**  
Designation:  
Address:  
Telephone:  
Fax:  
E-mail:

**1. WITNESS**

- a) Signature
- b) Name  
**(block letters)**
- c) Address and Occupation

**2. WITNESS**

- a) Signature
- b) Name  
**(block letters)**
- c) Address and Occupation

**Signature**

Name:  
**(block letters)**  
Designation:  
Address:  
Telephone:  
Fax:  
E-mail:

**1. WITNESS**

- a) Signature
- b) Name  
**(block letters)**
- c) Address and Occupation

**2. WITNESS**

- a) Signature
- b) Name  
**(block letters)**
- c) Address and Occupation

**Schedule I**  
**Annual**  
**Contracted**  
**Quantity**

S. No.	Name and location of the Specified End Use Plant owned by the Purchaser	Unit-wise Installed Capacity of the Specified End Use Plant (in MW)	Unit-wise balance life* of Specified End Use Plant in Years (with effect from the Execution Date)	Name of Rake Fit Station nearest to the Specified End Use Plant	Annual Contracted Quantity (Tonnes)	Mode(s) of Transport	Source

\*Balance life of each Unit of the Specified End Use Plant as certified by CEA.

**Schedule II**  
**Quality of Coal**

S. No.	Name and location of the Specified End Use Plant owned by the Purchaser	Top-size of Coal (mm)	Indicative range of Grade(s)**

\*\*The actual supply pursuant to this Agreement may vary between and/or beyond the indicative range of Grades and the same shall not entail any quantity adjustment in any manner.

**Schedule III**  
**IRLC Stipulations**

*(IRLC Stipulations shall be separately intimated by the Seller to the Purchaser in case the Purchaser opts to submit IRLC as per the payment provisions of this Agreement)*

**Schedule IV  
Procedure for  
Third Party  
Sampling and  
Analysis**

**1. APPOINTMENT OF THE THIRD PARTY AGENCY**

The Purchaser may select a Third Party Agency (“**TPA**”) to conduct the sampling and analysis from the list of third parties empaneled by CIL from time to time, including:

- (a) Quality Council of India (“**QCI**”);
- (b) Indian Institute of Technology (“**Indian School of Mines**”); or
- (c) Such other agencies as may be empaneled by CIL from time to time.

The cost of sampling and analysis by TPA shall be shared on 50:50 basis by the Seller and the Purchaser.

All tools and tackles, plastic bags, sealing compounds and other items required for collection, preparation, storage and analysis of the sample shall be arranged by the TPA.

**2. DETAILED MODALITIES FOR THIRD PARTY SAMPLING**

Modalities for collection, handling, storage, preparation and analysis of TPA samples:

**2.1 General**

- a) In order to commence third party sampling, a tripartite agreement will be signed between the Seller, the Purchaser and the TPA. The format of tripartite agreement will be provided by the Seller.
- b) Samples shall be collected by TPA lot-wise as per Clause 5.6.1.
- c) Samples shall be collected, packed and transported by the TPA in such a manner so as to make these tamper proof to the satisfaction of Seller and Purchaser for which detailed procedure may be worked out at Delivery Point jointly by representatives of the Seller, the Purchaser and the TPA.
- d) Name of the colliery/Siding/Purchaser, date of collection and other identification details (eg. Rake no. in case of rail supply etc.) shall be properly recorded and a code number shall be assigned for each sample for identification and reconciliation of results.
- e) Collection and preparation of samples will be witnessed by the representative of Seller and Purchaser. In case the representative of either party is not present or do not participate, the work will be done by TPA and absence or failure of participation shall not be considered as a ground for disputing the result.
- f) Proper analysis records like print out of the results from automatic Bomb Calorimeter etc. shall be maintained at the Laboratories where the samples are analyzed by the TPA. TPA shall ensure that samples are analysed in NABL accredited labs.

