



Project Management Office (PMO)  
Sindh Barrages Improvement Project (SBIP)  
IRRIGATION DEPARTMENT

Bungalow # F/77 Block 7, Kehkashan, Clifton Karachi,  
Phone # 021-35297041 Website: [www.sbip.org.pk](http://www.sbip.org.pk)

**REQUEST FOR QUOTATIONS**

The Government of Sindh through Irrigation Department is implementing **Sindh Barrages Improvement Project Phase-I, Rehabilitation and Modernization of Guddu Barrage (Project ID No. P 131324)** with financial assistance of the World Bank under International Development Association (IDA) No. 5684-PK for Barrage & Head works Gate replacement, River Training Works and Construction of Staff Colony-Office at Guddu Barrage Kashmore Sukkur.

Project Management Office, Sindh Barrages Improvement Project established within the Irrigation Department invites sealed quotations from the reputed GST registered Firms, Manufactures, Authorized Dealers and Distributors having previous experience to provide Hybrid Solar Inverter with 5KVA Power having minimum following specifications:

**INVERTER**

Voltage: 230 VAC, Selectable Voltage Range: 170-280 VAC (For Personal Computers); 90-280 VAC (For Home Appliances), Frequency Range: 50 Hz/60 Hz (Auto sensing), Rated Power 5000VA / 4000W, AC Voltage Regulation (Batt. Mode): 230 VAC  $\pm$  5%, Surge Power: 10000VA, Efficiency (Peak): 93%, Transfer Time: 10 ms (For Personal Computers) ; 20 ms (For Home Appliances), Waveform: Pure sine wave, Battery Voltage: 48 VDC, Floating Charge Voltage: 54 VDC, Overcharge Protection: 60 VDC, Standby Power Consumption: 2 W, Maximum PV Array Open Circuit Voltage: 105VDC, Maximum Solar Charge Current: 50 A, Maximum AC Charge Current: 60 A, Maximum Charge Current: 110 A, Dimension, D x W x H (mm): 120 x 295 x 468, Net Weight (kgs) 9.8, Humidity 5% to 95% Relative Humidity (Non-condensing), Operating Temperature 0°C - 55°C, Storage Temperature: -15°C - 60°C.

***The Subject items will be procured under Procurement Guide Lines of the World Bank.***

Companies having previous experience of above work may quote their competitive prices on or before 2<sup>nd</sup> November, 2017.

Delivery time : Within 3 days after issuance of purchase order.  
Mode of payment : Through crossed cheque after delivery of items.  
Place of Delivery : Project Management Office  
Sindh Barrages Improvement Project  
Bungalow # F/77 Block 7, Kehkashan, Clifton Karachi,  
Services Clifton Karachi,  
Phone # 021-35297041.

The quotations with complete details of the quoted item may be addressed and submitted to the following on the address given below:

The delivery of equipment's will be required within 3 days after issuance of purchase order. The quotations with complete details from the companies /authorized dealers may be addressed to the Project Director, PMO and submitted to the address given bellow:

Shafquat Hussain Wadho

Project Director  
Project Management Office  
Sindh Barrages Improvement Project  
Irrigation Department  
Bungalow No. F/77 Block 7, Kehkashan, Clifton Karachi,  
Phone # 021-35297041.  
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