MDC/OPI International Provides Total Residential Infrastructure at Cabinda, Angola

CLIENT SUCCESS STORY

"RSHS team played a big role in appropriately designing, procuring, and installing the facilities that enable MDC achieve its goal for providing total residential infrastructure support in Cabinda, Angola."
### About the client

Malembo Development Centre (MDC) is a 141 hectare, master-planned, phased development, designed to supply support services to the Oil and Gas industry in Cabinda. MDC was created from an existing joint venture operation in Angola between OPERATEC Lda. (Operatec) and OPI International (OPI) to specifically develop and manage the MDC (Angola) Lda and to leverage the assets, experience and track records of OPERATEC and OPI.

### Project Snapshot

<table>
<thead>
<tr>
<th>Project</th>
<th>MDC Compound and 1,440 Man Camp (Phase 1 &amp; 2) MDC/OPI International Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer</td>
<td>MDC/OPI International Ltd.</td>
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<tr>
<td>Industry</td>
<td>Building &amp; Construction</td>
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<td></td>
<td>&gt; Residential Housing</td>
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<tr>
<td>Location</td>
<td>Cabinda, Angola</td>
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<tr>
<td>Completion Date</td>
<td>Phase 1 is completed on 2013. Phase 2 is expected to be completed on April 2015.</td>
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<tr>
<td>Products Utilized</td>
<td>Sitemaster 25 Series</td>
</tr>
<tr>
<td>Project Units Implemented</td>
<td>Accommodation Units, Dining Area &amp; Kitchen Unit. Recreation Hub, Swimming Pool, Security/Guard House, Power Generation Plant, Water Storage, Water Treatment Unit, Waste Water Treatment Unit, Clinic Unit.</td>
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</tbody>
</table>

| Services Offered | Engineering & Design, Procurement, Project Logistics, Site Installation, Power Generation, Communication Services, Water & Sewage Treatment |

### Key Challenges

- Climate variable (humidity) tested the design of our provided building and facilities.
- Utilization of local labor content amidst the scarcity of trades in the region in the construction of the residential buildings and facilities.
- Compliance with National Electrical Code (NEC)
The Need

MDC (Angola) required a turnkey solution for 1440 Man Accommodation/Residential Facilities, ready-for-occupancy for various key players from oil and gas market in this exclave territory. The facility needed to be equipped with all utilities, technology, and health and leisure amenities.

Location map

Location of 1440 Man Camp at Cabinda, Angola
The Project

Red Sea Housing Services (RSHS) utilized its Sitemaster 25 Series to build the camp that will provide lodging for up to 1440 personnel housed in single and double occupant rooms, single occupant VIP suites and single family townhouses. The Medical Clinic/First Aid Station was installed for providing the residents with professionalized on-site clinic services. Providing facilities for leisure enjoy tennis and basketball courts, pool tables, large flat-screen television theatre, card room, private reading area and internet café, all are available at the facility. The facility also provides on-site waterholding tanks and treatment systems for potable water, and well-planned sewage treatment plants. The camp is also secured with power generation units, communication services, and adequate security houses.
Gym for residents
Kitchen area assembled
The 1500 man diner gave the camp a large permanent facility
Well-laid out executive living areas
Power Generation Unit
Laundry units
Retail store units

Swimming, Training units
Pressing Centre
Water Storage Tank
Water Treatment Unit
Waste Water Treatment Unit
Highlights of the project

- The location is an exclave and tropical forest region separated from Angola by a narrow territorial strip belongs to Democratic Republic of Congo.
- Comprehensive infrastructure that includes communications, logistical, laundry, medical and recreational services
- Building and facilities tested for climate variance
- Environmental codes and industry practices are met or exceeded throughout the facility