- g) Laboratory samples prepared shall be in the size of 12.5 mm for the Total Moisture and for ash, Equilibrated Moisture and GCV analysis, 212  $\mu$  (micron) IS sieve. Due care shall be taken to ensure that before analysis, in test laboratory, further sieving or pulverizing is not required.
- h) Samples collected at the loading end shall be analyzed as per latest BIS Standards (IS:1350 Part I – 1984 for determination of ash and moisture content and IS:1350 Part-II-1970 for determination of GCV).
- i) The TPA shall communicate the analysis result of the sample to the Seller and Purchaser within fifteen (15) days of sample collection. The Seller/the Purchaser may raise a dispute, if any, regarding the findings of the TPA within seven (7) days of the submission of the analysis result by the TPA.
- j) Monthly statements containing the details of each and every analysis result finalized during a month based on TPA/referee analysis, as the case may be, shall be prepared indicating *inter alia* the quantity of Coal covered by the respective analysis results. The finalized results shall be applied for billing/commercial purpose. Copy of the monthly statement/report shall be submitted to Seller and Purchaser by the TPA.
- k) The final pulverized sample will be divided into four parts viz. Set – I, Set – II, Set – III and Set – IV as follows:
  - (i) Set – I shall be taken by the TPA to its NABL Accredited Laboratory for analysis of ash, moisture and GCV as per latest BIS Standards (IS: 1350 Part 1-1984) or BIS Standards (IS: 1350 Part-II-1970), as applicable;
  - (ii) Set – II and Set – III of the sample shall be handed over by the TPA to the Seller and the Purchaser respectively for their own analysis; and
  - (iii) Set – IV of the sample called Referee Sample shall be sealed jointly by the TPA and representatives of Seller and Purchaser and shall be kept in the custody of TPA at the Delivery Point under lock and key arrangements. The referee sample shall be retained in sealed condition (duly signed by the representatives of Seller and Purchaser and the TPA) for minimum of thirty (30) days from the date of sample collection, after which it may be destroyed with proper records by TPA. The sample shall be packed and transported by the TPA to referee lab, in tamper proof manner to the satisfaction of Seller and Purchaser.
- l) Total Moisture determination will be done at nearest laboratory of the Seller and remaining tests/analysis (moisture, ash, GCV on Equilibrated Basis) will be done by the TPA as per BIS Standards (IS: 1350 Part 1-1984) or BIS Standards (IS: 1350 Part-II-1970), as applicable.
- m) In the event of any dispute (which shall be raised not later than seven (7) days from the date of receipt of result from the TPA), Set – IV shall be sent for referee analysis by the TPA within seventy two (72) hours of the dispute. Referee sample results shall be declared within 15 days from the date on which sample is disputed by Seller or Purchaser. For this purpose, TPA shall ensure that referee samples are transported to the mutually agreed (Seller and Purchaser) designated laboratories of the government agencies/institutions. TPA shall follow a foolproof coding and decoding system for

referee analysis and also ensure distribution of referee samples amongst designated referee labs in a judicious manner considering the workload, equitable distribution, infrastructure etc. at various labs. The cost incurred for analysis of referee sample including the cost of transportation to the referee laboratory, shall be borne totally by the Party raising the dispute. The findings of such designated laboratory(ies) shall be binding on the Purchaser and the Seller for commercial purposes.

- n) If the timelines specified herein for declaration of TPA result or raising dispute are not adhered to, then, such result or dispute, as the case may be, will not be applicable for any purpose, unless the delay is jointly waived in writing by both the Seller and the Purchaser

## 2.2 COLLECTION OF SAMPLES FROM WAGONS (Rail and MGR)

- a) For the purpose of sampling each lot as per Clause 5.6.1(b) of Coal supplied from one Delivery Point shall be considered as a lot.
- b) Each day's supply as per Clause 5.6.1(c) shall be considered as one lot for the purpose of sampling in case of coal supplies by MGR.
- c) Each lot shall be divided into sub-lots in a manner that the quantity of Coal/number of wagons in such sub-lots is more or less equal. The number of sub-lots shall be determined as under:

No. of wagons in the rake	Number of sub lots
Up to 30 wagons	4
>30 wagons up to 50 wagons	5
>50 wagons and above	6

- d) From each of the sub-lots, one (1) wagon each shall be selected as per random table of IS: 436 (Part I/Section I) 1964 for collection of increments.
- e) In each wagon selected for sampling, the sample will be drawn from the spot in a manner so that if in one (1) wagon the sample is collected at one end, in the next wagon the spot will be in the middle of the wagon and in the third wagon at the other end and this sampling procedure will be repeated for subsequent wagons.
- f) Before collecting the samples, the spot will be leveled and at least 25 cm of Coal surface shall be removed/scrapped from the top and the place will be leveled for an area of 50 cm by 50 cm.
- g) About 50 kg of sample shall be collected from each selected wagon in the lot by drawing 10 increments of approx. 5 kg each with the help of shovel/ scoop.
- h) Any stone/shale of size more than that indicated in Schedule II shall be removed/discarded, however all stones/shale of size in terms of Schedule II shall form part of the sample collected.
- i) Samples collected from all the selected wagons in a lot shall be mixed separately to form gross sample accordingly.

- j) Item (d) to (g) above shall be applicable for Coal supplied in box wagons as well as BOBR wagons where there is no live overhead traction line.
- k) In case of having live overhead traction line, TPA shall ensure that the power supply in the overhead traction is switched off to facilitate collection of joint samples from BOX/BOBR wagons pursuant to point 2.2d) to point 2.2g) above.

