



REGISTERED/IMMEDIATE
Margalla Heavy Industries Limited
C/o

Commercial Directorate
(Commercial Proc Branch)
Taxila Cantt, Pakistan
Tel: 051 9315333-62933
Fax No. 051 9315029&31
1528-1/Solar Panel/ASRF/Proc/MHIL

05 April 2024

To: M/s _____
(All Concerned)

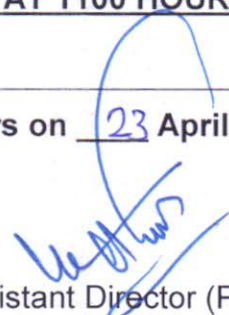
Subject: **REQUEST FOR PROPOSAL (RFP) FOR ESTABLISHMENT OF SOLAR PANEL ASSEMBLY LINE**

Dear Sir,

1. Margalla Heavy Industries Limited (Margalla HIL) subsidiary of Heavy Industries Taxila (HIT) invites proposals from reputable and renowned firms / companies having sound financial background and relevant experience in the field of Establishment of Solar Panel Assembly Line at Margalla HIL C/O Heavy Industries Taxila.
2. Request for (**Two Stage Two Envelope**) proposal document is attached.
3. The proposal complete in all respects in sealed envelopes should reach following address and be clearly marked as **Establishment of Solar Panel Assembly Line**. "Pre-qualified / short listed firms / companies will be asked to provide technical specifications and commercial quotations on which the firms will furnish their proposed solution and financial offers". Address detail on sealed envelopes is as under:-

<u>REQUEST FOR PROPOSAL</u>		<u>REGISTERED</u>
TO:	ASSISTANT DIRECTOR MARGALLA HIL	
REQUEST FOR PROPOSAL INQUIRY NO:	<u>1528-1/Solar Panel/ASRF/Proc/MHIL</u>	
	<u>dated April 2024</u>	
TO BE OPEND ON:	<u>23 April 2024 AT 1100 HOURS</u>	
FROM: M/S _____		

4. The proposal shall be opened for acceptance till **1030 hours** on **23 April 2024**.


Major
Assistant Director (Procurement)
(Usman Anwar Kayani)



Margalla Heavy Industries Limited, Taxila Cantonment

Request for Proposal (RFP)

For

Establishment of Solar Panel Assembly Line

SOLAR PANEL ASSEMBLY LINE – REQUEST FOR QUOTATION / PROPOSAL

1. Introduction:

- a. Heavy Industries Taxila is one of the largest defence products manufacturer and has grown into a military industrial complex since its foundation 1971. HIT undertakes heavy engineering works for Pakistan's military and for the civilian law enforcement agencies alongwith various commercial projects.
- b. The purpose of the RFQ, is to identify best potential suppliers of solar panels assembling machinery / plant.
- c. By offering competitively priced solar panels, HIT intends to make solar energy more accessible to consumers, leading to long-term cost savings on their energy bills.
- d. The solar energy sector is expected to have sustained growth in the coming years. Establishing a solar panel assembling line is a long-term investment that will position HIT for success in a rapidly evolving and expanding industry.

2. **Background.** HIT intends to make itself leading renewable energy solutions provider, innovative technology firm. HIT is embarking on a strategic expansion to strengthen its commitment to sustainable energy practices. With a vision to promote clean and renewable energy sources, we aim to establish a state-of-the-art Solar Panel Assembling Line at HIT and sell solar panels in commercial and residential sector.

3. **Project Overview.** Establishment of a solar panel assembling line to meet the increasing demand for high-quality solar panels in the market as part of our commitment to advancing renewable energy.

4. **Objectives.** The primary objective of this project is to set up a Solar Panel Assembling Line that can produce top-tier solar panels with maximum efficiency. By investing in the manufacturing process, we aim to enhance our capabilities and sell solar panels to residential / commercial sector in order to reduce production costs and make clean energy solutions more accessible to our customers.

5. **Scope of Work.** The scope of work includes but is not limited to:

- a. **Facility Design.** Design a layout for the assembling line, ensuring optimal space utilization and workflow efficiency.

- b. **Equipment Selection.** Recommend and provide specifications for the necessary machinery and equipment required for the assembling process.
- c. **Installation.** Execute the installation / commissioning of the assembling line ensuring adherence to industry standards, safety regulations and compliance with international certifications.
- d. **Testing and Quality Assurance.** Implement a comprehensive testing and quality assurance process to guarantee the reliability and performance of the solar panels being assembled.
- e. **Training.** Provide training sessions for our staff to operate and maintain the assembling line effectively.
- f. **Continuous Supply of Raw Materials.**
 - (1) Provision all the raw materials involved in assembling of Solar Panels (including solar cells, stringers, fingers, Bus-bars, aluminum frames, PV back sheet, EVA films, laminators, Junction boxes, Silicone Sealant, Glasses, testers etc) at optimum cost to ensure financial viability for selling / marketing solar panels being assembled.
 - (2) Initially firm will be responsible for provision of raw material, however, firm should provide details of vendors / share sources for proc of raw material for subsequent production.
- g. **Ongoing Technical Support & Assistance.** Provide technical support in terms of training sessions, maintenance of machinery for efficient production and technical support / assistance to overcome any emerging issues.

6. **Qualifications of Vendors / Suppliers**

- a. **Industry Experience:**
 - (1) Proven track record in the establishment of solar panel assembling lines at various locations (inland / abroad) including in designing and implementing solar panel manufacturing processes.
 - (2) Combination of technical expertise, industry knowledge, business acumen and a focus on quality and sustainability for establishing and running a successful solar panel assembling line.

