



**TNB FUEL SERVICES SDN. BHD.**

(a wholly owned subsidiary of Tenaga Nasional Berhad)

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND FOR  
TNB FUEL SERVICES SDN. BHD.  
MALAYSIA**

**TNBF NO. PQ 02/21**

**SUBMISSION DOCUMENT**

**LAST DAY OF SUBMISSION:**

**11.59 PM (KL TIME), 31 DECEMBER 2021**

Applicants shall submit document online via <https://tnbfebid.com/>

TNBF reserves the right not to evaluate the submission (NULL and VOID) if the submission document received is incomplete in part or in full.

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND  
FOR TNB FUEL SERVICES SDN. BHD.  
TNBF NO. PQ 02/21**

**DOCUMENTS TO BE SUBMITTED**

1. SCHEDULE A – COAL QUALITY DATA
2. SCHEDULE B – APPLICANT'S AND CONTRACTING PARTY DETAILS
3. SCHEDULE C – MINE PROFILE
4. SCHEDULE D – LOADING PORT DETAILS
5. SCHEDULE E – ADDITIONAL INFORMATION (FOR INTERNATIONAL TRADERS ONLY)
6. SCHEDULE F – CHECKLIST

Name:

Signature:

Position:

Company Stamp:

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND  
FOR TNB FUEL SERVICES SDN. BHD.  
TNBF NO. PQ 02/21**

**SCHEDULE A – COAL QUALITY DATA**

**COAL BLEND / COAL BRAND NAME:** \_\_\_\_\_

**LOAD PORT:** \_\_\_\_\_ **MINE NAME/S:** \_\_\_\_\_

| REJECTION LIMIT PARAMETER               | UNITS   | BASIS   | PROPERTY | VALUE |
|---|---------|---------|----------|-------|
| Calorific Value (Gross Calorific Value) | Kcal/kg | AR      | Min      |       |
| Total Moisture                          | %       | AR      | Max      |       |
| Ash                                     | %       | AR      | Max      |       |
| Total Sulphur                           | %       | AR      | Max      |       |
| Volatile Matter                         | %       | AR      | Min      |       |
| Volatile Matter                         | %       | ADB     | Min      |       |
| Fuel Ratio                              | -       | -       | Max      |       |
| HGI                                     | -       | -       | Min      |       |
| AFT Initial Deformation                 | ° C     | Red Atm | Min      |       |
| Sizing (>50 mm)                         | %       | AR      | Max      |       |
| Sizing (<3 mm)                          | %       | AR      | Max      |       |
| Sizing (<2 mm)                          | %       | AR      | Max      |       |

| PROPERTY (As Received Basis) | UNITS   | BASIS | TYPICAL | MIN | MAX |
|------------------------------|---------|-------|---------|-----|-----|
| Calorific Value              | Kcal/kg | AR    |         |     |     |
| Total Moisture               | %       | AR    |         |     |     |
| Surface Moisture             | %       | AR    |         |     |     |
| Ash                          | %       | AR    |         |     |     |
| Volatile Matter              | %       | AR    |         |     |     |
| Total Sulphur                | %       | AR    |         |     |     |
| Sodium in Ash                | %       | AR    |         |     |     |
| Fuel Ratio                   | -       | -     |         |     |     |

| PROXIMATE ANALYSIS (Air Dried Basis) | UNITS   | BASIS | TYPICAL | MIN | MAX |
|--------------------------------------|---------|-------|---------|-----|-----|
| Calorific Value                      | Kcal/kg | ADB   |         |     |     |
| Moisture                             | %       | ADB   |         |     |     |
| Ash                                  | %       | ADB   |         |     |     |
| Volatile Matter                      | %       | ADB   |         |     |     |
| Fixed Carbon                         | %       | ADB   |         |     |     |
| Total Sulphur                        | %       | ADB   |         |     |     |

| ULTIMATE ANALYSIS (Dry Ash Free) | UNITS | BASIS | TYPICAL | MIN | MAX |
|----------------------------------|-------|-------|---------|-----|-----|
| Carbon                           | %     | DAF   |         |     |     |
| Hydrogen                         | %     | DAF   |         |     |     |
| Nitrogen                         | %     | DAF   |         |     |     |
| Sulphur                          | %     | DAF   |         |     |     |
| Oxygen                           | %     | DAF   |         |     |     |

Name:

Signature:

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Company Stamp:

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND  
FOR TNB FUEL SERVICES SDN. BHD.  
TNBF NO. PQ 02/21**

