

**SALIENT TECHNICAL FEATURES**

for

**Procurement of 1.0 MMT Imported Coal on FOR destination basis at NTPC Power Stations**

Salient Technical Features of the subject requirement covered in the **Tender ID: 2021\_NTPC\_55335** are mentioned below. These Salient Technical features are mentioned only to facilitate the prospective bidders to prima-facie understand the requirements under the tender and shall not in any way limit or alter the scope of work and technical features/specification of supply of Imported Coal covered in the Bidding Documents. Detailed provisions in regard of scope of work and technical features/specification of subject requirement contained in the Bidding Documents shall be final and binding.

**Brief Scope of Work:** Bidders shall declare the coal mine(s) outside India from where they are intending to supply coal as per specification, as per format enclosed in the bidding documents along with their bids. The Successful Bidder shall supply imported Steam Coal sourced from identified mine(s) as declared by him to NTPC power stations, arranging vessels, stevedoring, handling, storage, port clearances, arranging Railway rakes, loading, transportation and delivery at NTPC power stations. All other activities including clearing and forwarding of the consignments like Customs Clearance, coordination with Ports, Railways and any statutory authorities shall also be part of Scope of Work of the Successful Bidder. All liaison, coordination with coal mine (s) outside India, coordination at load port, discharge port, Railways handling agents etc. shall also be part of Scope of Work of the Successful Bidder. Unloading of Coal at NTPC power stations end from Railway Wagons shall be arranged by NTPC.

**Delivery:** On “FOR Destination” basis at NTPC Power Plants

**Delivery Period:** Total quantity of imported coal shall be delivered to stations in 4 (Four) months period, as per delivery schedule to be given to the successful bidder by NTPC. Delivery schedule may be extended further at the sole discretion of NTPC.

**Specification of Coal:** The specified range for quality of coal shall be as under:

Parameters	UNIT	Specified Range
Total Moisture (ARB)	%	Upto 32%
Ash (ADB)	%	Upto 20% Max
Gross Calorific Value (ARB)	Kcal/ Kg	Not less than 4700
Sulphur (ADB)	%	Upto 1.00% Max
SIZE	MM	Upto 50mm However, size of coal less than 2.36 mm shall not be more than 10% of quantity received at power plant
Fixed Carbon (ADB)	%	30-50% Typical
Volatile Matter (ADB)	%	25-45%
HGI	-	45-60
IDT under reducing atmosphere	Deg Centigrade	1100-1250
Extraneous Material	MT	Nil

**Base parameters for coal under this tender for Price Basis are as under:**

Total Moisture (ARB)	:	25%
Ash (ADB)	:	15%
Sulphur (ADB)	:	0.90%
Gross Calorific Value (ARB)	:	5000 Kcal/Kg
Size(less than 2.36mm) not exceeding	:	10% of quantity received at power plant