

# SERVINCA- COMPANY PROFILE



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# COMPANY PROFILE

## SERVINCA S.A.

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## BRIEF DESCRIPTION

**SERVICIOS DE INGENIERIA S.A (SERVINCA) was founded on December 29th , 1979. SERVINCA is a company 100% Dominican with Headquarters located in Santo Domingo City. Company dedicated to provide design and engineering, procurement, construction, fabrication, erection, testing, commissioning, operation and maintenance of projects in several sectors for the National construction industry, and in process of expanding to the International Market. Through 40 years of experience, our company has built important Projects for the industrial and power sectors, such as: Hydroelectric, Power Plants, Transmission and Distribution Lines, Substations, Mining process plant facilities, Renewable Energy Generation Projects and Thermal projects.**

## COMPANY PROFILE



# COMPANY PROFILE- SERVINCA S.A.



Servinca is a Multidisciplinary Company, specialized in the engineering and construction of Projects for the Industrial and Power Generation sectors. We combine knowledge and innovation to provide an efficient solution to every Project, ensuring on time delivery and client satisfaction.

Our vast experience and involvement in the execution of large important projects in the Country has allow us to continue improving our Management and Technical skills, working with an Integrated Management system to meet HSE, Quality Control, Schedule and Administration requirements

We have specialized Management, Supervision and resources for all the areas of expertise.





# 2.

**"Committed every day to work with Efficiency, Quality, Safety and Environmental Vision".**

## ORGANIZATION, PHILOSOPHY AND OBJECTIVES





# ORGANIZATION, PHILOSOPHY AND OBJECTIVES

## SOCIAL AND BUSINESS RESPONSIBILITY PHILOSOFY:

Servinca has the Philosophy of ensuring a high performance on each Project involved, with the highest standard level for Quality, Safety and environment.

We guarantee that the proper level of resources for Management and Specialized technical personnel, for Construction and Engineering areas, are assigned according to planned Schedules, accompanied with the proper Skilled labor, tools and equipment to meet every Project tasks.

### OBJECTIVES:

"100% ON TIME WITH QUALITY AND SAFETY"

To continue obtaining Good results and as part of our Constant improvement policy, we follow:


- Constant motivation to the development of its employees.
- Continued updating of company work procedures and capabilities of our employees.
- Constant internal audit of performance and immediate improvement implementation.



Clients and Directors Servinca S.A.,  
CADOCON Awards 2013




# ORGANIZATION, PHILOSOPHY AND OBJECTIVES



**SERVINCA has more than 250 experienced professionals who exercise in the different branches of the Engineering specialized in Civil, Electrical, Hydraulic and Mechanical Works that ensure a greater confidence and final satisfaction to all our clients and related. We have more than 500 employees throughout the company.**

**Our Commitment is to guarantee on time delivery of Projects by adding a high quality in the final product, following the best criteria for execution, free of defects and minimizing risks, with the goal of Zero Lost time incidents.**



**Such deliveries involve a strong commitment to each execution plan. The constant motivation of human talent, continuous improvements in management techniques, project management and construction methods, plus the rigorous maintenance of equipment and machinery.**



# COMPANY ORGANIZATION

## ORGANIZATION:

Servinca has the capacity of developing large scale Projects, as in addition to the equipment and machinery, we have a highly qualified staff for each specialized area, conformed by the following main areas as applicable for each type of project:

## GENERAL TASKS:

- Project Management
- Project Consultants.
- Project Management Assistant
- Construction Management.
- Engineering Department.
- Architecture, Document Control & Design.
- Project Controls & estimations.
- Administrative Management.
- HSE Management.
- QA/QC Management.
- Workshop & Materials Management.

These positions are managed by professionals of each specific areas, such as:

- Electrical and Instrumentation Engineering.
- Mechanical Engineering.
- Overhead Transmission and Distribution Engineering.
- Civil Engineering.
- Hydraulic Engineering
- Industrial Engineering.
- Metal Mechanical Engineering.
- Topography.

