

Request for Quotes

Open: 12-02-2024

Close: 29-02-2024

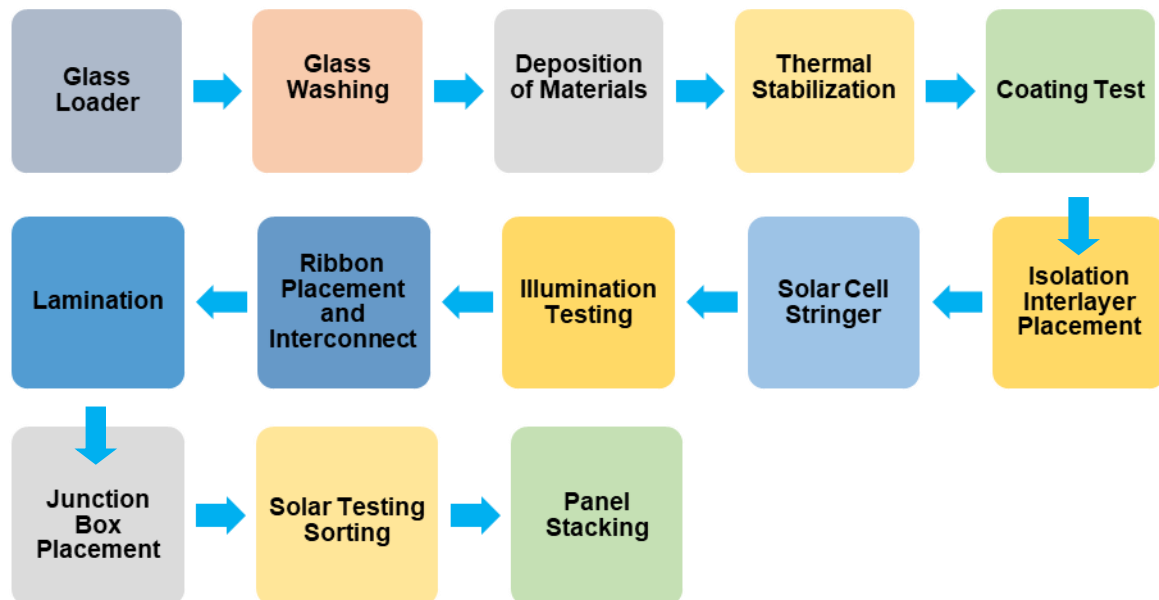
Brite Hellas S.A. is currently working on an investment project partially funded by a grant from Iceland, Liechtenstein and Norway through the EEA Financial Mechanism 2014-2021, in the frame of the Program "Business Innovation Greece", grant reference number ProSol 2021/580905. In the course of this project, Brite is developing and installing a manufacturing line for its nanocoated semi-transparent panel technology. The line is being installed in an industrial building space leased by Brite in the Industrial Zone of Patras, Greece.

Production Tools

The line equipment selected is entirely derived from production tools that are commercially available. The key material deposition tool is the ink-jet printer, while the panel assembly includes tab stringing, connection machines, a laminator and a solar simulator.

The flow of the production line

The steps in the production of solar glass are shown in the diagram below:



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Mass production process requirements

The design of the line for mass production of Brite Solar meets the following requirements:

1. Achievement of mass production with existing tools on the market.
2. The highest possible production throughput of solar glass, which can be augmented with tools or be repeated, to increase the total production. A minimum of 1 million m² / year of solar glass is supported or the equivalent of 150 Mwp per year.
3. The production line fits to an open floor industrial space of no more than 6.000 m².

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4. The power required to operate the line does not exceed 1 MWp including support equipment such as electrical lifts etc.
5. The target for the line availability is a minimum of 11 months per year.
6. The line supports fully automated traceability of stage testing for the produced modules. The test data will be available to both Brite and the customer for the produced panels, and the information should be stored in the panel itself.

This RFQ is seeking offers for certifying / validating that the installed line adheres to the design requirements / specifications. In addition, the line needs to be certified that adheres to the CE quality and manufacturing protocol.

Criteria of selection:

- **Technical knowledge and practical experience with PV manufacturing**
- **Technical knowledge and practical experience with automated production lines**
- **Demonstration of understanding of the line specification**

Awarding criteria:

- **Schedule / time of completion**
- **Cost**

The received quotes / proposals will be evaluated within 1 week of the closing date. Non-selected proposals can submit an appeal within 3 days from the time of notification of the evaluation result. All quotes should refer to **RFQ: ProSol 2** and be submitted electronically to:

info@britesolar.com

All questions or other inquiries concerning this quote should be addressed to the point of contact for this procurement who is:

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Iceland 
Liechtenstein
Norway grants

Project supported by a grant from Iceland, Liechtenstein and Norway through the EEA Financial Mechanism 2014-2021, in the frame of the Programme "Business Innovation Greece