### 2.3 **COLLECTION OF SAMPLES OF COAL DESPATCHES BY ROAD**

- a) Sample shall be collected lot-wise as per Clause 5.6.1(c) on daily basis round the clock, depending upon the timings of trucks/vehicles allowed for exist by the Seller at respective dispatch point(s).
- b) The first truck for TPA sampling on a day shall be selected randomly from the first eight trucks placed for loading by the Purchaser. Every eighth (8<sup>th</sup>) truck there after shall be subjected to TPA sampling.
- c) The spot at the top of the truck, will be leveled and at least 25 cm of Coal surface shall be removed/scrapped from the top and the place will be leveled for an area of 50 cm by 50 cm for collection of sample.
- d) About 30 kg of sample shall be collected from each truck by drawing 6 increments of approx. 5 kg each with the help of shovel/scoop.
- e) All the samples collected from every eighth truck shall be mixed together to form a gross sample.
- f) Any stone/shale of size more than that indicated in Schedule II shall be removed/discarded, however all stone/shale of size as mentioned in Schedule II shall form the part of the sample collected.

### 2.4 **COLLECTION OF SAMPLES FROM CONVEYOR BELT/ROPEWAYS/PIPELINES**

- a) Samples will be taken lot-wise as per Clause 5.6.1(c).
- b) The sample shall be collected in increments of full cross section and thickness of the stream in one operation in a regular interval of time as mutually decided by both Seller and Purchaser and lot shall consist of samples so collected during a day i.e. 0.00 Hr to 0.00 Hr. of the following day.
- c) Before collecting the increments, the speed of the conveyer belt/ropeways/pipelines and quantum of material passing a certain point in a given time shall be ascertained so that an appropriate spacing of time between increments may be arranged over the whole of the lot.
- d) In case of supply through conveyor belt, if it is practicable to stop the belt periodically, increment may be collected from the whole cross section of the stream by sweeping the whole of the Coal lying between the sides of a suitable frame placed across the belt. The frame should be inserted in the Coal until it is in contact with the belt across its full width. If it is not possible, then sample is to be collected from falling stream of the belt at a suitable transfer point where coal is being released from one point to other.



- e) Minimum 150 kgs of samples to be collected for daily gross sample.
- f) Any stone/shale of size more than that indicated in Schedule II shall be removed/discarded, however all stone/shale of size as mentioned in Schedule II shall form the part of the sample collected.

## 2.5 COLLECTION OF SAMPLES FROM STOCKPILE

- a) For the purpose of sampling, a lot shall comprise of sub-lots as set out in point 2.5b) below.
- b) The quantity of Coal in the stock pile shall be divided into a suitable manner of sub-lots as specified in the following table:

Approximate quantity of the stock pile (MT)	No. of Sub-lots
Up to 500	2
501 to 1000	3
1001 to 2000	4
2001 to 3000	5
Over 3000	6

- c) The surface of each sub-lot shall be leveled and one point for approximately every 250 MT of material in the sub-lots shall be chosen at random for taking gross sample as per the following procedure:
  - (i) In case height of the stockpile is not more than 1.5 metre, the material shall be collected at every selected point by taking the whole section of Coal from top to bottom over the area of a circle of 30 cm diameter.
  - (ii) In case the height of the stock pile is more than 1.5 metre, the sample shall be collected at every selected point by taking the material over an area of a circle of 30 cm diameter and up to a depth of 1.5 metre.
- d) Any stone/shale of size more than that indicated in Schedule II shall be removed/discarded, however all stone/shale of size as mentioned in Schedule II shall form the part of the sample collected.

## 2.6 PREPARATION OF COLLECTED SAMPLES:

- a) The gross sample collected at the loading end by the TPA will be divided into two portions. One portion (one fourth of the gross sample) called Part – 1 will be used for analysis of Total Moisture and the other portion (three fourth of the gross sample) called Part – 2 for determination of ash, moisture and GCV on Equilibrated Basis.
- b) The Part-2 Sample shall be reduced into laboratory sample either manually or mechanically or a combination of these two methods. The final laboratory samples will be divided into four parts viz. Set – I, Set – II, Set – III and Set – IV as per point 2.1k).

Further preparation of sample is to be done as per latest version of IS 436 (Part I-Sec. II)-1976.

3. **Analysis of sample(s)**

Analysis of sample(s) is to be done as per latest version of IS 1350 (Part-I)-1984 for determination of Total Moisture, Equilibrated Moisture, Ash and Volatile Matter and GCV as per latest version of IS 1350 (Part-II), 1970.