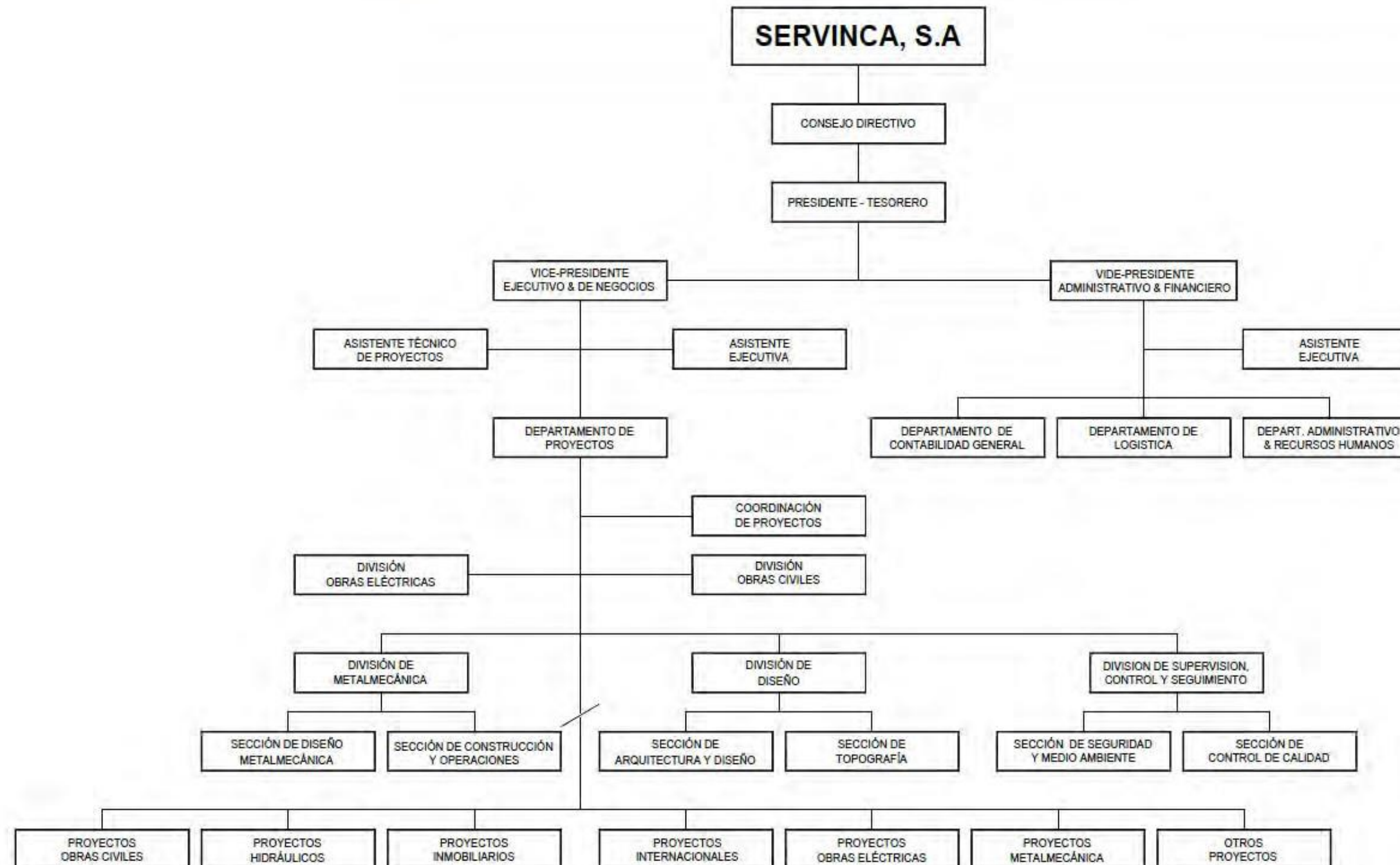


# COMPANY ORGANIZATION CHART



**SERVINCA, S.A.**  
CASA MATRIZ

**ORGANIGRAMA GENERAL**





2.

## SAFETY, HEALTH AND ENVIRONMENT POLICIES (HSE).





## **Health, Safety and Environmental Management.**

The main objectives of SERVINCA are to reduce security incidents to the minimum number allowing to have a workplace without accidents thanks to an efficient management, a continuous education and training our employees in matters of industrial safety. Our goal is Zero accidents, injuries or incidents.

