

Centre of Excellence for Green Energy & Sensor Systems  
Indian Institute of Engineering Science & Technology  
(IIEST), Shibpur  
Howrah-711 103

Project Code No: DRC/MNRE/CEGESS/HS/006/11-12

**Notice Inviting Quotations**

Sealed quotations are invited for the supply of

**1. H<sub>2</sub> (hydrogen ) 6.0 , Purity : 99.9999% ( Refilling)**

as per the following technical specification. The technical specification can be downloaded from the website. The document can be also obtained from the Centre of Excellence for Green Energy & Sensor Systems (contact : Prof. H. Saha) between 10.30 a.m. and 3.00 p.m. on all working days. The invitation is valid for 10 working days from the date of publication of this notice.

**Dean (R & D)**

**(A. Code DRC-T017/16-17)**

## **SECTION I: TERMS & CONDITIONS**

1. The last date of receipt of quotation is valid **for 10 working days** from the date of publication of this notice. Quotations received later will not be entertained under any circumstances.
2. Potential supplier are to submit the quotations in Sealed Cover to the Centre of Excellence for Green Energy & Sensor Systems in the following address:  
  

**Prof. Hiranmay Saha**  
**Chair Professor & Project Investigator**  
**CEGESS**  
**IEST, Shibpur**  
**Howrah-711103, India**
3. Item name must be mentioned on cover
4. The price quoted should be inclusive of all Taxes in INR, duties and levies. Inclusion of Tax/Levy at a latter stage will not be accepted. Freight, Insurance charges should be clearly indicated.

## SECTION II: TECHNICAL SPECIFICATIONS

### Specification of H2 6.0N gas: ( Refilling)

Product	Purity/Concentration in PPM
H2 ( Hydrogen)	≥99.9999%
Impurities	Co ≤ 0.1 ppm CO2 ≤ 0.1 ppm Water ≤ 0.2 ppm Oxygen ≤ 0.2 ppm Nitrogen ≤ 0.5 ppm THC ≤ 0.1 ppm

### Specification of Cylinder:

Cylinder with CGA-350 ( 50lits)

Pressure/Gas Qty : 2640 psig/7M3