



ISO 9001 & 14001
OHSAS 18001

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Govt. of India Enterprise)

O/o HEAD OF PROJECT

AGARTAL GAS TURBINE PLANT

R.C NAGAR, Khayerpur, PIN: 799008

AGARTALA, TRIPURA(W): Ph:0381-2391268 Fax:0381-2391269

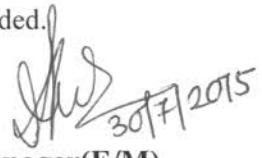
CORRIGENDUM NO:02

NIB No: 06/AGTP/HOP dtd07/07/2015(e- tender)

This is for information that:

Technical parameter data sheet (Annexure II) under head Technical Specification, is added.
Other terms & conditions of the NIB will remain unchanged.

Encl: As stated Above.


30/7/2015
Manager(E/M)

AGTP, NEEPCO Ltd

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Sankari.deb@rediffmail.com

नॉर्थ ईस्टर्न ईलैक्ट्रिक पावर कॉरपोरेशन लि.

(भारत सरकार का उपक्रम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

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**O/O HEAD OF PROJECT
AGARTALA GAS TURBINE PLANT**

R.C NAGAR ,Khayerpur , PIN - 799008

AGARTALA: TRIPURA(WEST).

TECHNICAL SPECIFICATION

Annexure-II

Technical Parameter (data sheet)

1. PV Solar Modules/Array

Sl No	Description	To be filled by bidder
1	Max.out put(Pmax) as per STC	
2	Voc/Isc	
3	MPP Voltage(Vmpp)V	
4	MPP current(Imp)A	
5	Open circuit voltage(Voc)V	
6	Type: Multi crystalline	
7	Module Dimension	
8	No. of PV cell per Module	
9	Solar module frame materials (aluminium)	
4	Weather resistant Junction Box(IP65)	
	MECHANICAL FEATURES	
1	Glass	
2	Glass iron content	
3	Glass Transmissivity	
4	Frame	
5	Encapsulation	
6	Trilaminate back surface	
7	By pass Diode	

2. Array Junction Box:

AJB should be equipped with fuses and MCB,s for protection of the PV panels and Isolation of the PV panels from the Inverter.

3. Mechanical Structure:

The structure will be designed as the guidelines of Indian Standard Design codes i.e IS-875, IS-800,IS-456.

4. Solar Inverter:

Sl no	Description	To be filled by the bidder
1	Nominal DC Array Input Voltage	
2	DC Array Input operating voltage	
3	Type of solar Charge Controller	
4	Switching Device	
5	Continuous inverter output rating	
6	Output wave form	
7	Total harmonic distortion	
8	Output voltage: 415 V ,3 Phase,4 wire.	
9	Output frequency: 50 Hz	
10	Power factor: 0.8(minimum)	
11	PCU efficiency	
12	Regulation	
13	cooling	
14	Operating temperature	
15	Relative humidity	
16	LED/LCD display	

Spec. No: NIB-06/AGTP/ HOP/15-16/

Tenderers seal & Signature



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17	Data monitor and display controls	
18.	Protection	
	1.Input over voltage	
	2.Low/high frequency	
	3.Short circuit	
	4.Under/over output voltage	
	5.Over temperature	
	6.Grid input under voltage/over voltage with auto recovery.	
	7.DC disconnect device	
	8.DC reverse Polarity	
	9.Anti islanding protection as per the standard.	
19	Safety	
	UL1741 2 nd Ed 2010	
	IEEE 1547	
	FCC Class B	
	Galvanic isolation at input & output through Transformer	

Energy Accounting

Sl no	Description	To be filled by bidder
1	Energy Meter: For recording Generation of power from solar plant meter should be provided for accounting purpose.	
2	Auto change over Scheme: Auto change over scheme should be provided to run the existing system in case of failure of solar plant output	

1. Details of Service /Procedure of service during warranty period should be clearly indicated.