



# सरदार स्वर्ण सिंह राष्ट्रीय जैव ऊर्जा संस्थान

(नवीन और नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)  
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## Sardar Swaran Singh National Institute of Bio-Energy

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**Ref. No.: 348-11/9/2021-R and D**

**Dated: 04.05.2023**

### Circular

**Subject: Revision of charges for consultancy, DPR preparation, DPR evaluation and Feasibility study, and testing charges for additional facility created -Reg.**

The undersigned is directed to convey the revised charges for consultancy, DPR preparation, DPR evaluation and Feasibility study, and testing charges for analysis additional facility created.

S.No.	Components	Scope of work	Existing charges	Revised Charges	Remarks
1.	DPR preparation	Time spared: 30-45 days Consultancy: 2,00,000/- Expert Charges: 2,00,000/- Field survey (Feedstock, site, application): 3,00,000 – 4,00,000/- Site visit: 50,000/- Report writing: 25,000/-	10,00,000 or 5% of the project cost, whichever is lower	2,75,000 – 10,00,000/- for 5 TPD BioCNG (25-50 % increase on increasing the plant size)	Further, may be negotiable to the discretion of DG, NIBE
2.	DPR and Feasibility study evaluation	Time spared: 5 days Consultancy: 1,00,000/- Site visit: 50,000/-	INR 1,00,000 per DPR for plant size < 1,000 m <sup>3</sup> ; INR 2,50,000 per DPR for 1,000 – 10,000 m <sup>3</sup> ; and INR 4,00,000 per DPR for > 10,000 m <sup>3</sup>	1,00,000 - 1,50,000/- for 5 TPD BioCNG (25-50 % increase on increasing the plant size)	Further, may be negotiable to the discretion of DG, NIBE
3.	Technical Consultancy BioCNG/ CBG/ Biogas Plants/ 2G Ethanol	Time spared: 30 days Consultancy: 5,00,000/- Site visit: 50,000/- each visit	10,00,000 or 5% of the project cost, whichever is lower	10,00,000/- for 5 TPD BioCNG (25-50 % increase on increasing the plant size)	Further, may be negotiable to the discretion of DG, NIBE



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### Testing charges for additional facility created:

S.No	Equipment	Analysis	Charges/ sample (INR) (Industry/ Institutes)	Discounted Charges for students/ sample (INR)
1.	Karl Fischer Titrator	Moisture analysis in Gas/ Liquid	2,000/-	1,500/-
2.	BOD Analyzer	BOD analysis	600/-	400/-
3.	Junker's calorimeter	Calorific value in gases	1,000/-	500/-
4.	Portable Biogas Analyzer	CH <sub>4</sub> , CO <sub>2</sub> , O <sub>2</sub> , N <sub>2</sub> and H <sub>2</sub> S analysis	1,000/- (Field testing only) Travel and accommodation will be as per actual, if any	750/-
5.	Portable Dew Point Analyzer	Moisture analysis in Gas	600/- (Field testing only) Travel and accommodation will be as per actual, if any	400/-
6.	Incubator/ GC	Biochemical Methane Potential	40,000/-	25,000/-
7.	Electrochemical workstation	Cyclic voltammetry, impedance spectra, Linear sweep voltammetry EIS measurement	2,000/-	1,500/-
8.	Automatic proximate Analyser	Moisture content, volatile matter, fixed carbon and ash content	2,000/-	1,500/-

This is issued with the approval of DG, NIBE.

(Dr. Sachin Kumar)  
Incharge Administration