

# Taiwan Power Company

## Announcement

Date: August 1, 2019

Invitation to Bid No. TPC10804-A

Taiwan Power Company intends to procure the following commodity through open tender. The firms including foreign coal mine owners, foreign coal producers, foreign and local agents and trading companies, if interested in this tender, may obtain from this company the bidding documents and submit their bids to this company on or before the time as specified hereunder.

A. Description of Commodity:

480,000 metric tons of bituminous coal for Taipower thermal power plant

B. Procurement Area:

The coal to be purchased by Taipower and delivered by a Bidder shall be supplied from Australia, Canada, Mainland China, South Africa, the United States and Venezuela.

C. Period of obtaining Bidding Documents

Office hours from August 1, 2019 to August 12, 2019 (Taipei time)

D. Deadline for receiving Bids

5:00 p.m. August 12, 2019 (Taipei Time)

E. Time for opening Technical & Commercial Proposal

2:00 p.m. August 13, 2019 (Taipei Time)

Note:

1. The above 480,000 metric tons of bituminous coal shall be shipped by Six (6) Panamax Size vessels.
2. Panamax Size vessel: 80,000 metric tons plus/minus 10%.
3. Offeror may offer one or more than one shipment.
4. Bid bond: **USD80,000** or **TWD2,440,000** per shipment.
5. Delivery period : September 2019 through December 2019.

6. The minimum acceptable quality specifications (based on ISO standards) shall be as follows:

Item	Maximum/Minimum
Gross Calorific Value (Kcal/Kg, as received)	6,200 Min*1
Total Moisture (% , as received)	15 Max*2
Ash Content (% , air dried)	14 Max
Total Sulfur Content (% , air dried)	0.7 Max
Volatile Matter (% , air dried)	26 Min
Fixed Carbon (% , air dried)	60 Max
Grindability (Hardgrove Index Value)	45 Min
Ash Fusion Temperature (degree(s) Celsius ,under reducing condition, H=W)	1,200 Min
Mercury Content(mg/Kg, dry basis)	0.12 Max
Size	50 x 0 mm
Size above 50 mm (%)	5 Max
Fines under 2 mm (%)	35 Max
Na <sub>2</sub> O in Ash (%)	Remark 3

Note:

1. Gross Calorific Value greater than 6,900 kcal/kg will be treated as 6,900 kcal/kg.

2. Total Moisture can be raised to 18% max, if Ash Content is less than 10%.

3. Na<sub>2</sub>O in Ash

(1)If the actual Ash Content (air dried) is greater than 7%,

Na<sub>2</sub>O in Ash is 2% Max; if both actual (a) CaO+MgO > Fe<sub>2</sub>O<sub>3</sub>, and actual (b) CaO+MgO+Fe<sub>2</sub>O<sub>3</sub> > 20% are met, then Na<sub>2</sub>O in Ash can be raised to 5.0% Max.

(2)If the actual Ash Content (air dried) is equal to or less than 7%

Na<sub>2</sub>O in Ash is 3% Max; if actual CaO+MgO+Fe<sub>2</sub>O<sub>3</sub> > 20% is met, then Na<sub>2</sub>O in Ash can be raised to 6.0% Max.

7. Bidding documents can be:

a. obtained at Taipower's web-site address:

<http://www.taipower.com.tw/tc/page.aspx?mid=129>

b. provided by Taipower, at the request of interested entity by fax or E-mail, to the E-mail address as advised

c. obtained at R.O.C. e-Procurement System web-site address:

<http://web.pcc.gov.tw/>

If you have any question, please contact the following:

Address: 9F., No. 242 Roosevelt Road, Section 3, Zhongzheng Dist., Taipei City 10016, Taiwan, R.O.C.

Telephone: 886-2-23666752/886-2-23667399

Facsimile: 886-2-23670597/886-2-23678593

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Attention: Department of Fuels, Taiwan Power Company