

## Tender for Supply of Imported Coal to WBPDC Power Plants

Ref No: WBPDC/DGM-FM/Import-IX/1689 dtd. 7.5.2010

Sealed Tenders in three part bidding system are invited from Public Sector Undertakings/Public Sector Enterprises only for supply of non-coking (steam) coal of Indonesian origin for different Power Stations of WBPDC. The three parts of the tender will be as follows:

- Part I - Earnest money
- Part II - Techno- Commercial bid
- Part III- Price bid

The tender for imported coal is to be submitted in three parts as per the details mentioned below:

1. **Pre-bid Discussion** -The bidder may submit in writing within 21.5.2010, the queries on the Tender Documents. Pre bid meeting will be held at the WBPDC Corporate office on 27.5.2010 at 15:00 hrs. In the Pre-bid meeting the points raised by bidder/ bidders or any other points required to be discussed further will be clarified by the WBPDC. The final resolutions of the meeting will be treated as an integrated part of the tender document which are to be treated as the binding to all the bidders.

2. **Submission of tender** - Sealed tender containing all Steps (Part-I, II & III) covering techno commercial part and price part is to be submitted within 11:30 Hr of 31.5.2010 in a single envelope superscribing the tender no, Description as mentioned below .

Tender shall be submitted as under

- Cover I -EMD / Bid Guarantee
- Cover II - Techno commercial offer without price and with acceptance to all the terms and conditions specified in the tender.
- Cover -III - Price bid

All the covers as mentioned above shall be individually sealed and superscribed as indicated and should be enclosed in main cover duly sealed and superscribed as

‘TENDER FOR SUPPLY OF IMPORTED COAL FOR WBPDC’ against WBPDC’s communication vide no. WBPDC/DGM-FM/Import-IX/1689 dtd. 7.5.2010 containing **Cover -I, Cover -II and Cover -III** in block letters.

Tender document should be signed by authorized representative of the company and a copy of power of attorney given to him has to be submitted along with the tender.

3. Part I of the tender (EMD) will be opened first on 31.5.2010 at 14:00 Hr. After opening of Part I, Part II of the tender for the qualified bidder will be opened on the same date, if Part I (EMD) is found to be in order. After scrutinizing Part II, Part III will be opened at a convenient date afterwards, with due intimation to the qualified bidder (s).

### **PART - I (EMD / Bid Guarantee)**

**Earnest Money** - Bidder(s) have to deposit **Rs 6 crore (Rupees six crore only) in the form of Bank Draft or Rs. 12 crore ( Rs. twelve crore) in the form of Bank Guarantee from any Nationalized Bank** drawn in favour of 'The West Bengal Power Development Corporation Limited'. The offer must accompany the Earnest Money as indicated, failing to which it will not be considered. EMD for unsuccessful bidders will be returned back without payment of any interest at earliest opportunity.

**Security Deposit:** Bank Guarantee in a prescribed format for Rs. 12 crore ( Rupees twelve crore) from any nationalized bank in favour of 'The West Bengal Power Development Corporation Limited' has to be submitted as security deposit for supplying total quantity of imported coal (i.e. **0.8 million metric ton**) after placement of order and before commencement of work by successful bidder. EMD for successful bidder will be released only after submission of said security deposit. This security deposit will be released after satisfactory completion of the work. The format for submitting the security deposit and amount will be conveyed at the time of placement of order.

### **PART - B (Techno-Commercial Bid)**

1. Coal quantity to be supplied - 0.8 million MT (Zero point eight million metric ton), Tolerance in Quantity will be  $\pm 5\%$ .
2. Period of supply - Six months from the date of placement of Letter of Intent
3. Important information about power stations under WBPDCCL;
  - a. Kolaghat Thermal Power Station (KTPS): P.O. Mecheda , Purba Midpore, West Bengal - 721 137 (Nearest Railway Station -Mecheda),
  - b. Bakreswar Thermal Power Station (BkTPS) P.O. BkTPP, Birbhum, West Bengal -731104. Nearest railway station Chinpai
  - c. Bandel Thermal Power Station (BTPS): P.O Tribeni, Hoogly, West Bengal - 712 503 (Nearest Railway Station -Tribeni)
  - d. Santaldih Thermal Power Station (STPS): P.O. Santaldih, Purulia West Bengal - 723 146 (Nearest Railway Stn- Santaldih, SE Railway)
  - e. Sagardighi Thermal Power Project (SgTPP), P O Monigram, Dist Murshidabad West Bengal - 742 237 nearest railway station Monigram
4. Unloading Ports: Paradip, Haldia, Vizag, Gangavaram, Gopalpur

