

ANDAMAN & NICOBAR GAS POWER PROJECT (50 MW)

**BIDDING DOCUMENT NO. NVVN/C&M/RE-53/2020-21
(Guarantee Declaration)**

Bidder's Name and Address:

To

NTPC VIDYUT VYAPAR NIGAM LIMITED,
2nd Floor, Core 5, Scope Complex
Institutional Area, Lodhi Road, New
Delhi – 110003, India

Dear Sir,

We declare that the ratings, capacities and performance figures of the equipment/system furnished by us under this package are to be demonstrated by us. We further declare that in the event of any deficiencies in meeting the following parameters in respect of the characteristics mentioned below as established after conducting the guarantee test, you may at your discretion reject the equipment/system and recover payment already made or accept it after assessing the deficiency and effecting recovery from the contract price as specified in Part-A, Section-VI (Technical Specification) of bidding document.

1. Net Heat Rate (i) Net Heat Rate at 100% of Engine load (as specified in chapter of PART-A Volume-V Guarantees, Performance Testing & Liquidated Damage of Section-VI of Bidding Documents)	To be filled and submitted in attachment-10A of Price Bid Form with Price bid
2. NET Power Output at Base/Full Load (i) Net Power Output of each Genset in kW. (ii) No. of Identical Engines offered (iii) Total Net Power Output for the Power Plant (as specified in chapter of PART-A Volume-V Guarantees, Performance Testing & Liquidated Damage of Section-VI of Bidding Documents)	To be filled here
3. The Annual Operational Availability Engine Availability of each Genset (as specified in chapter of PART-A Volume-V Guarantees, Performance Testing & Liquidated Damage of Section-VI of Bidding Documents)	To be filled and submitted in attachment-10A of Price Bid Form with

4. NO_x Emission Level (i) We Confirm NO_x emission level of less than 80 ppm (dry volume basis corresponding to 15% excess oxygen in Engine exhaust) while operating at 100%, 90%,80%,70%,60% & 50% of Base Load Output (as specified in chapter of PART-A Volume-V Guarantees, Performance Testing & Liquidated Damage of Section-VI of Bidding Documents)	<u>Yes/No</u>
5. Noise We Confirm The noise levels shall meet the MoEF&CC guidelines as enclosed at Annexure-I of Volume-IV, Part-A, Section-VI. (as specified in chapter of PART-A Volume-V Guarantees, Performance Testing & Liquidated Damage of Section-VI of Bidding Documents)	<u>Yes/No</u>
6. Plant Effluent Quality and Quantity. We Confirm All liquid effluents emanating out of the power plant shall be treated (as required) to meet the Environmental Standards for Gas Naphtha-based Thermal Power Plants published by MOEF vide notification dated 22.12.1998 and General Standard for Discharge of Environment Pollutants, Part-A: Effluents Published by MOEF dated 19.05.93 & also the latest MoEF&CC notification for discharge standards for effluents dated 13.10.2017 under E(P) Rules & its amendment thereof, applicable for discharge in Inland Surface Waters, whichever are more stringent. The discharge standards to be followed are enclosed at Annexure–II (A) & Annexure–II (B) of Volume-IV Part-A, Section-VI. The treated effluents shall also meet quality requirements of CPCB, if more stringent than the standard mentioned in technical specifications. As per clause 6.03.02 of Volume-IV, Part-A, Section-VI Devices for measurement of pH, Turbidity, Conductivity, and Flow at the point of liquid effluent discharge out of the plant shall be installed. We confirm to meet effluent quality & quantity parameters as specified in Chapter-M4 of Volume-I, Part-B, Section-VI.	<u>Yes/No</u>
7. Plant Auxiliaries Demonstration parameters as per Clause 1.04.03 of Section-VI, Part-A, Volume-V, Guarantee Requirements	<u>Confirm/Not Confirm</u>

Date :

Place :

(Signature).....

(Printed Name).....

(Designation).....

(Common Seal).....

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(HAS BEEN FURNISHED ALONGWITH PRICE BID)