**SCHEDULE A – COAL QUALITY DATA**

**COAL BLEND / COAL BRAND NAME:** \_\_\_\_\_

**LOAD PORT:** \_\_\_\_\_ **MINE NAME/S:** \_\_\_\_\_

| <b>ULTIMATE ANALYSIS (Air Dried Basis)</b> | <b>UNITS</b> | <b>BASIS</b> | <b>TYPICAL</b> | <b>MIN</b> | <b>MAX</b> |
|--|--------------|--------------|----------------|------------|------------|
| Carbon                                     | %            | ADB          |                |            |            |
| Hydrogen                                   | %            | ADB          |                |            |            |
| Nitrogen                                   | %            | ADB          |                |            |            |
| Sulphur                                    | %            | ADB          |                |            |            |
| Oxygen                                     | %            | ADB          |                |            |            |
| Ash  | %            | ADB          |                |            |            |
| Inherent Moisture                          | %            | ADB          |                |            |            |

| <b>ULTIMATE ANALYSIS (As Received)</b> | <b>UNITS</b> | <b>BASIS</b> | <b>TYPICAL</b> | <b>MIN</b> | <b>MAX</b> |
|--|--------------|--------------|----------------|------------|------------|
| Carbon                                 | %            | AR           |                |            |            |
| Hydrogen                               | %            | AR           |                |            |            |
| Nitrogen                               | %            | AR           |                |            |            |
| Sulphur                                | %            | AR           |                |            |            |
| Oxygen                                 | %            | AR           |                |            |            |
| Ash                                    | %            | AR           |                |            |            |
| Total Moisture                         | %            | AR           |                |            |            |

| <b>ULTIMATE ANALYSIS (Dry Basis)</b> | <b>UNITS</b> | <b>BASIS</b> | <b>TYPICAL</b> | <b>MIN</b> | <b>MAX</b> |
|--------------------------------------|--------------|--------------|----------------|------------|------------|
| Carbon                               | %            | DB           |                |            |            |
| Hydrogen                             | %            | DB           |                |            |            |
| Nitrogen                             | %            | DB           |                |            |            |
| Sulphur                              | %            | DB           |                |            |            |
| Oxygen                               | %            | DB           |                |            |            |
| Ash                                  | %            | DB           |                |            |            |

| <b>ASH FUSION TEMPERATURE (Reducing Atmosphere)</b> | <b>UNITS</b> | <b>TYPICAL</b> | <b>MIN</b> | <b>MAX</b> |
|---|--------------|----------------|------------|------------|
| Initial Deformation                                 | ° C          |                |            |            |
| Softening   | ° C          |                |            |            |
| Hemispherical Deformation                           | ° C          |                |            |            |
| Flow  | ° C          |                |            |            |

Name:

Signature:

Position:

Company Stamp:

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND  
FOR TNB FUEL SERVICES SDN. BHD.  
TNBF NO. PQ 02/21**

**SCHEDULE A – COAL QUALITY DATA**

**COAL BLEND / COAL BRAND NAME:** \_\_\_\_\_

**LOAD PORT:** \_\_\_\_\_ **MINE NAME/S:** \_\_\_\_\_

| <b>ASH FUSION TEMPERATURE (Oxidizing Atmosphere)</b> | <b>UNITS</b> | <b>TYPICAL</b> | <b>MIN</b> | <b>MAX</b> |
|--|--------------|----------------|------------|------------|
| Initial Deformation                                  | ° C          |                |            |            |
| Softening  | ° C          |                |            |            |
| Hemispherical Deformation                            | ° C          |                |            |            |
| Flow   | ° C          |                |            |            |

| <b>PHYSICAL PROPERTIES</b>   | <b>UNITS</b> | <b>TYPICAL</b> | <b>MIN</b> | <b>MAX</b> |
|------------------------------|--------------|----------------|------------|------------|
| Hardgrove Grindability Index | -            |                |            |            |

| <b>SIZE DISTRIBUTION</b> | <b>UNITS</b> | <b>TYPICAL</b> | <b>MIN</b> | <b>MAX</b> |
|--------------------------|--------------|----------------|------------|------------|
| > 50 mm                  | %            |                |            |            |
| < 3 mm                   | %            |                |            |            |
| < 2 mm                   | %            |                |            |            |

| <b>ASH ANALYSIS PROPERTY (Dry Basis)</b> | <b>UNITS</b> | <b>BASIS</b> | <b>TYPICAL</b> | <b>MIN</b> | <b>MAX</b> |
|--|--------------|--------------|----------------|------------|------------|
| SiO <sub>2</sub>                         | %            | DB           |                |            |            |
| Al <sub>2</sub> O <sub>3</sub>           | %            | DB           |                |            |            |
| Fe <sub>2</sub> O <sub>3</sub>           | %            | DB           |                |            |            |
| CaO                                      | %            | DB           |                |            |            |
| MgO                                      | %            | DB           |                |            |            |
| Na <sub>2</sub> O                        | %            | DB           |                |            |            |
| K <sub>2</sub> O                         | %            | DB           |                |            |            |
| TiO <sub>2</sub>                         | %            | DB           |                |            |            |
| Mn <sub>2</sub> O <sub>3</sub>           | %            | DB           |                |            |            |
| Mn <sub>3</sub> O <sub>4</sub>           | %            | DB           |                |            |            |
| SO <sub>3</sub>                          | %            | DB           |                |            |            |
| P <sub>2</sub> O <sub>5</sub>            | %            | DB           |                |            |            |