5. a. **Specification of Coal:**

1.	GCV(ADB)	:	5400 - 5700 Kcal/Kg
2.	Ash content (ADB)	:	5 - 15 %
3.	Total Moisture	:	13 - 15 %
4.	Inherent Moisture	:	6-10 %
5.	Volatile matter	:	25 - 38 %
6.	FC		By difference
7.	ADT	:	1250-1350 °C
8.	Sulphur Content (ADB)	:	0.4 - 0.8 %
9.	HGI	:	> 45

b. **Parameter for price basis**

- i. GCV (ADB) – 5550 Kcal/Kg
- ii. Total Moisture (ARB) – 14 %
- iii. Ash Content (ADB) – 10 %
- iv. Sulphur Content (ADB) – 0.8 %

c. Sampling and Analysis - Sampling and Analysis of coal for will be carried out by Companies of International repute deputed by WBPDC. Samples may be collected from Thermal Power Plants jointly for tests. If the supplier's representative is not present at the time of collecting the sample, the sample collected by WBPDC's representative will be sent for testing.

d. Inspection before Dispatch: - A team of Engineers/Officers of WBPDC may visit Indian Port as mentioned above to check the quality of coal. During the visit of the Engineers/Officers, the party shall have to produce all documents as required. Based upon the Clearance of the Engineers/Officers on their visit, material shall be dispatched. Before dispatch you have to obtain written clearance from DGM (Fuel Management), WBPDC or his representative if visit to port by WBPDC is suspended.

d. **Penalty or Conditions for deduction from payment**

Sample will be taken from each rake and the parameters like GCV, Ash Content, Total moisture, Sulphur content will be evaluated on the coal received at Thermal Power Stations. Any adverse deviation from the offered parameters will be penalized and payment on this ground will be deducted as mentioned below. **For finalization of payment the monthly weighted average value of each parameter mentioned below will be considered for a particular power plant.**

**i) Total Moisture (ARB) :**

There will be prorata reduction in weight for coal having total moisture (ARB) above 14% and additionally a penalty for every one percent (%) increase in moisture content above 16% will be @ Rs. 100/MT.

For example if the received coal is having Total Moisture content 18 %, then beside the weight reduction additionally a penalty will be levied in as below;

i.) There will be reduction of weight of  $18 - 14 = 4$  % of the net coal received.

ii.) @ Rs. 100/- per MT for every 1% rise in Total moisture above 16 %.

As per this, penalty will be  $18 - 16 = 2$  %

Hence, after the weight reduction for the coal received (having TM 18 %) the penalty deduction will be;

$2 \times 100 = \text{Rs. } 200/-$  per MT of effective weighment.

**If there is any weight reduction for TM, the payment and penalty will be calculated on the reduced weight.**

ii) **Gross Calorific Value (ADB) :**

The Gross calorific value of coal shall be 5500 K Cal/Kg. In case of coal with less calorific value, penalty shall be imposed @ Rs.100/- per MT for every 100 Kcal/kg reductions in GCV but up to 5300 Kcal/kg. For coal having GCV below 5300 Kcal/kg, the penalty shall be @ Rs.200/- per MT for fall of 100 Kcal/kg. Penalty shall be levied on prorata basis. No premium will be paid for GCV more than 5500 Kcal/Kg. The calculation for deduction will be as below;

Calculation of penalty for GCV (ADB) below 5500 Kcal/Kg:

The penalty for coal having GCV 5200 Kcal/kg will be levied in two slabs.

i) @ Rs.100/- per MT for every 100 Kcal/kg fall upto 5300 Kcal/kg

As per this, penalty for 5500-5300 = 200 Kcal/kg will be

$$\text{Rs. } \frac{200 \times 100}{100} = \text{Rs. } 200 \text{ per MT}$$

ii) @ Rs.200/- per MT for every 100 Kcal/kg fall from 5300 (excluding 5300) to 5200 Kcal/kg.

As per this, penalty for 5300-5200 = 100 Kcal/kg will be

$$\text{Rs. } \frac{100 \times 200}{100} = \text{Rs. } 200 \text{ per MT}$$

Hence, penalty deduction per MT for coal having GCV 5200 Kcal/kg will be:

$$= \text{Rs. } [(i) + (ii)]$$

$$= \text{Rs. } (200+200)$$

$$= \text{Rs. } 400 \text{ per MT}$$

iii) **Sulphur (ADB) :**

The sulphur content in the coal should be limited to 0.8 % and there will not be any penalty for sulphur content in the coal received upto 0.8 %. The penalty for sulphur content upto 0.9% shall be @ Rs.50/- per MT for every 0.1% rise and the same above 0.9% shall be @ Rs.150/- per MT for every 0.1% rise .

**It is to be noted that if the sulphur content exceed 0.9% for which WBPDCCL has to pay penalty for SOx emission above permissible limit that has to be borne by the party.**

Calculation of penalty for Sulphur Content (ADB) Above 0.8 %

Let the coal sample is having sulphur content of 1 %.

