

**Minutes of the Pre-Bid Meeting Held on Thursday, 24 July 2025 at
Conference room in admin Block PAF-IAST, Haripur.**

The pre-bid meeting for the tender advertised " Design, Supply, Installation & Commissioning of IMW Solar System at Pak Austria Fachhochschule: Institute of Applied Sciences and Technology Haripur " was held on Thursday 24 July 2025 at 11:30 hrs. at conference room in admin block PAF-IAST. The following officials from PAF-IAST participated.

1. Manager Planning and Works: Engr. Atta Ullah Khan
2. Deputy Director QEC: Mr. Safi Ur Rehman Shah
3. Assistant Manager (P&D): Engr. Awais Asghar
4. Assistant Manager Works: Engr. Waqas Rahim

The following bidders have participated in pre-bid meetings whose details are as follows:

1. Makkah Builders
2. Energy Solution limited
3. Techno Time Construction company
4. Al Rehman & Co Pvt Ltd
5. Beacon Energy Pvt Ltd
6. RS Energy Pvt Ltd
7. NRTC Haripur
8. AWK Pvt Ltd

The meeting started at a given time and Manager Planning & Works PAF-IAST chaired the meeting. Manager Planning and Works give a brief introduction about the IMW Solar system at PAF-IAST and give some details about the tentative locations for installation of PV modules. After that, bidders were allowed to ask questions/queries regarding bidding documents/projects. The details of the bidder's queries and the response of PAF-IAST Team are as follows:

S.No	Queries Raised By bidders	PAF-IAST Decision
1.	The bidders suggested that the bidding documents should include a comprehensive Bill of Quantities (BOQ). This will ensure all bidders are quoting against the same set of items and quantities.	It was decided that another Pre-bid meeting should be called where bidders give their presentation along with solutions. After that BOQ will be added in tender documents
2.	The bidder recommended increasing the wind speed bearing capacity of the mounting structure from 130 km/h to 150 km/h.	The committee acknowledged the suggestion and agreed to revise the specification accordingly.
3.	The rating of generators and transformers those are associated with buildings that are in consideration for installation of PV modules should be included in tender documents	The details rating of each will be added in revised documents.



4.	The payment milestone should be added in tender documents	The details about the phase of payment will be added to revised documents.
5.	The details about the capacitor bank for net metering are not included in tender documents.	The specifications and details about the capacitor's bank will be included in the revised documents.
6.	The duration for net metering approval should be considered separate from the standard solar system installation and commissioning timeline. Typically, net metering approval requires a minimum of six months. Therefore, the standard scope should exclude net metering processing time.	The PAF-IAST agree with your suggestion. The requested point will be incorporated in revised documents.
6.	The bidders raised a query regarding the main mounting structure's base height, noting that the specified 3-inch base is insufficient. It was recommended to increase the base height to at least 8- 12 inches for better durability and protection.	The committee acknowledged the suggestion and agreed to revise the specification accordingly.
7.	The bidder queried about installing the inverter on the rooftop near the PV modules.	The committee did not accept this request and advised that, as a first preference, the inverter should be installed in the power room of each building. Installation on the top floor may be considered if the power room is not feasible.

It was also appraised that the tender will be executed on E-PADs as per the instruction given by KPPRA, subject to the provision of admin user account before the tender opening date, the corrigendum will be issued regarding this.