Name:

Signature:

Position:

Company Stamp:

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND  
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TNBF NO. PQ 02/21**

**SCHEDULE A – COAL QUALITY DATA**

**COAL BLEND / COAL BRAND NAME:** \_\_\_\_\_

**LOAD PORT:** \_\_\_\_\_ **MINE NAME/S:** \_\_\_\_\_

| Trace Elements in Coal (Dry Basis) | UNITS | BASIS | MAX |
|------------------------------------|-------|-------|-----|
| Arsenic                            | ppm   | DB    |     |
| Boron                              | ppm   | DB    |     |
| Barium                             | ppm   | DB    |     |
| Beryllium                          | ppm   | DB    |     |
| Cadmium                            | ppm   | DB    |     |
| Cobalt                             | ppm   | DB    |     |
| Chromium                           | ppm   | DB    |     |
| Chlorine                           | ppm   | DB    |     |
| Copper                             | ppm   | DB    |     |
| Fluorine                           | ppm   | DB    |     |
| Mercury                            | ppm   | DB    |     |
| Lithium                            | ppm   | DB    |     |
| Manganese                          | ppm   | DB    |     |
| Molybdenum                         | ppm   | DB    |     |
| Nickel                             | ppm   | DB    |     |
| Lead                               | ppm   | DB    |     |
| Phosphorus                         | ppm   | DB    |     |
| Silver                             | ppm   | DB    |     |
| Selenium                           | ppm   | DB    |     |
| Tin                                | ppm   | DB    |     |
| Strontium                          | ppm   | DB    |     |
| Uranium                            | ppm   | DB    |     |
| Vanadium                           | ppm   | DB    |     |
| Zinc                               | ppm   | DB    |     |

Note 1:      1.0 Kcal = 4.1868 kJ                      ADB = Air Dried Basis  
                   1.0 Btu = Kcal/kg x 1.8 lb.              DAF = Dry Ash Free  
                   AR = As Received Basis                  DMMF = Dry Mineral Matter Free  
                   DB = Dry Basis                                      PPM = Parts per million

Note 2: All properties based on ISO test methods.

**Disclaimer:**

**TNBF reserves the right to withdraw any tender submissions that it is found to be non-compliant to Pre-qualified coal quality specifications.**

Name:

Signature:

Position:

Company Stamp:

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND  
FOR TNB FUEL SERVICES SDN. BHD.  
TNBF NO. PQ 02/21**

**SCHEDULE B – APPLICANT’S AND CONTRACTING PARTY DETAILS**

**1. APPLICANT’S DETAILS**

a. Applicant Name: \_\_\_\_\_

b. Address: \_\_\_\_\_

c. Contact Person (**for Tender Invitation**):

Name: \_\_\_\_\_  
 Designation: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_  
 Fax Number: \_\_\_\_\_  
 Email Address: \_\_\_\_\_

Name: \_\_\_\_\_  
 Designation: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_  
 Fax Number: \_\_\_\_\_  
 Email Address: \_\_\_\_\_

d. The applicant must specify their business relationships of **ALL RELEVANT PARTIES** in the supply chain in the following table:

| Role                    | Company Name<br>(Please fill in below) | Example                      |
|-------------------------|--|------------------------------|
| Mine Owner              |  | PT Westin                    |
| Producer                |  | PT Westin                    |
| Joint Venture           |  | N/A                          |
| Marketing Arm           |  | N/A                          |
| International Trader    |  | N/A                          |
| Agent                   |  | Berry Sdn Bhd<br>(Applicant) |
| Others (Please specify) |  | N/A                          |

**2. APPLICANT’S PAID UP CAPITAL:**

\_\_\_\_\_

Name:

Signature:

Position:

Company Stamp:

**3. CONTRACTING PARTY'S DETAILS**

(for other than Mine Owner, Producer or International Trader)

a. Contracting Party Name : .....

b. Contracting Party Address: .....

c. Contact Person (for Contract Purpose):

Name : .....  
 Designation: .....  
 Phone Number: .....  
 Fax Number: .....  
 Email Address: .....

Name : .....  
 Designation: .....  
 Phone Number: .....  
 Fax Number: .....  
 Email Address: .....

