



WWF-Pakistan
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Pakistan

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Subject: Request for Quotation

Dated: 25 March 2022

‘Scaling up Nature-based Solutions for Improving Integrated Water Resources Management and Enhanced Water Security in Pakistan’ proposes to undertake demonstrations of Nature-based Solutions (NbS), including Ecosystem-based Adaptation (EbA) interventions that will improve water security and governance, build resilience to climate change for the communities at the target sites in Gilgit-Baltistan (GB) and Khyber Pakhtunkhwa (KP), and enable the government and relevant stakeholders to implement and replicate NbS in Pakistan for building climate change resilience.

To ensure that the NbS interventions are sustained and continue to be effective, the project will ensure that climate-adapted, community-based natural resource management is implemented locally and that capacity and coordination for NbS are enhanced across government departments and other stakeholders. The capacity development interventions for the government will be critical to scale and replicate these approaches.

As we are installing off-grid solar systems with some backup to ensure that our offices have an uninterrupted power supply. We, therefore, request quotations for the following:

Two 10-12kv off-grid solar units with three hours back up for the towns of Abbottabad and Gilgit.

Details are given below:

Karachi	Bungalow # 35-D, Block-6, P.E.C.H.S., Shahrah-e-Faisal, Karachi Tel: +92 21 34544791-235693475, Fax: +92 21 34544790 , E-mail: karachi@wwf.org.pk	President: Nadeem Khalid
Islamabad	3–Constitution Avenue, Ground floor, Pakistan Academy of Sciences, Building Sector, G-5/2, Islamabad Tel: +92 51 22700-23, Fax: +92 51 2270029 , E-mail: islamabad@wwf.org.pk	Director General: Hammad Naqi Khan
Peshawar	House No. 2-A Circular Road, University Town, Peshawar Tel: +92 91 5841593, 5852845-6, Fax: +92 91 5841594 , E-mail: peshawar@wwf.org.pk	President Emeritus: Syed Babar Ali
Quetta	Killi Gishkori, Sabzal Road, Quetta Tel: +92 81 2452251, Fax: +92 81 2452250, E-mail: quetta@wwf.org.pk	V.P. Emeritus: Brig. Mukhtar Ahmed
Gilgit	GCIC, NLI Colony, Near Imamia Eid Gah, Shahrah-e-Quaid-e-Azam, Jatial, Gilgit Tel: +92 5811 455725, Fax: +92 5811 455688	



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Daily Power usage on Solar Power (Aggregate) – Abbottabad office					
Appliances	No.	Power		Daily Usage (hours)	
		W	Total	Usage Time	Energy
Light (LED)	40	25	1,000	8	8,000
Ceiling Fans	15	90	1,350	8	10,800
Printer	4	600	2,400	3	7,200
Water Dispenser	1	500	500	24	12,000
Scanner	2	500	1,000	1	1,000
Laptops	15	50	750	8	6,000
Kitchen appliances	3	1,500	4,500	8	36,000
PABX	1	250	250	8	2,000
Photocopier	1	3,000	3,000	8	24,000
Invertor AC	6	2,500	15,000	8	120,000
LED TV	1	250	250	8	2,000
Security system	1	700	700	24	16,800
Refrigerator	1	1,000	1,000	24	24,000
Min 12 hours back up of 40 lights 15 ceiling fans, PABX and security system needed					

Daily Power usage on Solar Power (Aggregate) – Gilgit office					
Appliances	No.	Power		Daily Usage (hours)	
		W	Total	Usage Time	Energy
Light (LED/SMD)	40	25	1,000	8	8,000
Ceiling Fans	12	90	1,080	8	8,640
Printer	2	600	1,200	3	3,600
Water Dispenser	1	500	500	24	12,000
Scanner	5	50	250	8	2,000
Laptops	9	1,500	13,500	8	108,000
Kitchen appliances	1	500	500	24	12,000

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PABX	1	3,000	3,000	8	24,000
Photocopier	1	2,500	2,500	8	20,000
Invertor AC	6	250	1,500	1	1,500
LED TV	1	1,000	1,000	24	24,000
Security system	1	700	700	24	16,800
Refrigerator	1	1,000	1,000	24	24,000
Min 12 hours back up of 40 lights 12 ceiling fans, PABX and security system needed					

Five 3-5kv off-grid solar system in Pattan Town, Kohistan, Shinkari Town, Siran Valley, Haripur city, Haripur, Skardu, town, GB and Hunza Town, GB.