### **Health and safety policy**


It is the policy of SERVINCA to have Industrial Safety and Health as an essential part of the conscience of the company. Operating in a security environment is a first-class motivation at SERVINCA, our company encourages employees to comply with regulations and to be always aware of the established rules. We achieve this through safety meetings and training for our employees. We recognize that maintaining a safe and healthy work environment is a shared responsibility.

The Prevention Policy of SERVINCA aims to promote the improvement of working conditions, in order to raise the levels of safety, health and welfare of workers.

SERVINCA has developed HSE methods that come out of the Health and Safety Manual of the Dominican Republic "Decree 522-06" together with the recommendations and specific requirements of the clients' project.



**CERTIFICATE GRANTED BY THE MINISTRY OF LABOR OF THE DOMINICAN REPUBLIC**  
**GENERAL CERTIFICATE OF HYGIENE AND INDUSTRIAL SECURITY**

		PERFORMANCE INDICATORS - HEALTH, SAFETY & ENVIROMENT (HSE)												
	Performance Indicators	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
1	Number of Fatalities	0	0	0	0	0	0	0	0	0	0	0	0	
2	Number of Incidents	0	0	1	1	0	0	0	1	1	0	0	0	TOTAL MH
3	Employees/ Contractor hours worked each year	202,717.00	584,471.00	781,897.00	1,259,122.00	1,059,160.00	1,549,805.00	1,376,884.00	1,040,229.50	788,810.00	907,165.45	1,200,116.00	65,100.00	10,815,476.95

**Severity Rate (SR)=**  $\frac{\text{Lost Day}}{\text{Hours Worked}} = \frac{0}{10,815,477.00} = 0$

Lost time Incident Rate or Lost Time Accident Frequency (LTIR/LTAF)

$$\text{LTIR} / \text{LTAF} = \frac{\text{LTI} / \text{LTA}}{\text{Hours Worked}} = \frac{0 \times 200,000}{10,815,477.00} = 0$$

$$\text{TRIR} = \frac{\text{Total Recordable Incidents} \times 200,000}{\text{Hours Worked}}$$

$$\frac{2 \times 200,000}{10,815,477.00} = 0.036984037$$

$$\text{TRI} = \text{Lost Time Incidents} / \text{Accidents} + \text{Medical Treatment} + \text{Restricted Work Case} + \text{Fatality}$$

$$\text{TIR} = 0 + 2 + 1 + 0 = 3$$





3.

## ASSURANCE AND QUALITY CONTROL POLICIES



# ASSURANCE AND QUALITY CONTROL POLICIES



## Policies and Objectives\_Quality Assurance Plan:

- Our quality of services exceeds current market expectations, taking very well in considerations of worker safety. Experience and integrity if the work team has made SERVINCA project itself as a future leader in development projects and sales services to the construction industry.
- It is Servinca's policies to provide quality construction, carry out the best engineering practices and respect the standards and specifications instructed by our clients, giving positive guarantees for adequate quality controls in accordance with the contract documents.
- Servinca is always improving the control and procurement system to meet the needs of customers and the technical specifications of the projects.
- A Plan of Inspection Points defined and agreed upon from the beginning of the works.
- The Servinca quality manual is designed to be used in all phases of the projects, during preliminary works, pre- construction, mobilization, start, executions, final tests.
- The implementation of this Quality Manual guarantees that Servinca and the subcontractors are linked to compliance with the highest quality standards.