**Disclaimer:**

Upon successful tender submission, the contract will be issued to the contracting Party only, not to the Applicant, unless the Applicant is **Mine Owner, Producer or International Trader**.

**4. SHAREHOLDING DETAILS EVIDENCING CONTROL OVER THE MINE**

| No. | Name of Shareholders | (%) Stake in the Mine | (%) Controlling Stake to Produce, Blend, Sell, Trade, Export etc. of the mine's coal (please specify) |
|-----|----------------------|-----------------------|---|
|     |                      |                       |   |

\*Please furnish copy of undertaking letter by Mine Owner or Producer defining the relationship with the Applicant, agreements, contracts, details of company structure, ownership details, audited annual reports, company brochures and other information deemed relevant. This information to be attached as **Schedule F (a)**

Name:

Signature:

Position:

Company Stamp:



**5. MINING PERMIT DETAILS BASED ON THE RELEVANT GOVERNMENT AUTHORITY**  
 (Mining Lease; Coal Contract of Work; *Izin Usaha Pertambangan Operasi Produksi*; *Perjanjian Karya Pengusahaan Pertambangan Batubara* and etc.)

| No. | Name of Permit | Serial No. | Validity Duration (Start / End) |
|-----|----------------|------------|---------------------------------|
|     |                |            |                                 |

**5.1. Blending Permit Details based on Relevant Government Authority** (*Izin Usaha Pertambangan Operasi Produksi Khusus untuk Pengolahan dan Pemurnian, Persetujuan Izin Blending, Persetujuan Pencampuran Batubara PT... Dengan PT ...* and etc.)

| No. | Name of Permit | Serial No. | Validity Duration (Start / End) | Approval to Blend coal from which mine concession(s) |
|-----|----------------|------------|---------------------------------|--|
|     |                |            |                                 |  |

**5.2. Trading Permit Details based on Relevant Government Authority** (*Izin Usaha Pertambangan Operasi Produksi Khusus untuk Pengangkutan dan Penjualan* and etc.)

| No. | Name of Permit | Serial No. | Validity Duration (Start / End) | Approval to Trade coal from which mine concession(s) |
|-----|----------------|------------|---------------------------------|--|
|     |                |            |                                 |  |

Name:

Signature:

Position:

Company Stamp:

**5.3. Export Permit Details based on the Relevant Government Authority (Eksportir Terdaftar and etc.)**

| No. | Name of Permit | Serial No. | Validity Duration (Start / End) | Approval to Export coal from which mine concession(s) |
|-----|----------------|------------|---------------------------------|---|
|     |                |            |                                 |   |

\*Please furnish a letter on your company letterhead affirming that you hold the rights granted by the relevant Authorities to produce, blend, trade, sell and export coal from mine(s) as stated in this document. This information to be attached as **Schedule F (b)**.

**6. MINING CONTRACTOR DETAILS**

| No. | Name of Contractor | Contract Duration | Validity Duration (Start / End) | Contract Tonnage |
|-----|--------------------|-------------------|---------------------------------|------------------|
|     |                    |                   |                                 |                  |

**7. CUSTOMER DETAILS**

Please specify the top 3 customers for 2020, 2019 and 2018 (with reference to the tonnage sold)

7.1 Year 2020

| No. | Customer's Name | Power Plant | Country | Quantity (mt) | Contract Duration (Start / End) |
|-----|-----------------|-------------|---------|---------------|---------------------------------|
|     |                 |             |         |               |                                 |
|     |                 |             |         |               |                                 |
|     |                 |             |         |               |                                 |

Name:

Signature:

Position:

Company Stamp:

7.2 Year 2019

| No. | Customer's Name | Power Plant | Country | Quantity (mt) | Contract Duration (Start / End) |
|-----|-----------------|-------------|---------|---------------|---------------------------------|
|     |                 |             |         |               |                                 |
|     |                 |             |         |               |                                 |
|     |                 |             |         |               |                                 |

7.3 Year 2018

| No. | Customer's Name | Power Plant | Country | Quantity (mt) | Contract Duration (Start / End) |
|-----|-----------------|-------------|---------|---------------|---------------------------------|
|     |                 |             |         |               |                                 |
|     |                 |             |         |               |                                 |
|     |                 |             |         |               |                                 |

**8. CONTRACT DETAILS WITH TNBF (past / present if any)**

| No. | Contract No. | Country | Quantity (mt) | Contract Duration (Start / End) |
|-----|--------------|---------|---------------|---------------------------------|
|     |              |         |               |                                 |

Name:

Signature:

Position:

Company Stamp:

**9. Bill of Ladings for Handymax, Panamax and Capesize shipments, Certificate of Sampling and Analysis, Certificate of Origin and its Relevant *Laporan Surveyor Ekspor* (For Indonesian Shipment).**

| No. | Mother Vessel Name | BL Date | Customer | COSA (Please tick) | COO (Please tick) | Laporan Surveyor Ekspor (Please tick) |
|-----|--------------------|---------|----------|--------------------|-------------------|---------------------------------------|
| 1   |                    |         |          |                    |                   |                                       |
| 2   |                    |         |          |                    |                   |                                       |
| 3   |                    |         |          |                    |                   |                                       |

\*Please attach copies of 3 latest Bill of Ladings, its 3 respective Certificate of Sampling and Analysis, its 3 respective Certificate of Origin and its 3 respective *Laporan Surveyor* (if applicable) for the Coal Blend / Coal Brand offered in Schedule A. This information to be attached as **Schedule F (c)**.

FOR REFERENCE ONLY

Name:

Signature:

Position:

Company Stamp:

**10. Summary of previous 3 shipments. Please tick (√)  
 – For Indonesian coal shipment only.**

| No | Shipments | BL Mother Vessel | BL Barge | COSA Mother Vessel | COSA Barge | COO Mother Vessel | SKAB Barge | LS Mother Vessel |
|----|-----------|------------------|----------|--------------------|------------|-------------------|------------|------------------|
| 1  | MV        |                  |          |                    |            |                   |            |                  |
|    | BG 1      |                  |          |                    |            |                   |            |                  |
|    | BG 2      |                  |          |                    |            |                   |            |                  |
|    | BG 3      |                  |          |                    |            |                   |            |                  |
|    | BG 4      |                  |          |                    |            |                   |            |                  |
|    | BG 5      |                  |          |                    |            |                   |            |                  |
|    | BG 6      |                  |          |                    |            |                   |            |                  |
|    | BG 7      |                  |          |                    |            |                   |            |                  |
|    | BG 8      |                  |          |                    |            |                   |            |                  |
|    | BG 9      |                  |          |                    |            |                   |            |                  |
| 2  | MV        |                  |          |                    |            |                   |            |                  |
|    | BG 1      |                  |          |                    |            |                   |            |                  |
|    | BG 2      |                  |          |                    |            |                   |            |                  |
|    | BG 3      |                  |          |                    |            |                   |            |                  |
|    | BG 4      |                  |          |                    |            |                   |            |                  |
|    | BG 5      |                  |          |                    |            |                   |            |                  |
|    | BG 6      |                  |          |                    |            |                   |            |                  |
|    | BG 7      |                  |          |                    |            |                   |            |                  |
|    | BG 8      |                  |          |                    |            |                   |            |                  |
|    | BG 9      |                  |          |                    |            |                   |            |                  |
| 3  | MV        |                  |          |                    |            |                   |            |                  |
|    | BG 1      |                  |          |                    |            |                   |            |                  |
|    | BG 2      |                  |          |                    |            |                   |            |                  |
|    | BG 3      |                  |          |                    |            |                   |            |                  |
|    | BG 4      |                  |          |                    |            |                   |            |                  |
|    | BG 5      |                  |          |                    |            |                   |            |                  |
|    | BG 6      |                  |          |                    |            |                   |            |                  |
|    | BG 7      |                  |          |                    |            |                   |            |                  |
|    | BG 8      |                  |          |                    |            |                   |            |                  |
|    | BG 9      |                  |          |                    |            |                   |            |                  |

\*For coal originating from Indonesia, where coal has been loaded by barges, please attach the breakdown of the 3 shipments mentioned in **Schedule B Item 8**. The total barge tonnage must be equivalent to the Mother Vessel Bill of Lading.

Name:

Signature:

Position:

Company Stamp:

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND  
FOR TNB FUEL SERVICES SDN. BHD.  
TNBF NO. PQ 02/21**

**SCHEDULE C- MINE PROFILE FOR COAL BLEND / COAL BRAND SUBMITTED IN  
SCHEDULE A**

**1. Coal Reserves Data for Coal Blend / Coal Brand Proposed**

| Item                          | Mine Concession 1 | Mine Concession 2<br>(For blended coal only) |
|-------------------------------|-------------------|--|
| Probable Reserve (mt)         |                   |  |
| Proved Reserve (mt)           |                   |  |
| Estimated Remaining Mine Life |                   |  |

\*Please furnish the Coal Mine concession/geological survey on the coal resources, reserve, quality etc. based on International Standards report i.e. Joint Ore Reserves Committee Code (JORC Code), South African Code for the Reporting of Mineral Resources and Mineral Reserves (SAMREC), Standard National Indonesia (SNI) or equivalent. This information to be attached as **Schedule F (d)**

