

TENDER NOTICE
(For placing on the web site)

1. For a village electrification project, being undertaken by NUST Consulting, sealed bids required from well reputed firms for supply of the following items:- (Detailed specifications of the items are available with the bid document(s))

LOT # 1(SOLAR PUMPING SYSTEM)
Equipment

	<u>Item Description</u>	<u>Quantity</u>
1.	Solar Panel 120W@12V (720W) (Mono-crystalline)	6 Pcs
2.	Submersible Pump with Controller (for TDH = 180 ft, Water delivery 7650 L/day)	1
3.	Dry run Protection Probe, Float Switch and Splice Kit	01 Each
4.	Metallic Panel mounting Structure (with weather protected paint)	06 Rack
5.	4 Core DC Cable (10AWG)	85 m
6.	4 Core DC Cable (1.5mm ²) for Probe	85 m
7.	4 Core DC Cable (2.5mm ²) for solar panel	20 m
8.	40mm HDPE Pipe	150 m
9.	HDPE Fittings, Accessories etc	01 Lot
10.	Steel wire for hanging pump	20 m
11.	Positive Grounding (Earthing) Kit	1
12.	PV Disconnect switch 200V/20A	1

Civil Works

1	Construction of RCC storage tank of size 15 cubic meter (wall thickness 4.5 “)	one
2	9 inches thick & 1.5 ft high wall over the top of the well with inner diameter 5 feet.	one
3	Placement of 3 inches thick RCC slab (diameter 6 ft 6 inches) on the top of the well.	one
4	Improving water column in the well by digging / excavating further 07 feet below the existing depth level of 40 ft; dressing of well bed with gravels and brick lining of excavated portion of well.	one

LOT # 2(SOLAR HOME SYSTEM)
Equipment

<u>Serial No.</u>	<u>Item Description</u>	<u>Quantity</u>
1	Solar Array 60 W, 12V system (Mono-crystalline)	56
2	CFL (IP-27) with holder and back box (10 W, 12 VDC)	180
3	CFL threading type (IP-27) with holder and back box (6 W, 12 VDC)	120
4	LED Light threading type (IP-27) with holder and back box (1 W, 12VDC)	62
5	Battery, Maintenance Free Gel Type (100 Ah & 12 V DC)	58
6	Charge Controller (1 0 amps)	58
7	DC Cable (11 AWG)	3000 ft
8	DC Cable (15 AWG)	12000 ft
9	Wiring PVC channel ducts (¾ inch)	4000 ft
10	Flexible PVC Pipe	1200 ft
11	Panel Mounting Structure (Pole mounted, with metallic weather protected paint)	30

12	Panel Mounting Structure (Surface mounted with metallic weather protected paint)	26
13	Battery Box (metallic)	60
14	Distribution Box (with lights On/ Off switches plus socket for mobile charging)	60
15	Circuit breaker (5 Amp)	60
16	ON/OFF Switches with back boxes	350

Civil Works

1	Installation of Pole mounting structure thru concrete. Details given in Exhibit A	30
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2. Terms and conditions and details of the bidding procedure are available in the bid document which may be collected at the price of **Rs 8000/-** (non refundable) from NUST Consulting Office during office hours (0900hrs-1700hrs) with effect from **24-04-2009**:

Admin Officer, NUST Consulting
Tamiz ud Din Road, Lalkurti
Rawalpindi Cantt
Tel: 051/9271585 & 051/5121465

3. A supplier may only bid for any one lot.
4. Sealed bids, clearly marked "Village Electrification Project'-Solar Pumping System" **LOT # 1** "Village Electrification Project'-Solar Home Systems" **LOT # 2** or **both LOTS** would have to be submitted. 2% of bid price (refundable) will be submitted as Bid Security along with the offer. The Bid Security shall be, at the option of the bidder, in the form of Deposit at Call or a Bank Guarantee issued by a Scheduled Bank in Pakistan or from a foreign Bank duly counter guaranteed by a Scheduled Bank in Pakistan or an insurance Company having at least AA rating from PACRA/JCR in favor of the NUST Consulting. The bids should reach the office of Admin Officer NUST Consulting, Tamizuddin road, Lalkurti, Rawalpindi Cantt by 1100 hours on or before 11 May, 2009. Bids will be opened in the presence of the representatives of the participating firms on 11-05-2009 at 1200 hours