AGENDA

Introduction to EDF Renewables [South Africa]

Our Projects

Opportunities for Women Entrepreneurs

Possible Sources of Support
1. Introduction to EDF Renewables [South Africa]
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Who are we?

EDF Renewables [South Africa] is the South African subsidiary of EDF Energies Nouvelles (EDF-EN) Group in France, which owns over 11,787 MW of renewable energy generating facilities in 22 countries.

Locally, previously known as “InnoWind (Pty) Limited”, our name changed to EDF Renewables in April 2018.

We offer wind, solar PV and storage.

- 20 employees across P.E. and Cape Town offices
  - 47% Black* employees
- Average age: 33 years
- 42% female employees to 58% male employees
- 100% locally recruited employees (+1 EDF employee)
1. Introduction to EDF Renewables [South Africa]

What do we do?

EDF Renewables develops, finances, builds, owns and operates our assets to supply energy into the national power grid through a power purchase agreement entered into with Eskom.

We own three operational wind farms which were awarded under Round 2 of the Department of Energy’s Renewable Energy Independent Power Producer Procurement Programme (REIPPPP), one wind farm in the pre-construction phase awardee in Round 4 of the REIPPPP.

All projects have an element of local community ownership and make a committed percentage of revenue available to support enterprise development and socio-economic development initiatives in the local communities near the project. This is achieved through the Grassroots Youth Development initiative.
2. Our Projects
2. Our Projects

Projects in Operation: REIPPPP Round 2

107.6 MW in operation (Round 2 projects):
- Grassridge 61.5 MW
- Waainek 24.6 MW
- Chaba 21.5 MW

All projects used Vestas V112-3MW Wind Turbines and were constructed by Vestas Southern Africa (Pty) Ltd under an Engineer Procure Construct (EPC) turnkey contract.

All sites currently operated and maintained by Vestas Southern Africa (Pty) Ltd.
2. Our Projects

Projects in Construction: Wesley-Ciskei Wind Farm

Located in the former Ciskei Homeland, near the villages of Wesley, Gcinisa and Hamburg – approximately 57km South-West of East London within the Ngqushwa Local Municipality.

Wesley-Ciskei is the **first and only** project to be awarded in a former homeland under the REIPPPP.

34.5MW consisting of **10 Vestas V126 Wind Turbines**.

Construction will commence in **October 2019** with **Commercial Operations in June 2021**.
2. Our Projects

Wesley-Ciskei Project Structure

Riverbank Wind Power (RF) (Pty) Ltd
- Wind Farm Owner

EDF Renewables (Pty) Ltd
- Management & Administration

Vestas Southern Africa (Pty) Ltd
- Construction EPC

Vestas Southern Africa (Pty) Ltd
- Operations & Maintenance

Sub-Contractor: Electrical Works
Sub-Contractor: Civil Works
Sub-Contractor: Transportation & Logistics
Vestas W/S: WTG Supply

Exact procurement strategy TBC
3. Opportunities for Women Entrepreneurs

The information provided in the following section reflects the typical opportunities available for EDF Renewables projects. The exact opportunities, requirements and processes for Wesley-Ciskei are still to be finalised.
### Typical Construction Opportunities

<table>
<thead>
<tr>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation</td>
<td>Guesthouses/ B&amp;Bs in the area</td>
</tr>
<tr>
<td>Catering Services</td>
<td>“lunch van”; catering for meetings</td>
</tr>
<tr>
<td>CCTV/ Security Services</td>
<td>Security guards and installation of CCTV/ security systems</td>
</tr>
<tr>
<td>Cleaning Services</td>
<td>Cleaning of site offices</td>
</tr>
<tr>
<td>Diesel/ Petrol Supply</td>
<td>For site plant and vehicles</td>
</tr>
<tr>
<td>Bricklayers</td>
<td>Control/ O&amp;M buildings, culvert wing walls</td>
</tr>
<tr>
<td>Civil earthworks</td>
<td>Cut/ Fill, trenching, drainage lines</td>
</tr>
<tr>
<td>Civil ancillary works</td>
<td>Culvert installation, retaining walls, fencing</td>
</tr>
</tbody>
</table>
3. Opportunities for Women Entrepreneurs

**Typical Construction Opportunities**

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<th>Description</th>
<th>Example</th>
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<tbody>
<tr>
<td>Electricians</td>
<td>Control/ O&amp;M building services installation</td>
</tr>
<tr>
<td>Painters &amp; Decorators</td>
<td>Control/ O&amp;M building</td>
</tr>
<tr>
<td>Glazing supply and installation</td>
<td>Control/ O&amp;M building</td>
</tr>
<tr>
<td>Plant hire</td>
<td>Graders, dozers, rollers etc</td>
</tr>
<tr>
<td>Roofers</td>
<td>Control/ O&amp;M building</td>
</tr>
<tr>
<td>Plumbers</td>
<td>Control/ O&amp;M building</td>
</tr>
<tr>
<td>Vehicle maintenance</td>
<td>For plant and vehicles</td>
</tr>
<tr>
<td>Sanitary Services</td>
<td>Provision of ablution blocks and disposal of sewage waste</td>
</tr>
</tbody>
</table>
### Typical Construction Opportunities