**2. Mine Details**

| Item  | Mine Concession 1    | Mine Concession 2<br>(For blended coal only) |
|---|----------------------|--|
| Mine Address  |                      |  |
| Mine Name   |                      |  |
| Mine Owner  |                      |  |
| Commencement Date of Mine   |                      |  |
| Remaining Mine Life   |                      |  |
| Blending Proportion (%) – if any  |                      |  |
| Production Rate (mt/day)  |                      |  |
| Mine Coordinate(s)  |                      |  |
| ROM Stockpile Capacity  |                      |  |
| Coal Spray or Dust Suppressant  | Yes or No            | Yes or No                                    |
| Mine & Geology Maps   | <b>Please attach</b> | <b>Please attach</b>                         |
| Pits reserve for TNBF <ul style="list-style-type: none"> <li>• Name</li> <li>• No of pit</li> </ul> |                      |  |
| Strip Ratio   |                      |  |

Name:

Signature:

Position:

Company Stamp:

|                                  |                      |                      |
|----------------------------------|----------------------|----------------------|
| No of seams in mining            |                      |                      |
| Seams thickness                  |                      |                      |
| Seams direction and angle of dip |                      |                      |
| Overburden strata (3D)           | <b>Please attach</b> | <b>Please attach</b> |
| Number of crusher (Mine / Port)  |                      |                      |

### 3. Coal Quality Data (For Blended Coal)

| Item | Property              | Basis               | Unit    |     | Limit Value                |                            |
|------|-----------------------|---------------------|---------|-----|----------------------------|----------------------------|
|      |                       |                     |         |     | Coal for Mine Concession 1 | Coal for Mine Concession 2 |
| 1    | Gross Calorific Value | As Received         | Kcal/kg | Min |                            |                            |
| 2    | Total Moisture        | As Received         | %       | Max |                            |                            |
| 3    | Ash Contents          | As Received         | %       | Max |                            |                            |
| 4    | Total Sulfur          | As Received         | %       | Max |                            |                            |
| 5    | Volatile Matter       | As Received         | %       | Min |                            |                            |
| 6    | HGI                   | -                   | -       | Min |                            |                            |
| 7    | AFT (IDT)             | Reducing Atmosphere | °C      | Min |                            |                            |

\*Please add additional attachments if coal blended from more than 2 Mine Concessions.

### 4. Washing Method

| Unwashed (%) | Washed (%) |
|--------------|------------|
|              |            |

\*Please furnish details on the washing facilities and other information deemed relevant. This information to be attached as **Schedule F (e)**

### 5. Production Details

#### 5.1 Past Production

##### 5.1.1 Year 2018 - 2020

| Year | Total Production (mt) | Export Sales (mt) | Domestic Sales (mt) |
|------|-----------------------|-------------------|---------------------|
| 2018 |                       |                   |                     |
| 2019 |                       |                   |                     |
| 2020 |                       |                   |                     |

Name:

Signature:

Position:

Company Stamp:

**5.2 Production Forecast**

5.2.1 Year 2021 - 2024

| Year | Total Production (mt) | Export Sales (mt) | Domestic Sales (mt) |
|------|-----------------------|-------------------|---------------------|
| 2021 |                       |                   |                     |
| 2022 |                       |                   |                     |
| 2023 |                       |                   |                     |
| 2024 |                       |                   |                     |

\*Please furnish details on the mine expansion programs and other information deemed relevant. This information to be attached as **Schedule F (i)**

**6. Mining Method** (please tick)

| Open Cut                 |                                  | Underground              |                                  |
|--------------------------|----------------------------------|--------------------------|----------------------------------|
| <input type="checkbox"/> | Drag Line                        | <input type="checkbox"/> | Long Wall                        |
| <input type="checkbox"/> | Truck and Shovel                 | <input type="checkbox"/> | Room and Pillar                  |
| <input type="checkbox"/> | Others (Please specify)<br>..... | <input type="checkbox"/> | Others (Please specify)<br>..... |

**7. Mine Logistic Details**

| Distance<br>(Mine to Load<br>Port / km) | Capacity of Inland<br>Transportation<br>(mt / year) | Mode of Transportation (please tick) |          |       |       |                               |
|---|---|--------------------------------------|----------|-------|-------|-------------------------------|
|   |   | Truck                                | Conveyor | Train | Barge | Others<br>(please<br>specify) |
|   |   |                                      |          |       |       |                               |

\*Please furnish details on the transportation facilities from mine to port and other information deemed relevant. This information to be attached as **Schedule F (g)**

**8. Laboratory**

**8.1 Coal Sampling Practice at Mine Site** (please tick)

| Own Lab | Independent Inspection Companies (If √, please specify name ) |
|---------|---|
|         |   |

