



Central Electricity Authority

तापीय आयोजना एवं अन्वेषण प्रभाग



TP&I DIVISION

9वां तल, सेवा भवन, आर.के.पुरम, नई दिल्ली-110066

[आई.एस.ओ.9001:2000 प्रमाणित]

9th Floor Sewa Bhavan, R.K. Puram, New Delhi - 110 066 .

No. 225/Excise-Custom/CE-TPI/CEA/2010

Dated: 29/09/2010


विषय: Certificate by Chief Engineer, CEA for the goods supplied to mega power project from which the supply of power has been tied up through tariff based competitive bidding or a mega power project awarded to a developer on the basis of such bidding in accordance with the Ministry of Finance Notification No. 31/2010 Central Excise dated 28th July, 2010.

Ministry of Finance (Deptt. of Revenue) vide notification No. 31/2010-Central Excise dated 28.07.2010 has made amendment in their notification No. 6/2006-Central Excise dated 1st March, 2006 whereby goods supplied to mega power project from which the supply of power has been tied up through tariff based competitive bidding or a mega power project awarded to a developer on the basis of such bidding will be exempted from central excise duty subject to fulfillment of certain conditions. One of the conditions as per Notification No.31/2010-Central Excise dated 28.07.2010 is that "an officer not below the rank of Chief Engineer in the Central Electricity Authority certifies that the said goods are required for the setting up of the said power project under Government of India initiative, indicating the quantity, description and specification thereof".

In order to process the proposals for issue of required certificate as above, project developers of Mega Power Projects need to furnish the package wise (a typical list of packages enclosed) list of equipments as per the enclosed format in quadruplicate along with the following documents to Chief Engineer (TPI), Central Electricity Authority, Room No. 902, 9th Floor, Sewa Bhawan (South), R. K. Puram, New Delhi -110066 :

- (i) Copy of the Mega power project certificate issued by Min. of Power,
- (ii) Copy of the NIT by the power procuring agency,
- (iii) Copy of the LOI issued by the power procuring agency,
- (iv) PPA signed between the developer and the power procuring agency,
- (v) Hard & Soft Copy of the Specification of the equipment,
- (vi) Copy of the un-priced Purchase Order.

Encl. As above


(एम एस पुरी)
मुख्य अभियंता

(To be submitted in Quadruplicate)

CENTRAL ELECTRICITY AUTHORITY

Format for furnishing the application for getting the certificate from Chief Engineer, CEA, New Delhi certifying the quantity, description and specification of the goods supplied to mega power project for the purpose of excise duty exemption in accordance with the Min. of Finance Notification No. 06/2006- Central Excise dated 01.03.2006, Amendment Notification No. 12/2010-Central Excise dated 27.02.2010 and subsequent Amendment Notification No. 31/2010-Central Excise dated 28.07.2010.

Date:

Reference No. :

Package No. :

1. Mega Power Project Certificate

----- (Name of the Project) Of ----- (Name of the developer) is a Mega Power Project as per the certificate issued by Joint Secretary (Thermal), Ministry of Power vide reference No.-- ----- dated ----- (Copy enclosed).

2. Project Authority Certificate

I, -----,Chief Executive Officer of -----(Name of the Project / developer) am duly authorized to issue the Project Authority Certificate. I hereby certify that M/s ----- -(Name of the supplier) have been awarded a contract for supply of goods of quantity and description as mentioned below for onshore supplies against Purchase Order No. ----- dated ----- ----(Copy of Un-priced Purchase Order enclosed).

Package: ----- (Name of the Package)		<i>(Soft copy of the Specifications to be furnished)</i>	
S.No.	Description of the item	Quantity	Broad Specifications including parameters
1.			
2.			
3.			
4.			
...			
...			
...			
...			

It is certified

- i) that the supply of goods under the above contract are required for setting up of (Name of the Project) Of ----- (Name of the developer) based on coal thermal technology from which the supply of power has been tied up through tariff based competitive bidding / a mega power project awarded to a developer on the basis of tariff based competitive bidding.
- ii) that the above goods are eligible for exemption from the duties of excise leviable under the Min. of Finance (Department of Revenue) Notification No. 06/2006- Central Excise dated 01.03.2006, Amendment Notification No. 12/2010-Central Excise dated 27.02.2010 and subsequent Amendment Notification No. 31/2010-Central Excise dated 28.07.2010.
- iii) that the said goods shall be used in the said -----(Name of the Project) Of ----- (Name of the developer) only and not for any other use.
- iv) that no other similar certificate to any other party has been granted for the same supplies as detailed above, under the same contract referred to above.
- v) that in the event of non compliance of the above, I undertake to pay the duty which would have been leviable at the time of clearance of goods, but for this exemption.

