The Kingdom of Saudi Arabia
National Renewable Energy Program

Renewable Project Development Office (REPDO)
July, 2017
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Background and Targets
National Renewable Energy Program: Vision 2030

Objectives & Targets

CREATE RENEWABLE ENERGY INDUSTRY
- ENCOURAGE PUBLIC-Private partnerships
- Allow the private sector to buy & invest in RE

INVESTING FOR THE LONG TERM
- Localization is key
- Localize R&D, manufacturing & other sections of the value chain

NATIONAL RENEWABLE ENERGY PROGRAM
- Responsible for all RE related initiatives in the Kingdom
- Review legal & regulatory frameworks

9.5 GW
By 2023

By 2023
National Renewable Energy Program: Vision 2030

Objectives & Targets

9.5 GW

Accounts for 10% of the Kingdom’s total generation capacity by 2023

3.45 GW

Accounts for approx. 4% of the Kingdom’s total generation capacity by 2020
National Renewable Energy Program: Vision 2030

Project Announcements

VISION 2023 TARGET: 9.5 GW

NTP 2020 Phase (1) Target: 3.45 GW

Round 1: 700 MW
- Solar PV - Sakaka 300MW
- Wind - Dumat AlJandal - 400MW

Round 2: 1.02 GW
- Solar PV - 620MW
- Wind - 400MW

Round 3: 1.73 GW
- 10 Site Locations
National Renewable Energy Program: Vision 2030

Renewable Technologies Targeted

- Solar PV
- Wind
- Solar CSP
- W2E
- Others
National Renewable Energy Program: Vision 2030

Execution Model

Saudi Arabia is open for Business

IPP Model

• Open for Local and International companies with experience in the electricity sector

• Multiple bidders - Award goes to lowest LCOE

• PPA signed by LLC financially guaranteed by SEC
National Renewable Energy Program

Projects selected on multi-criteria basis

- Stakeholder Engagement
- Renewables GIS Analysis
- Land Availability
- Development Status
- Displacement of High Value Fuels
- Economic Development
- Long-Term Water & Power Plan (LTP)
National Renewable Energy Program

*Offtake*

REPDO responsible for preparation of all tendering documentation and Pre-development

Energy generated at the sites will be sold to a limited liability company, guaranteed by the Saudi Electricity Company (SEC)
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Approach: The NREP eProcurement Portal

All communication is managed through the portal and directed to the appropriate teams seamlessly.

Legal Team

Technical Team

Finance Team

Support Team

MEIM Team

Suppliers
National Renewable Energy Program

Important Dates for Round 1

Sakaka Solar PV Power Plant - 300 MW

Feb 20, 2017
Request for Qualification (RFQ)

Mar 20, 2017
RFQ submission deadline

Apr 17, 2017
Request for Proposal (RFP)

Sep 11, 2017
Submission Deadline

Nov, 2017
Bid Award
National Renewable Energy Program

Important Dates for Round 1

Dumat Al Jandal Wind Power Plant - 400 MW

- **Jul 16, 2017**: Request for Qualification (RFQ)
- **Aug 10, 2017**: RFQ submission deadline
- **Aug 29, 2017**: Request for Proposal (RFP)
- **Jan 25, 2018**: Submission Deadline
Thank You

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