Name:

Signature:

Position:

Company Stamp:



**8.2 Coal Quality Parameters Monitored** (please tick)

| Heating Value | Total Moisture | Ash Content | Sulphur Content | Volatile matter | Others (please specify) |
|---------------|----------------|-------------|-----------------|-----------------|-------------------------|
|               |                |             |                 |                 |                         |

\*Please furnish details of the sampling done at each of the key logistic points from the mine to the load port, sampling equipment (manual / automatic) used by the above quality inspection companies and other information deemed relevant. This information to be attached as **Schedule F**

FOR REFERENCE ONLY

Name:

Signature:

Position:

Company Stamp:

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND  
FOR TNB FUEL SERVICES SDN. BHD.  
TNBF NO. PQ 02/21**

**SCHEDULE D – LOADING PORTS DETAILS FOR COAL BLEND / COAL BRAND  
SUBMITTED IN SCHEDULE A**

**NAME OF VESSEL LOADING PORT:** .....

|   |   |  |      |
|---|---|--|------|
| Facility  |   |  |      |
| Drafts at low water (m)   |   |  |      |
| • Entrance Channel  |   |  |      |
| • Approach Channel  |   |  |      |
| • Berth   |   |  |      |
| • SWAD (Saltwater Arrival Draft)  |   |  |      |
| • Tidal Range   |   |  |      |
| • MWHS (Mean High Water Spring)   |   |  |      |
| • MWHN (Mean High Water Neap)   |   |  |      |
| Vessel Restrictions<br>Length Overall<br>Beam<br>Airdraft                               |   |  |      |
| Max. Vessel Size<br>(Fully laden in DWT)  |   |  |      |
| Loading Facilities suitable for<br>(vessel type)  | Geared  | Gearless   | Both |
| Loading Equipment/Type  |   |  |      |
| Stockpile Capacity Available to Shipper   |   |  |      |
| Annual Capacity of Load Port  |   |  |      |
| Name of Independent Surveyor operating at<br>port (for weight and quality verification) |   |  |      |
| Loading Rate  |   |  |      |
| Vessel Size (dwt) or Cargo Loaded   | Loading Rate (tonne) per 24 hrs                   |  |      |
| 50,001 - 79,999<br>80,000 – 100,000<br>above 100,000                                    |   |  |      |
| Despatch / Demurrage Rate   |   |  |      |
| Vessel Size (dwt)   | Despatch per 24 hrs in<br>USD (pro-rata for part) | Demurrage per 24hrs<br>in USD (pro-rata for<br>part) |      |
| 50,001 - 79,999<br>80,000 – 100,000<br>above 100,000                                    | <i>As per Charter Party</i>                       | <i>As per Charter Party</i>                          |      |

\*Please furnish details on the future port expansion and infrastructure improvements programs (if any) and other information deemed relevant. This information to be attached as **Schedule F (i)**

Name:

Signature:

Position:

Company Stamp:

**BARGE LOADING POINT DETAILS FOR COAL BLEND / COAL BRAND SUBMITTED IN SCHEDULE A (IF APPLICABLE)** \*Please cancel whichever irrelevant

**Jetty 1**

|   |                     |
|---|---------------------|
| 1. Barge Loading Point Owner:   |                     |
| 2. Location:  |                     |
| 3. Ownership*:  | Public or Private   |
| 4. Conveyor Belt Facilities*:   | Yes or No           |
| 5. Barge size (DWT and draft)   |                     |
| 6. Barge Loading Rate (mt/hr):  |                     |
| 7. Barge Stockpile Capacity (mt):   |                     |
| 8. Turnaround time: <ul style="list-style-type: none"> <li>▪ Full Load</li> <li>▪ Without Load</li> </ul> |                     |
| 9. Approaching channel Constraint(s):   |                     |
| 10. Blending Facility*:   | Yes or No           |
| 11. Sampling*:  | Automatic or Manual |
| 12. No of Magnet / Metal Detectors  |                     |

**Jetty 2 (For blended coal loaded from a different source)**

|   |                     |
|---|---------------------|
| 1. Barge Loading Point Owner:   |                     |
| 2. Location:  |                     |
| 3. Ownership*:  | Public or Private   |
| 4. Conveyor Belt Facilities*:   | Yes or No           |
| 5. Barge size (DWT and draft)   |                     |
| 6. Barge Loading Rate (mt/hr):  |                     |
| 7. Barge Stockpile Capacity (mt):   |                     |
| 8. Turnaround time: <ul style="list-style-type: none"> <li>▪ Full Load</li> <li>▪ Without Load</li> </ul> |                     |
| 9. Approaching channel Constraint(s):   |                     |
| 10. Blending Facility*:   | Yes or No           |
| 11. Sampling*:  | Automatic or Manual |
| 12. No of Magnet / Metal Detectors  |                     |

Name:

Signature:

Position:

Company Stamp:

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND  
FOR TNB FUEL SERVICES SDN. BHD.  
TNBF NO. PQ 02/21**

**SCHEDULE E – ADDITIONAL INFORMATION (FOR INTERNATIONAL TRADERS ONLY)**

**1. One Year Past Record**

Please fill up the details of the past 1 year records of information as requested in the table below (please use additional sheets of paper if necessary).