Signature :

Place:

Name:

Designation: Chief Executive Officer

Date:

Name of the project

Seal

3. Certificate by Chief Engineer, Central Electricity Authority, New Delhi-110066:

It is certified that the goods as mentioned in para '2' above indicating the quantity, description and specifications thereof are required for use in the ----- (Name of the Project) Of ----- (Name of the developer).

Place: New Delhi

Signature:

Date:

Name :

Designation : Chief Engineer, CEA

Seal

Typical List of systems / packages of Thermal Power Plants

1. Main Plant :

a) Boiler & Auxiliaries -

- i) Boiler including furnace, water walls, SH, RH, Economizer, Drum, Headers & structure etc.
- ii) Fans (ID, FD, PA & Seal Air etc.)
- iii) Pumps, Heat exchangers & Aux. cooling system.
- iv) ESP, Ducts & Chimney
- v) Mills & coal feeders.
- vi) Associated Electrical Equipments/ Systems
- vii) Integral C&I Equipments/ Systems

b) Steam Turbine-Generator & Auxiliaries -

- i) Steam Turbine incl. Lube oil, Governing and jacking oil
- ii) Turbo generator and auxiliaries
- iii) Aux. cooling water including Heat exchangers.
- iv) Condenser & Air extraction system.
- v) Power cycle pumps & Drives.
- vi) Feed water heaters & Deaerator.
- vii) Condenser online tube cleaning system.
- viii) Associated Electrical Equipments/ Systems
- ix) Integral C&I Equipments/ Systems

c) Piping, Valves & insulations

- i) Power cycle piping & valves including HP piping.
- ii) LP piping & valves.
- iii) Large diameter piping & tanks.
- iv) Thermal Insulation.

2. Balance of Plants:

- a) Coal Handling System
- b) Ash Handling System & Ash Water Recirculation System
- c) Fuel Oil Storage & Handling System
- d) Mill Reject system
- e) Fire Protection, Detection & Alarm System
- f) CW System & Cooling Tower
- g) Water Treatment System (Plant Water System)
- h) Effluent Treatment System
- i) Ventilation System
- j) Air-conditioning System
- k) Environment & Chemical Lab Equipments
- l) Material Handling Equipments
- m) EOT Crane
- n) Lifts & Elevators
- o) Compressed Air System
- p) Workshop Equipments
- q) Misc. Hoists & Cranes

3. Electrical System:

a) Electrical System of Main Plant

- i) Unit Control Board (Electrical)
- ii) Generator Isolated Phase Bus-duct (IPBD) and Neutral Grounding
- iii) Power Transformers
- iv) HT (11, 3.3kV) Segregated Phase Busducts (SPBD)
- v) HT (11, 3.3kV) Switchgears
- vi) 415V LT Switchgears
- vii) 415V LT Non-segregated Phase Busduct
- viii) 11/ 3.3kV HT Aux. Transformers
- ix) 11/ 0.415kV, 3.3/ 0.415kV LT Transformers
- x) HT Power cables
- xi) LT Power cables
- xii) LT Control cables
- xiii) Cabling incl. fire sealing, Earthing and Lightning Protection
- xiv) Illumination
- xv) 220V Battery and Battery chargers
- xvi) DG Sets
- xvii) Electrical Lab Equipments

b) Switchyard

- i) Switchyard Equipments
- ii) Switchyard Control Board

4. Control & Instrumentation of Main Plant:

- a) Distributed Digital Control Monitoring and information System (DDCMIS)
- b) Measuring Instruments (Primary & Secondary)
- c) Steam & Water Analysis System
- d) Vibration Monitoring System
- e) Flue Gas Analysis System
- f) Unit Control Desk and Unit Control Panel
- g) Electric Power Supply System
- h) Instrumentation Cables
- i) PLC based Miscellaneous Control System
- j) C&I Lab Equipments