



No. A-04/004/2020-21/NISE/Admn/(EC)  
**NATIONAL INSTITUTE OF SOLAR ENERGY**  
(An autonomous Institute of Ministry of New & Renewable Energy)  
Gwal-Pahari, Gurugram

\*\*\*\*\*

**Minutes of the 46<sup>th</sup> Meeting of the Executive Committee of National Institute of Solar Energy.**

The 46<sup>th</sup> Meeting of the Executive Committee (EC) of National Institute of Solar Energy (NISE) was held on 07<sup>th</sup> June, 2023 (Wednesday) at 06:00 PM in hybrid mode in Conference Room, 2<sup>nd</sup> Floor, Surya Bhawan, NISE Gurugram-122003 under the Chairmanship of Sh. Lalit Bohra, Director General, NISE. The meeting was attended by following:

S.No.	Name of Member	Designation	Remarks
(i)	Shri Lalit Bohra, DG, NISE	Chairman	Through Online mode
(ii)	Dr. Chandan Banerjee, DDG, NISE	Member	Present
(iii)	Dr. Jai Prakash, DDG, NISE	Member	Present
(iv)	Shri Anil Kumar Yadav, Director (Admin), NISE	Member	Present
(iv)	Shri Sandeep Sehrawat, Deputy Director (Admin)	Member Convener	Absent

DG NISE welcomed all the members of the Executive Committee of NISE. The item-wise agenda was taken up for discussion and the decisions taken by EC are as follows:

**Agenda Item No. 1: To grant leave of absence to the Members, not present in the meeting.**

Leave of absence was granted to Shri Sandeep Sehrawat, Deputy Director (Admin) & Member Convener. Shri Kishore K. Menon, Deputy Director (Tech.) also attended the meeting as a special invitee.

*[Signature]*  
1/8/2023

*[Signature]*  
1/8/2023

*[Signature]*


*[Signature]*

**Agenda Item No. 2 : Approval of EC is sought for issuing work order to M/s Prodair Air Products India Pvt. Ltd., India (APC, India) for troubleshooting, repair, replacement of faulty components & re-commissioning of the Hydrogen production cum dispensing facility at NISE, as per their budgetary offer (Annexure – I) vide ref: COM/NISE/2023/06 dated 10<sup>th</sup> May 2023, for a total cost of Rs. 2,17,75,935.61/-, including all applicable taxes as per rule 166(i) of GFR 2017(Certificate submitted at Annexure - II) on single tender enquiry basis.**

Shri Kishore K. Menon, DD (Tech.) presented the proposal before the EC members. Shri Menon briefed about project status of the MNRE funded RD&D project titled 'Setting Up of a Centre of Excellence on Hydrogen Energy at National Institute of Solar Energy (NISE), Gwal Pahari, Haryana,' under which the Hydrogen station is to be operated and maintained by NISE. Shri Menon apprised that the project progress was delayed due to Covid -19 and other technical issues and upon request from NISE, MNRE vide letter no. 351/1/2018-New Technology dated 30<sup>th</sup> December 2022 granted extension of the project duration up to 31<sup>st</sup> October 2023 (**Annexure-III**).

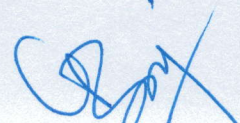
The Committee was apprised that the hydrogen station was not in continuous operation since 2017 and hence would require extensive overhauling, calibration and safety audit. Towards this, NISE had contacted M/s Prodair Air Products India Pvt. Ltd. (APC, India), which is an Indian subsidiary of M/s Air Products and Chemicals (APC), USA which had originally established the Hydrogen station at NISE as an OEM. It was further apprised that APC, India Team along with their US experts carried out detailed assessment of the plant at NISE on 23rd & 24th January 2023, to assess the current operational state of the station. Post assessment, APC, India has provided NISE a budgetary offer vide ref: COM/NISE/2023/05 dated 27<sup>th</sup> March 2023 for Rs. 1,92,22,500/- (excluding GST, Freight charges, transit insurance and packing & forwarding charges) towards spares, man-hours (India & USA) and recommissioning of the station to make it operational.

In order to examine the technical and financial offer submitted by APC, India, NISE constituted a Technical Committee comprising of NISE officials (in line with NISE TEPC-II) and two external experts from IOCL R&D, Faridabad. The technical committee held two meetings, first on 01<sup>st</sup> May 2023 and on 22<sup>nd</sup> May 2023, wherein online discussion was held with representative of APC, India and the committee finalized the technical aspects of the offer and was able to negotiate to a final reduced cost of Rs. 2,17,75,935.61/-, including GST, Freight charges, transit insurance and

  
11/8/2023







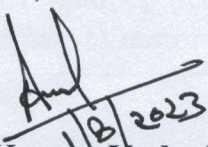
packing & forwarding charges. After much deliberation and considering APC, US being OEM and proprietorship to the control system software & IPR, the committee recommended to issue work order to M/s Prodair Air Products India Pvt. Ltd., India (APC, India) for troubleshooting, repair, replacement of faulty components & re-commissioning of the hydrogen production cum dispensing facility at NISE, at as per their budgetary offer vide ref:COM/NISE/2023/06 dated 10<sup>th</sup> May 2023, for a total cost of Rs. 2,17,75,935.61/-, including all applicable taxes.

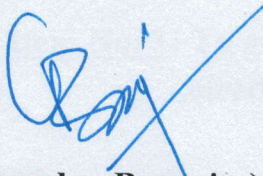
The proposal was discussed in detail and after much deliberation, the decision of EC is as follows.

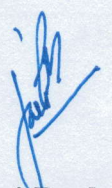
**Decision:** EC approved the above proposal to issue work order to M/s Prodair Air Products India Pvt. Ltd., India (APC, India) for troubleshooting, repair, replacement of faulty components & re-commissioning of the Hydrogen production cum dispensing facility at NISE, after obtaining Proforma Invoice as per their budgetary offer vide ref: COM/NISE/2023/06 dated 10th May 2023, for a total cost of Rs. 2,17,75,935.61/-, including all applicable taxes. EC also directed that payment terms and conditions of the Work order shall include a condition to release part payment after successful functioning of system.

**Agenda Item No. 3.0: Any other item with the approval of Chairman of Executive Committee.**

**Decision:** With no other matter to discuss, the meeting ended with a vote of thanks to the Chair.

  
(Anil Kumar Yadav)  
Member

  
(Chandan Banerjee)  
Member

  
(Jai Prakash)  
Member

  
(Lalit Bohra)  
Chairman

\*\*\*\*\*