



EMA

Euro-Mediterran-Arabischer Länderverein
المنظمة العربية الأورومتوسطية للتعاون الإقتصادي
Euro-Mediterranean-Arab Association

Consulting/Bau/Ausrüstung, Solarpumpen für die Land-wirtschaft

22.06.2021

EMA Referenznummer: 2021-06-22_5

Land: Sudan
Finanzierung: Afrikan. Entwicklungsbank, -fonds (BAD/FAD/NTF)
Referenznummer: AfDB-P759610-06/21
Betreff: SOLAR (PV) POWERED PUMPING FOR
IRRIGATION; General Procurement Notice

Vorgesehen:

die Regierung Sudans hat Finanzmittel für ein Projekt zur Förderung von solarbetriebenen Pumpen für die Bewässerung in der Landwirtschaft in Schamal Kurdufan und Gharb Kurdufan erhalten und plant Beratungs- und Bauleistungen sowie Lieferungen auszuschreiben; das Projekt umfasst die folgenden Komponenten:

- Solarbetriebene Pumpsysteme: Auslegung, Lieferung und Installation von solarbetriebenen Pumpen, Durchführung von Schulungen zu Betrieb, Wartung und Reparatur der Pumpen, Lieferung von Ausrüstung für Prüflabore
- Projektentwicklung und -überwachung
- Kompetenzaufbau und sowie Stärkung der institutionellen Kapazitäten: Beurteilung des Schulungsbedarfs, Grundlagenerhebung Grundwasser, Nachhaltigkeitsbeurteilung sowie Machbarkeitsstudien
- Umsetzung des Umwelt- und Sozialplans

Weitere Details entnehmen Sie bitte dem nachfolgenden Originaltext:

The Republic of Sudan

SOLAR (PV) POWERED PUMPING FOR IRRIGATION (DESERT-TO-POWER INITIATIVE)



EMA

Euro-Mediterran-Arabischer Länderverein
المنظمة العربية الأورومتوسطية للتعاون الإقتصادي
Euro-Mediterranean-Arab Association

GENERAL PROCUREMENT NOTICE

1. The Republic of Sudan has received a grant from the African Development Bank Group to finance the SOLAR (PV) POWERED PUMPING FOR IRRIGATION (DESERT-TO-POWER INITIATIVE) Project.

1. The principal objectives of this project are to: help farmers reduce their dependency on imported fossil fuels through the adoption of renewable energy for water supply for irrigation to foster economic and social development by increasing crop production in agricultural areas in North Kordofan and West Kordofan states. Ultimately, the project will contribute to the promotion of the application of renewable energy in agriculture, improving farmers' income by increasing yields and improving livelihoods, reducing GHG emissions, fostering sustainable economic growth by using cheaper irrigation options, and reducing poverty in the Sudan.

1. The project includes the following components:

3.1 Solar powered pumping systems, workshop and testing equipment for solar PV pump: Design, supply and installation of:

1. Solar photovoltaic (PV) powered pumps to replace diesel-based irrigation water pumps in farmlands (The project will install 1,170 solar power pumps, which will benefit 1,170 farmers by replacing an equivalent number of diesel water pumps in North and West Kordofan states);

2. Establishment of one workshop in North Kordofan and one in West Kordofan for maintenance, servicing and repair of the solar powered pumps; and

3. Supply of additional testing equipment for the solar PV pumps testing laboratory to ensure quality standards, quality assurance, testing and certification, and training and capacity building.

3.2 Consultancy Services for Project Engineering and Supervision

3.3 Capacity building and technical Assistance to strengthen the institutional capacity of the Executing Agency to envision and take action in other similar projects. Under this component, studies will be conducted for:

1. Training needs assessment;

2. Special studies (Nationally Appropriate Mitigation Action (NAMA));

3. Groundwater assessment, baseline survey;

4. Solar water pumping system sustainability assessment; and



EMA

Euro-Mediterran-Arabischer Länderverein
المنظمة العربية الأورومتوسطية للتعاون الإقتصادي
Euro-Mediterranean-Arab Association

5. Feasibility study for 6 states.

3.4 Implementation of constructor's environmental and social management plan (C-ESMP).

1. Procurement of goods and works and acquisition of consultancy Services will be carried out in accordance with the Bank's Procurement Policy for Bank Group Funded Operations, dated October 2015. Bidding documents are expected to be available in Nov. 2021.

1. Interested bidders may obtain further information, and should confirm their interest, by contacting:

Project Implementation Unit

Burri Nile street East Koper Bridge, Khartoum, Sudan

Nezar Gassem Elfadill

Tel.: +249-124940194

E-mail: abualneez999@yahoo.com