# ASSURANCE AND QUALITY CONTROL POLICIES

## THIRD PARTY COMPANIES THAT WORK IN CONJUNCTION WITH SERVINCA

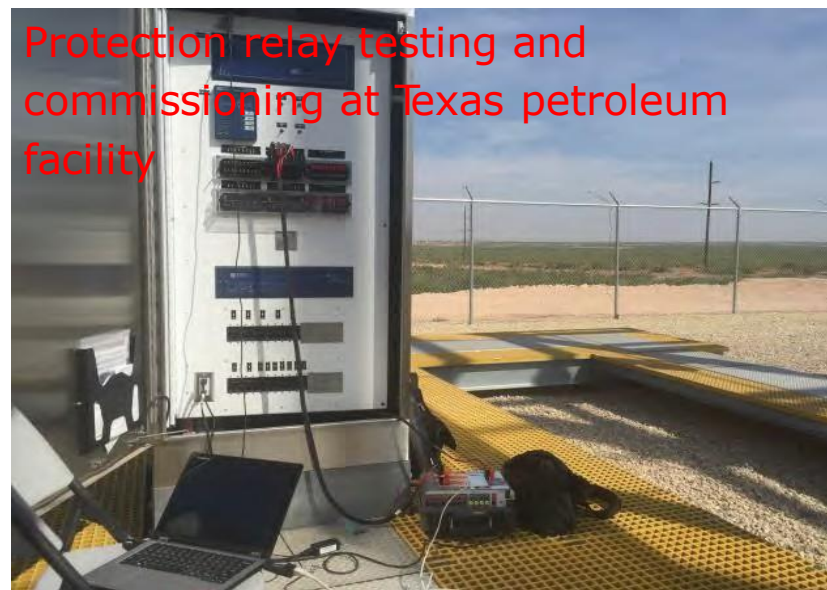
# 2GOOSE

### Generic Object Oriented Substation Engineering

Our company specializes substation electrical engineering and protection relay complete life cycle management, with over 15 years of experience in protection, automation and control of substations and generating power plants



Protection relay testing and commissioning at Texas petroleum facility



### Substation Electrical Engineering Design

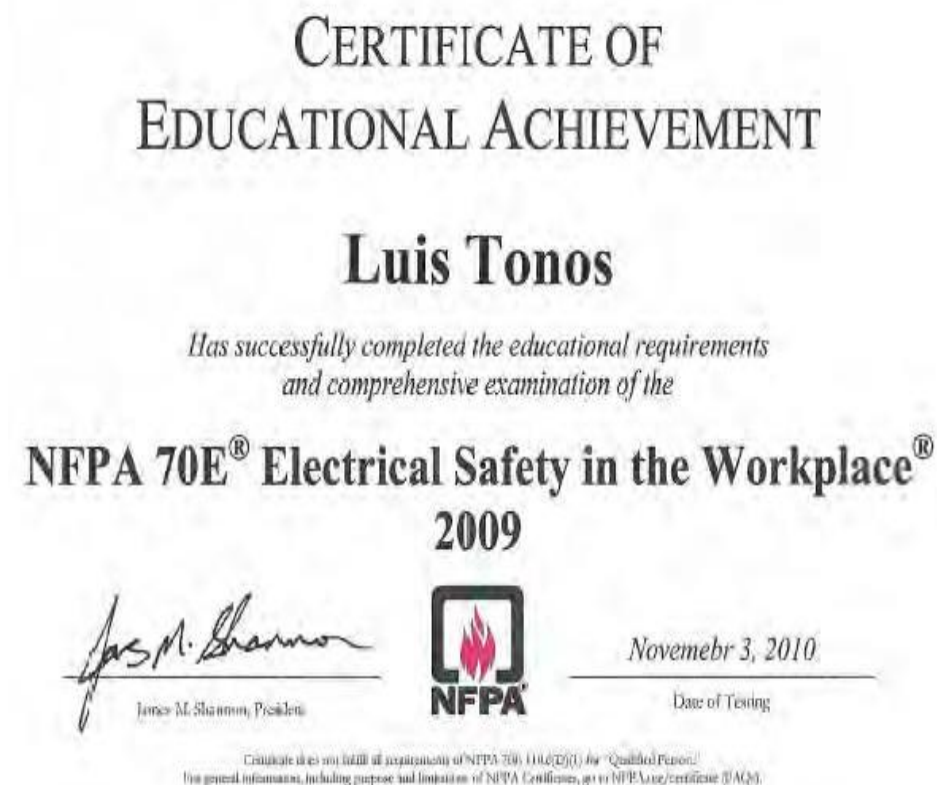
Our company can provide substation electrical engineering design that will include all detailed activities like one line drawings, AC and DC schematics, interconnection wiring diagrams, short circuit studies, protection coordination and arc flash, relay settings, an all necessary studies and calculations to complete the electrical substation design. Power system studies are done using ETAP. Our designs include improvements obtained from many years of field experience to complement desktop engineering.

#### Key characteristics

We use proprietary object oriented software for process design integration and execution control that helps improve quality, deadlines, budget, documentation and cost.

