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INVITATION TO e-BID

NIP invites **electronic bids** from the original firm (duly registered) for the **installation of 25 KW solar system**.

SCOPE OF WORK

| Items | Description | Qty |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Solar Panels | 585±10 Wp Half Cut Monocrystalline Brand: Longi HiMo-6X or Jinko N type BF or equivalent | 42 Nos |
| On-Grid Inverter | On-Grid Power Inverter with WiFi module, 3 phase Brand: Growatt X2 Pro 15 KW or equivalent | 01 No |
| Hybrid Inverter | Hybrid Power Inverter IP21 with Wifi module Brand: G-Power 06Kw or Inverex or equivalent | 02 Nos |
| Mounting Structure | Standard 14 Gauge Galvanized Iron (GI) channel for fixing of solar panels with stainless steel nuts and bolts. Structure fixed with Imported rawal bolts and epoxy chemical. L-3 type | 14 Sets |
| Battery | Lithium Iron Phosphate Battery bank 51.2V 100Ah Brand: G-Power or Narada 5.2KW or equivalent | 1 No |
| Cabling | DC Power cables, Pure Copper, Single core 6mm AC Power cables, Pure Copper, Four core 6mm Distribution Box, AC & DC Circuit Breakers, MC4 Connectors, Flexible pipes, PVC pipes and Ducts etc. | 1000 Ft 35 ft |
| Distribution Box | Distribution Box, AC & DC Circuit Breakers, MC4 Connectors, Flexible pipes, PVC pipes and Ducts etc. | |
| Installation, Commissioning | Installation, Commissioning, Transportation and Testing etc. Separate Earthing for AC and DC circuits with lightening arrestor, Main Disconnect Switch with Lockable box 100Amp | Job 01 Job 02 01 No |
| Net-metering | File preparation, submission and follow up for net-metering process till obtaining power generation license. NEPRA / IESCO Fee for power generation License and Demand Note / Price of Bi-directional meter. | |

Terms and Conditions:

1. NIP invites e-bids from the *reputed firms/Contractors* registered with FBR, member of local chamber of commerce & Industry and having ISO quality management system certification Council. Minimum 10 years of relevant experience, must be actively doing solar projects. Firm is not black listed by any firm or Govt. Department and should have minimum annual financial Turnover of Rs. 5 Million. Registered with PEC in category C-6
2. e-Bidding documents as per regulations, comprising of detailed terms and conditions, specifications and requirements etc. are available for the registered bidders on EPADS at (www.eprocure.gov.pk)
3. The electronic bids, must be submitted by using EPADS on or before **March 24, 2025 at 1400 hrs.** Manual bids, shall not be accepted. Electronic bids will be opened on the same day at **1430 hours.**
4. The Bidder must upload the receipt of refundable/adjustable 2% of the total quoted amount as earnest money in shape of payorder/bank draft in favor of the Director, National Institute of Psychology, Centre of Excellence, Quaid-i-Azam University, Islamabad. The tenders without earnest money or containing less earnest money will not be accepted.
5. Original Bid Security instrument must be submitted to the undersigned before online submission deadline of the bid
6. The bids shall be valid for 30 working days from the date of submission.
7. The tender notice is only an invitation to offer, and NIP does not bind itself to accept any tender and reserves the right to reject any offer as per PPRA Rules.

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