Thus the penalty for high sulphur will be levied in two slabs as below:

- i) @ Rs. 50/- per MT for every 0.1% rise in Sulphur upto 0.9%. As per this, penalty will be for 0.9 (-) 0.8 = 0.1 % = Rs.50/-
- ii) @ Rs. 150/- per MT for every 0.1% rise in Sulphur above 0.9%. As per this, penalty will be for 1.0 (-) 0.9 = 0.1% = Rs.150/-

Hence, penalty deduction per MT for coal received having Sulphur 1.0% the penalty will be;

$$\begin{aligned}
 &= \text{Rs. [(i) + (ii)]} \\
 &= \text{Rs. (50 + 150)} \\
 &= \text{Rs. 200 per MT}
 \end{aligned}$$

**iv) Ash content (ADB) :**

The Ash content in the coal should be limited to 10 % and there will not be any penalty for ash content in the coal received upto 10 %. The penalty for ash content upto 12 % shall be @ Rs.110/- per MT for every 1% rise and the same above 12 % shall be @ Rs.150/- per MT for every 1% rise .

Calculation of penalty for Ash Content (ADB) Above 10 %

Let the above coal sample is having ash content of 16 %. Thus the penalty for high Ash will be levied in two slabs as below:

- i.) @ Rs.110/- per MT for every 1% increase in ash content above 10% upto 12%. As per this penalty will be for 12 – 10 = 2% = 2 X Rs. 110/- = Rs. 220/- per MT
- ii.) @ Rs.150/- per MT for every 1% increase in ash content above 12%. As per this penalty will be for 16 – 12 = 4 % = 4 X Rs. 150/- = Rs. 600/- per MT

Hence, penalty deduction per MT for coal received having ash content 16 % the penalty will be;

$$\begin{aligned}
 &= \text{Rs. [(i) + (ii)]} \\
 &= \text{Rs. 220/- + Rs. 600/-} \\
 &= \text{Rs. 820/- per MT}
 \end{aligned}$$

6. **Weightment** - Weightment at Thermal Plant weighbridges or the RR weight whichever is lower will be considered as gross weight while the tare weight as indicated in RR will be considered. For determining the weight of received coal quantity, the difference between gross and tare weight will be considered. In case weighbridge at power station end is out of order, RR Weight will be considered for loaded wagons.

7. **Transit Loss:** Transit loss if any will be to the account of the supplier.

8. **Transport:** To be done by BOBR / 'N' Box wagons only suitable for unloading. However transport via BOBR wagons is preferable. All arrangements are to be made by you for transportation of Coal from Colliery or from loading point to power stations. Before arranging the rakes the supplier should check the Type of wagons suitable for unloading system of destination power station.

Boxes/Wagons are may be suitably covered by the supplier at their cost to avoid ingress of rain water or slippage of coal.

9. **Coal Property:** Should not be sticky and should be easily unloadable.

10. **Payment** - 60% payment will be made within 30 days on receipt of material at Thermal Power Stations and balance 40 % payment will be made after receiving the test certificates for the particular rake after making adjustment if any.

Payments will be made from WBPDCCL Corporate office. All invoices with relevant supporting authentic documents are to be submitted in triplicate to DGM(FM), WBPDCCL Corporate Office for necessary actions. Formula for determination of payment;

11. **Dispute:** - All disputes will be settled mutually by the supplier and WBPDCCL and if not settled, it will be settled under jurisdiction of High Court in Kolkata.
12. The tender papers are not transferable.
13. The tendered quantity of imported coal may have a split if found suitable for WBPDCCL. Every decision in this regard will remain the sole right of WBPDCCL.
14. WBPDCCL reserves right to accept/cancel any or all tenders without assigning any reason whatsoever. Details of the General Conditions of the work are available in the tender document and WBPDCCL is not necessarily bound to accept the lowest offer.

### **PART - C (Price Bid)**

Please quote your rate as per Parameter for price basis for supply and delivery of imported Coal to WBPDCCL

The following points are to be considered;

1.	Quantity of Coal	:	0.8 million ton
2.	Tolerance in Quantity	:	± 5 %

Plantwise quantity;

Sl No.	Description	KTPS	BKTPS	SgTPP	Total
1.	Tentative Quantity (MT)	A	B	C	<b>D</b>

A = 3,00,000 MT

B = 3,00,000 MT

C = 2,00,000 MT

1. Rate : To be quoted as follows (for supply of coal as per specifications)

2.	Break up for Rate per MT in Rupees	KTPS	BKTPS	SgTPP
a.	At load port including loading Basic Rate			
b.	Ocean Freight			
c.	Insurance Charges			
d.	Applicable CST if any			
e.	Applicable VAT if any			
f.	Other Statutory Duties and taxes if any (please specify)			
g.	Unloading at Port at India and Loading in Rakes			
h.	Freight upto TPS			
i.	Applicable taxes if any			
	<b>Landed cost at TPS</b>	<b>X</b>	<b>Y</b>	<b>Z</b>

- The rate to be considered for evaluation will be calculated as = D= Rs.  $\frac{AX + BY + CZ}{(A + B + C)}$
- For payment rate for the particular power plant will be considered.
- The quantity indicated for each power plant may vary.

2. Validity for bid- Bidder should give the declaration for validity of rate at least 90 days from the date of opening of bid.