#### Key Services

- Protection relay complete lifecycle management
- Controls, SCADA and communications. Our design is using IEC 61850 GOOSE messages and fiber optics to connect IEDs in a dual star topology to obtain highly reliable and fast speed protection operation.
- Electrical engineering studies:
  - Short circuit, coordination, Arc flash
  - Ground grid design
  - Motor starting
  - Stability
  - Load flow



### Lifecycle Management

- Relay specification and selection
- Settings calculations
- Logic and protection schemes
- Installation
- Programming
- Acceptance Testing and commissioning
- Maintenance testing
- Transmission line end-to-end testing
- Events analysis and nuisance trips evaluation
- Settings database administration





# ASSURANCE AND QUALITY CONTROL POLICIES

## THIRD PARTY COMPANIES THAT WORK IN CONJUNCTION WITH SERVINCA



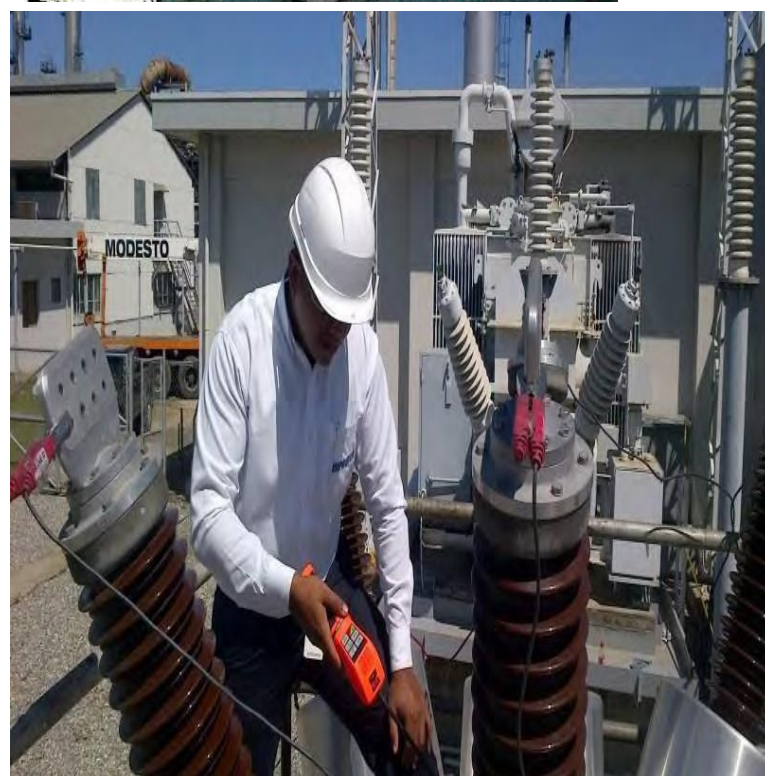
Founded in 2003, we are a Dominican company with presence and operations in Central America dedicated to providing predictive-preventive maintenance services, consultancies and activities aimed at optimizing electrical systems in the energy, industrial and commercial sectors.

We are dedicated to provide inspection and testing services in electric power installations and equipment, electrical consultancies in general, assembly, installation, evaluation and updating of electrical systems, maintenance of substations, as well as different types of improvements required to increase reliability or performance of electrical systems.

In the same way we have the TRAINING division that currently represents the main option in what refers to specialized training in the electrical area.

### SERVICE WE OFFER

- Assembly and Maintenance of Power Transformers
- Maintenance in Substations
- Assembly and Electromechanical Installations
- Adjustments and Improvements of Power Installations
- Reception of Materials and Equipment
- Electrical Tests in Substation Equipment
- Inspection and Measurement of the Earthing System
- Inspections using Infrared Thermography
- Analysis of Dielectric Oil to Transformers
- Energy Quality Studies
- Energy Efficiency Study
- Electric Arc Study according to NFPA 70 E
- Studies of Power Systems.



### ANALYSIS OF FREQUENCY RESPONSE (FRA).





# ASSURANCE AND QUALITY CONTROL POLICIES

## THIRD PARTY COMPANIES THAT WORK IN CONJUNCTION WITH SERVINCA



**GEOCONSULT, S.R.L.**  
Consultores en Geotécnia.

Geoconsult, SRL It was legally constituted on February 2nd, 1990 and formally began operating on July 2nd at the same year. Geoconsult is a consulting company that offers comprehensive services in geotechnics, geophysics and civil engineering.

We have experienced professional staff, trained technicians, infrastructure and the necessary equipment to offer services with the required levels of quality, reliability and efficiency in a generally short time.



### SERVICES OFFER

- Geotechnical research for the design of foundations.
- Study and design of road works.
- Quality control of concrete
- Quality control of landfills and works supervision.
- Geotechnical, marine and land surveys and explorations.
- Field geotechnical tests.
- Laboratory tests for soils and materials (ASTM standards)
- Basic concepts: particle size, Atterberg limits, classification, etc.
- Specials: Triaxial type UU, consolidation, direct cut.
- Analysis of the results of geophysical investigations using the following software:
  - Earthimager 1D- Vertical Electric Probes
  - 2D Earth imager - Geoelectric Profiles
  - Earthimager 3D- 3D electrical resistivity
  - Six Imager 2D - Seismic Refraction
  - PsLog (Six Imager): downhole
  - Surfseis 3.13 - MASW, VS
  - PIT-S and PIT-W- Stack integrity
  - Ground Vision 2- Radar.
  - Others.



# ASSURANCE AND QUALITY CONTROL POLICIES

## ANTICORROSIVE SERVICE – CONTROL AND INSPECTION



**Dirección:** Valle de Tumbaco / Urb. Altos de la Viña Casa 14. Quito – Ecuador  
**Teléfono:** Cell. +593-98-327-7575 / WhatsApp. +593-98-327-7575  
**Email:** [fernando26bf@gmail.com](mailto:fernando26bf@gmail.com)

**Nombre:** Diego Fernando Cañizares Pilca  
**Nacionalidad:** Ecuador  
**Fecha de Nacimiento:** Septiembre 30/1987  
**Pasaporte:** 1721292413  
**Instrucción Académica:** Tecnólogo en Mecánica Industrial  
**Lenguaje:** Ingles Intermedio (hablado).  
**Inspector Certificado en Recubrimientos: NACE CIP LEVEL 2**



### Formación:

Cursos	Duración	Institución	Año
Asistencia Técnica en Válvulas de Control.	1 mes	CARRARA S.p.A	2009
HSE Higiene, Seguridad y Medio Ambiente.	1 mes	ACINDEC S.A. Ecuador	2009
Escuela de Supervisores Industriales	60 horas.	CATEIN	2010
MS Project	20 horas.	CETEC	2012
Soporte Técnico in AutoCAD	20 horas.	CETEC	2013
Programa de Inspector de Revestimiento	60 horas.	NACE International Ecuador	2014
Programa de Inspector de Revestimiento	60 horas.	NACE International Colombia	2015
Seguridad en espacios confinados	8 horas.	Odebrecht Rep. Dominicana	2015
Prevención en Riesgos Laborales	5 horas.	Consafety	2019

### Experiencia profesional:

Compañía	Cargo	Año
SANTOS CMI	Supervisor NACE CIP Level2	04/2019 – Actual
NDT Ingeniería & Inspección	Inspector NACE CIP Level2	10/2015 – 02/2019
ACINDEC S.A.	Supervisor NACE CIP Level2	7/2014 – 9/2015
ACINDEC S.A.	Supervisor de Producción	9/2008 – 7/2014
ESTRUSA S.A.	Asistente de Producción	1/2007 – 5/2007



The NACE Institute will improve public safety and environmental protection by advocating corrosion awareness and action, and provide unparalleled qualification programs that drive corrosion industry performance.

### Search Result Detail

Name: Diego Canizares Pilca  
City: Quito  
State:  
Postal Code/Zipcode: 170184  
Country/Territory: ECUADOR  
Email: [Click to send email](mailto:fernando26bf@gmail.com)  
Alternative Phone Number: 983277575  
Primary Phone Number: 9078494

Program: NACE Coating Inspector Level 1 - Certified  
Expiration: 07/31/2021  
NACE Coating Inspector Level 2 - Certified  
Expiration: 07/31/2021





4.