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<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>General Consultancy Services</td>
<td>Health &amp; Safety; Engineers; Architects; Project Management; Administrative Staff</td>
</tr>
<tr>
<td>Quality Management</td>
<td>Quality monitoring and control by Civil/ Electrical Engineers working for EDF/ Vestas</td>
</tr>
<tr>
<td>Environmental Services</td>
<td>Water Quality Monitoring, Environmental/ Ecological Clerk of Works</td>
</tr>
<tr>
<td>Ground Investigation</td>
<td>Intrusive investigation to Engineers’ specifications</td>
</tr>
<tr>
<td>Topographical Survey</td>
<td>Survey and setting out</td>
</tr>
<tr>
<td>Aggregate Supply</td>
<td>From licenced borrow pits only</td>
</tr>
<tr>
<td>Transportation</td>
<td>Transport of workers to/ from and around Site</td>
</tr>
</tbody>
</table>
## Typical Operations & Maintenance Opportunities

<table>
<thead>
<tr>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Consulting</td>
<td>EMPr compliance, bird &amp; bat monitoring</td>
</tr>
<tr>
<td>Fire break maintenance</td>
<td>Grass cutting around WTGs and substation</td>
</tr>
<tr>
<td>Alien vegetation management</td>
<td>Removal of alien vegetation from the site</td>
</tr>
<tr>
<td>Technical Consulting</td>
<td>End of warranty inspections, “Independent Engineer”</td>
</tr>
<tr>
<td>Control/ O&amp;M building(s)</td>
<td>General building maintenance, e.g. plumbing, LV electrical, heating/ ventilation</td>
</tr>
<tr>
<td>Site roads</td>
<td>Grading and material replacement/ re-compaction</td>
</tr>
<tr>
<td>Drainage</td>
<td>Clearing drains &amp; culverts of debris, silt &amp; vegetation</td>
</tr>
</tbody>
</table>
3. Opportunities for Women Entrepreneurs

**Typical Commercial Requirements**

- Relevant experience;
- **Company Registration** Certificate, if relevant;
- **BBBEE** and **Tax Clearance** Certificates;
- Proof of registration with the compensation commissioner (**COIDA**);
- Proof of suitable **insurance** (e.g. Contractor’s All Risks, vehicle insurance, professional liability etc);
- **Balance sheet capability** to support the value of the work to be undertaken and access to suitable financial guarantees; and
- **Competitive pricing**.

Note that all products and services must conform to the relevant SABS/ IEC standards.
3. Opportunities for Women Entrepreneurs

Typical Construction Procurement Process

Local businesses wishing to participate in the project could typically expect the following process to be followed:

1. **Registration** on the Wesley Wind Farm database – typically via the Community Liaison Officer to be based in Wesley (TBC);

2. Contractor issues an **RFI/ RFQ** to businesses registered on the database, with detailed requirements and timescales;

3. Tenders submitted by qualifying businesses are **assessed against the contractors’ criteria** (e.g. technical compliance, price etc);

4. **Contractor awards the contract**.

EDF Renewables is not directly involved in the procurement of goods and services for the project.
4. Potential Source of Support
4. Sources of Support

Grassroots Youth Development: Economic Development Programme

- Grassroots Youth Development ("GYD") is the socio-economic and enterprise development programme for EDF Renewables’ 3 existing wind farms.
- 0.6% of the revenue from each wind farm must be spent supporting black-owned enterprises operating in selected industries.
- Depending on current funding commitments, funding may be available to support qualifying small businesses in the 2018/19 funding cycle.
4. Sources of Support

Grassroots Youth Development: ED Funding Chaba Wind Farm

The ED programme for Chaba Wind Farm aims to support qualifying businesses in the following industries:

- Renewable Energy Technical Maintenance
- Wholesale & retail
- Security
- Textiles & manufacturing
- Professional Services
- Vegetation Management
- Agriculture
- Arts & Crafts (excluding curios)

Beneficiary organisations must be Start-Up Enterprises, Exempt Micro Enterprises or Qualifying Small Enterprises with >50% ownership by Black People, and be registered in the Komga community or within the 50km radius of the Chaba Wind Farm as depicted on the previous slide.

Full details of the qualifying criteria are available on the GYD website.
4. Sources of Support

Grassroots Youth Development: Application & Selection Process

The GYD selection methodology was developed by InnoWind/EDF Renewables in collaboration with the contracted Development Agency SPDA.

- **Application (SPDA website)**
- **Evaluation (SPDA)**
- **Top projects recommended to EDF-RE**
- **Analysis of recommendations (EDF-RE)**
- **Contracting (approved projects)**
- **Implementation, monitoring & reporting (SPDA)**
4. Sources of Support

Contacts

Grassroots Youth Development:

http://www.sofisaphillips.co.za/chaba-wind-power-gyd/

To register your interest in providing services to Wesley-Ciskei:

wesley-ciskei@edf-re.co.za
Thank You