**2. Request for Documents**

Please furnish the following documents with reference to the list below:

- Copies of Bill of Lading
- Copies of Certificate of Sampling and Analysis

| No | Vessel Name | Coal Blend / Coal Brand & Country of Origin | Customer's Name & Country | Quantity (mt) | BL Date | Submission of                |  |
|----|-------------|---|---------------------------|---------------|---------|------------------------------|--|
|    |             |   |                           |               |         | Bill of Lading (please tick) | Certificate of Sampling and Analysis (please tick) |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |
|    |             |   |                           |               |         |                              |  |

Name:

Signature:

Position:

Company Stamp:

### 3. Summary of Total Tonnage Traded

| Year | Total Tonnage Traded (in million MT) | Total tonnage sourced from Indonesia (%) | Total tonnage sourced from Australia (%) | Total tonnage sourced from other countries (%) | Total |
|------|--------------------------------------|--|--|--|-------|
| 2020 |                                      |  |  |  | 100%  |
| 2019 |                                      |  |  |  | 100%  |
| 2018 |                                      |  |  |  | 100%  |

### 4. Back to Back Supply Contract Agreement

Availability of Back to Back Supply Contract Agreement with Mine Owner/s or Coal Producer/s for the Coal Blend / Coal Brand as offered in Schedule A. Please specify the name of the Mine Owner/s or Coal Producer/s.

| Availability of Back to Back Supply Agreement (Yes / No) | If Yes, please specify the Mine Owner or Coal Producer name |
|--|---|
|  |   |

\* Please furnish details on the back to back supply agreement(s) and other information deemed relevant. This information to be attached as **Schedule F (j)**

Name:

Signature:

Position:

Company Stamp:

**PRE-QUALIFICATION OF COAL BLEND / COAL BRAND  
FOR TNB FUEL SERVICES SDN. BHD.  
TNBF NO. PQ 02/21**

**SCHEDULE F – INFORMATION ON SOURCE OF COAL BLEND / COAL BRAND  
SUBMITTED IN SCHEDULE A**

| No. | Items  | √ / x |
|-----|--|-------|
| a.  | Undertaking letter by Mine Owner / Producer defining the relationship with the Applicant, agreements, contracts, details of company structure, ownership details, audited annual reports, company brochures and other information deemed relevant  |       |
| b.  | Letter on company letterhead affirming the rights granted by relevant Country Authority to produce, blend, trade, sell and export coal from the mine(s). Copies of the relevant permits, licenses or leases based on the Government regulatory requirement i.e. Mining Permit, Blending Permit, Trading Permit and Export Permit. <i>Please provide the supporting documents and translation if the documents are not in English or Indonesian language</i>  |       |
| c.  | Copies of 3 latest shipment Bill of Ladings for vessel / barge, its 3 respective Certificate of Sampling and Analysis, its 3 respective Certificate of Origin (COO) for the Coal Blend / Coal Brand proposed and for Indonesian shipments, its respective <i>Laporan Surveyor Ekspor</i> . For coal originating from Indonesia, where coal has been loaded by barges, please also attach the latest breakdown of the 3 shipments mentioned earlier. The Miners may submit the relevant 7 to 9 barges documentation and coal sources for complete full load of each Mother Vessel shipments |       |
| d.  | Coal Mine concession/geological survey on the coal resources, reserve, quality etc. based on International Standards report i.e. Joint Ore Reserves Committee Code (JORC Code), South African Code for the Reporting of Mineral Resources and Mineral Reserves (SAMREC), Standard National Indonesia (SNI) or equivalent   |       |
| e.  | Details on the washing facilities. If any  |       |
| f.  | Details on the mine expansion programs. If any   |       |
| g.  | Details on the transportation facilities from mine to port   |       |
| h.  | Details of the sampling done at each of the key logistic points from the mine to the load port, sampling equipment (manual / automatic) used by the quality inspection companies and other information deemed relevant   |       |
| i.  | Details on the future port expansion and infrastructure improvement programs (if any) and other information deemed relevant  |       |
| j.  | Details on the back to back supply agreement(s) and other information deemed relevant  |       |

Name:

Signature:

Position:

Company Stamp: