

Taiwan Power Company

Announcement

Date: September 10, 2019

Invitation to Bid No. TPC10901-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:

640,000 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, Chinese Mainland, South Africa, the United States and Venezuela.

C. Period of obtaining Bidding Documents

Office hours from September 10, 2019 to September 19, 2019 (Taipei time)

D. Deadline for receiving Bids

5:00 p.m. September 19, 2019 (Taipei Time)

E. Time for opening Technical & Commercial Proposal

9:30 a.m. September 20, 2019 (Taipei Time)

Note:

1. The above 640,000 metric tons of bituminous coal shall be shipped by Eight (8) 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 **TWD2,467,200** per shipment.
5. Delivery period : December 2019 through March 2020.

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

Item	Maximum/Minimum
Gross Calorific Value (Kcal/Kg, as received)	5,900 Min*1
Total Moisture (% , as received)	15 Max*2
Ash Content (% , air dried)	15 Max
Total Sulfur Content (% , air dried)	0.9 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)	1,150 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 ₂ 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. Na₂O in Ash

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

Na₂O in Ash is 2% Max; if both actual (a) CaO+MgO > Fe₂O₃, and actual (b) CaO+MgO+Fe₂O₃ > 20% are met, then Na₂O in Ash can be raised to 5.0% Max.

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

Na₂O in Ash is 3% Max; if actual CaO+MgO+Fe₂O₃ > 20% is met, then Na₂O 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.

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

E-mail address: d0090404@taipower.com.tw

Attention: Department of Fuels, Taiwan Power Company