

## **ANNEXURE-I**

### **(Tender Enquiry for Supply of Imported Steam Coal)**

**9<sup>th</sup> November, 2017**

#### **Requirement of "Imported Coal" for Steam & Power Generation plant of GNFC Limited Bharuch plant.**

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GNFC intend to procure approximately 75,000 MT of imported steam coal with a provision for supply of additional 30% quantity, if required by GNFC as per Technical specifications stipulated at "Annexure-II" attached with this notice. The quantity of 75,000 MT indicated above, may vary depending upon various factors, whatsoever.

GNFC requires the material as above for its requirement of Steam & Power Generation plant.

The bidders who are interested to participate in the tender are hereby intimated to contact following officials for further information to submit their offers.

Such interested bidders shall have to send their request mail for issue of Tender enquiry to the following officials on or before **18.11.2017, 14.00 hrs. IST.**

#### Contact Persons:

- |                                         |   |                                |
|-----------------------------------------|---|--------------------------------|
| 1. BS Limbachia General Manger          | - | Email ID : bslimbachia@gnfc.in |
| 2. VM Patel Addl. General Manger        | - | Email ID : vmpatel@gnfc.in     |
| 3. SM Shah Manager                      | - | Email ID : sureshshah@gnfc.in  |
| 4. SR Radadiya Senior Materials Officer | - | Email ID : srradadiya@gnfc.in  |

**P G Dave**  
**Executive Director**



GUJRAT NARMADA VALLEY FERTILIZERS AND CHEMICALS LIMITED  
Regd. Office: PO: Narmadanagar-392015, Dist: Bharuch (Gujarat) INDIA  
CIN: L24110GJ1976PLC002903

MM/IMP-COAL/2017-18/SMS

Annexure-II (1/1)

Technical Specifications for Coal				
NOMENCLATURE : Air dried = (AD) As received = (AR) Dry Ash Free = (DAF)				
Sr.No	ITEM	UNIT	SPECIFICATIONS OF COAL TO BE SUPPLIED	Guaranteed value by the Bidder
1	TOTAL MOISTURE (AR)	% by wt	7 to 12	
2	INHERENT MOISTURE (AD)	% by wt	2 to 8	
3	FIXED CARBON (AD)	% by wt	42 to 55	
4	VOLATILE MATTER (AD)	% by wt	28 to 35	
5	<b>FC/VM Ratio (AD)</b>	--	<b>1.3 to 1.7</b>	
6	ASH (AD)	% by wt	4 to 14	
7	<b>TOTAL SULPHUR (AD)</b>	% by wt	<b>0.2 to 0.8</b>	
8	HGI	--	45 to 60	
9	GCV (AD)	Kcal/kg	6400 to 6800	
10	GCV (AR)	Kcal/kg	6000 to 6400	
11	NCV (AR)	Kcal/kg	5600 to 6000	
12	CARBON (DAF) - Load Port	% by wt	75 to 85	
13	HYDROGEN (DAF) - Load Port	% by wt	4 to 6	
14	NITROGEN (DAF) - Load Port	% by wt	2.0 (maximum)	
15	SULPHUR (DAF) - Load Port	% by wt	1.0 (maximum)	
16	OXYGEN (by difference)	% by wt	18.0 (maximum)	
17	C/H Ratio (DAF) - Load Port	% by wt	13 to 20	
<b>OTHER IMPORTANT PARAMETERS</b>				
18	SIZE OF COAL	mm	0 to 2 mm (10% maximum) 2 to 20 mm (68% minimum) 20 to 50 mm (20% maximum) > 50 mm component (2.0% max)	
19	ASH FUSION TEMPERATURE	IDT HT FT	deg C deg C deg C	1300 (min) Minimum 40 deg C above IDT Minimum 40 deg C above HT
20	Mineralogical Ash Analysis	% by wt	SiO <sub>2</sub> : 50% (min) Al <sub>2</sub> O <sub>3</sub> : 20% (min) Fe <sub>2</sub> O <sub>3</sub> : 10% (max) CaO : 7% (max) MgO : 4% (max) Na <sub>2</sub> O : 0.6% (max) K <sub>2</sub> O : 1.5% (max) TiO <sub>2</sub> : 1.8% (max)	

NOTES:-

1. Supply shall strictly be on NCV (AR) basis only.
2. Analysis shall strictly be as per ASTM standards.
3. Discharge port analysis report is to be enclosed.
4. Analysis report of the cargo lying at stock yard is to be enclosed.
5. No premium would be payable / applicable for any of the parameters of Technical Specification of coal, if found better at GNFC Lab analysis vis-a-vis Guaranteed value of coal offered by you as above.
6. Calibration certificate of "Wagon Tippler Weigh bridge" issued by manufacturer (M/s AVERY INDIA LTD) is available with GNFC and can be verified by the Supplier of coal in case of dispatch through Rail.

Date:

Seal & Signature of the Bidder