



**NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY**  
**(An Institute of National Importance under MHRD Govt. of India)**  
**KARAIKAL – 609 609**

16-02-2017

**CORRIGENDUM**

**Correction notified in yellow shade**

Tender notification ref. no.: NITPY/CPRI Project/T04/2016-17 dated : 06.02.2017

**SPECIFICATION**

1	<b>2.5 kW Wind Turbine Generator with tower and blade setup.....2 Nos.</b>		
	Rated power	:	2.5 kw
	Cut in wind speed	:	2.5 mtrs/sec
	Rated wind speed	:	8 -10 mtrs/sec
	Cut out wind speed	:	15 mtrs/sec
	Survival wind speed	:	25 – 30 mtrs/sec
	<b>Rotor data:</b>	:	
	No of blades	:	3
	Blade designs	:	NACA profiles
	Diameter	:	Between 3 to 3.5 meters
	Swept area	:	Between 9 to 10 mtrs sq
	Pitch type	:	Fixed
	Blade material	:	Fiberglass- reinforced epoxy resin
	Hub mounting	:	Rigid
	Direction of rotation	:	Clock wise
	Rotor axis height (roof top) std	:	6 mtrs above
	Alternator	:	Permanent magnet variable power type
	Rated power	:	2.5 kw
	Peak power	:	4.75kw
	Generation	:	220-240 v (line-line voltage) at rated load, 0-60 hz 3 phase AC
	Coupling	:	Direct coupling
	<b>Tower</b>	:	
	Type	:	Lattice type
	Height	:	6 meters and above
	Material	:	MS angle fabricated /MS tube
	<ul style="list-style-type: none"> <li>• Yaw control/Over speed control has to be provided</li> <li>• Provision of utilizing the power (socket facility) derived from the output of the generator at the specified rating with extension cables to the control room (50 meters)</li> <li>• Provision for connecting the stator windings in star with neutral terminal</li> <li>• Installation should not damage the roof.</li> <li>• The WTG with tower and blade setup should be suitable for MARINE/SALINE WEATHER condition.</li> </ul>		

For the remaining terms and condition please refer the Tender Notification No.: NITPY/CPRI Project/T04/2016-17, dated : 06.02.2017.

SECTION : 4 - PRICE BID

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**To be used by the bidder for submission of the price bid**  
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Tender No. & Date:

Bidder's Offer No. & Date:

S. No.	Description of item	Unit Price In Rs.	QTY	Sub Total in Rs. (excluding of all taxes) (Col.2*Col.3)	ED in % For Col. 4	VAT/CST In % For Col. 4	Service Tax in For Col. 4	Total Value in Rs. (inclusive of all taxes) Col. (4+5+6+7)
	Column No.1	2	3	4	5	6	7	8
1	2.5 kW Wind Turbine Generator with tower and blade setup		2					
2	Other accessories /spares etc as given in scope of supply (if any)							
3	Installation & Commissioning (extra, if any)							
4	Packing & Forwarding charges in Rs. (extra, if any)							
5	FOR Dispatching station value in Rs.							
6	Freight & Transit insurance charges, extra, if any							
7	Total all inclusive price delivered, installed and commissioned at NIT Puducherry							
8	<b>Net cost to be paid by NIT Puducherry in Rs. Only</b>							

\*Quote excluding the cost of civil work expenditure at the roof top.

**Signature & Seal of Vendor**

**Note: The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "Not Applicable". If this format is not used or any column is left blank, then the bid will be rejected.**