Daily Power usage on Solar Power (Aggregate) – Hunza field office					
Appliances	No.	Power		Daily Usage (hours)	
		W	Total	Usage Time	Energy
Light (LED/SMD)	8	25	200	8	1,600
Ceiling Fans	4	90	360	8	2,880
Printer	1	600	600	2	1,200
Water Dispenser	1	500	500	10	5,000
Laptop	4	50	200	6	1,200
Kitchen appliances	1	1,500	1,500	8	12,000
Scanner	1	500	500	1	500
Invertor AC	3	2,500	7,500	8	60,000
LED TV	1	250	250	1	250
Refrigerator	1	1,000	1,000	20	20,000
Minimum 12 hour back up system of lights and 2 ceiling fans needed					

Daily Power usage on Solar Power (Aggregate)- Skardu field office					
Appliances	No.	Power		Daily Usage (hours)	
		W	Total	Usage Time	Energy
Bulbs	6	25	150	6	900
Ceiling Fans	4	90	360	6	2,160

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Printer	1	600	600	2	1,200
Water Dispenser	1	500	500	10	5,000
Laptop	4	50	200	6	1,200
Kitchen appliances	1	1,500	1,500	8	12,000
Scanner	1	500	500	2	1,000
Invertor AC/Fan heater	3	2,500	7,500	6	45,000
LEDs TV	1	250	250	1	250
Refrigerator	1	1,000	1,000	20	20,000
Minimum 12 hours back up system of lights and 2 ceiling fans needed					

Daily Power usage on Solar Power (Aggregate) – Haripur field office					
Appliances	No.	Power		Daily Usage (hours)	
		W	Total	Usage Time	Energy
Bulbs	15	25	375	8	3,000
Ceiling Fans	8	90	720	8	5,760
Printer	2	600	1,200	3	3,600
Water Dispenser	1	500	500	24	12,000
Laptop	5	50	250	8	2,000
Kitchen appliances	3	1,500	4,500	8	36,000
Scanner	1	500	500	24	12,000
Photocopier	1	3,000	3,000	8	24,000
Invertor AC/Oil heater	4	2,500	10,000	8	80,000
LEDs	1	250	250	1	250
Refrigerator	1	1,000	1,000	24	24,000
Minimum 12 hours back up system of lights and 8 ceiling fans needed					

Daily Power usage on Solar Power (Aggregate). - Palas field office					
Appliances	No.	Power		Daily Usage (hours)	
		W	Total	Usage Time	Energy
Bulbs	15	25	375	8	3,000
Ceiling Fans	8	90	720	8	5,760
Printer	2	600	1,200	3	3,600
Water Dispenser	1	500	500	24	12,000
Laptop	5	50	250	8	2,000

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Kitchen appliances	3	1,500	4,500	8	36,000
Scanner	1	500	500	24	12,000
Photocopier	1	3,000	3,000	4	12,000
Invertor AC/Oil heater	5	2,500	12,500	8	100,000
LEDs	1	250	250	1	250
Refrigerator	1	1,000	1,000	24	24,000
Minimum 12 hours back up system of lights and 8 ceiling fans needed					

Daily Power usage on Solar Power (Aggregate) – Siran field office					
Appliances	No.	Power		Daily Usage (hours)	
		W	Total	Usage Time	Energy
Bulbs	15	25	375	8	3,000
Ceiling Fans	6	90	540	8	4,320
Printer	2	600	1,200	3	3,600
Water Dispenser	1	500	500	24	12,000
Laptop	5	50	250	8	2,000
Kitchen appliances	3	1,500	4,500	8	36,000
Scanner	1	500	500	24	12,000
Photocopier	1	3,000	3,000	4	12,000
Invertor AC/Oil heater	4	2,500	10,000	8	80,000
LEDs	1	250	250	1	250
Refrigerator	1	1,000	1,000	24	24,000
Minimum 12 hours back up system of lights and 6 ceiling fans needed					

Please note that there may some variation within the offices which can be adjusted at the time of installation.

Specifications:

- The company must be registered with AEDB and all equipment (panels should be Grade A – Tier 1) and installation should be in accordance with AEDB standards.

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**Approved as a non-profit organization U/S 2 (36) of the Income Tax Ordinance, 2001
Tax Exemptions U/S 150, 151 and 153 (1)(a) and (b) of the Income Tax Ordinance, 2001**



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- At least one completion certificate of a previous project must be included as part of the quotation.

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