## KEY PROJECTS SUMMARY

# KEY PROJECTS SUMMARY

## RENEWABLE ENERGY PROJECTS



**EPC CONTRACT BATTERY ENERGY STORAGE ARRAY 10MW\_AES ANDRES PLANT.**



### 1. RENEWABLE ENERGY PROJECTS 1.1. BATEERY ENERGY STORAGE

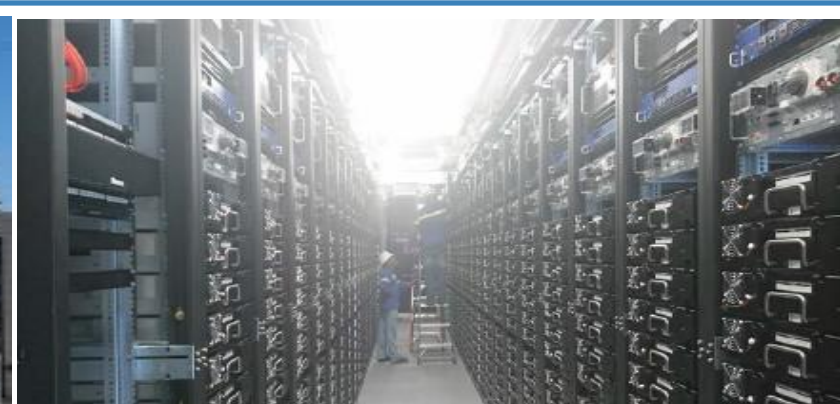
The following projects were recently completed for AES DOMINICANA:

**EPC Contract Battery Energy Storage Array 10MW\_AES ANDRES PLANT.**

**EPC Contract Battery Energy Storage Array 10MW\_AES DPP LOS MINA POWER PLANT.**



**EPC CONTRACT BATTERY ENERGY STORAGE ARRAY 10MW\_AES DPP LOS MINA POWER**



**EPC Contract Battery Energy Storage Array 7.5MW\_AES ITABO POWER PLANT.**



**EPC CONTRACT BATTERY ENERGY STORAGE ARRAY 7.5 MW\_AES ITABO PLANT.**





# KEY PROJECTS SUMMARY

## RENEWABLE ENERGY PROJECTS



**PHOTOVOLTAIC PLANT PROJECT 6MW\_AES ANDRES PLANT.**



**PHOTOVOLTAIC PLANT PROJECT 6MW\_AES ITABO PLANT.**



**PHOTOVOLTAIC PLANT PROJECT 50MW\_MATA DE PALMA**



## RENEWABLE ENERGY PROJECTS 1.2 PHOTOVOLTAIC PROJECT

- \* **PHOTOVOLTAIC PLANT PROJECT 6MW\_AES ANDRES PLANT.** (It is a photovoltaic plant project with the purpose of producing energy for the internal consumption of the electricity generator AES Andres. The general design of the plant consists of two (2) sectors of photovoltaic modules, with a total of 3,000 modular panels).
- \* **PHOTOVOLTAIC PLANT PROJECT 6MW\_AES ITABO PLANT.** It is a photovoltaic plant project with the purpose of producing energy for the internal consumption of the electricity generator AES Itabo. The general design of the plant consists of two (2) sectors of photovoltaic modules, with a total of 4,000 modular panels.
- \* **PHOTOVOLTAIC PLANT MATA DE PALMA 50MW.**



# KEY PROJECTS SUMMARY

## RENEWABLE ENERGY PROJECTS 1.3. HYDROMECHANICAL PROJECT

### 1. RENEWABLE ENERGY PROJECTS 1.3 HYDROMECHANICAL PROJECT

- 1. EPC Mini Hydroelectric Power Plant in AES ITABO - 230 KW for ITABO I and 251 KW for ITABO II for a total of 481 KW.
- 2. EPC Mini Hydroelectric Power Plant in AES ANDRES – 350X2 KW for total of 700 KW
- 3. Sabana Yegua's Dam with Power Installed of 13mw.
- 4. Monción's Dam with Power Installed of 52mw.
- 5. Jigüey-Aguacate's with Power Installed of 98mw and 52mw.
- 6. Taveras's with Power Installed of 96mw.
- 7. Valdesia's with Power Installed of 54mw.
- 8. Pinalito's with Power Installed of 50mw.
- 9. Chacuey's Dam.
- 10. Maguaca's Dam Whose Main Objectives Are Irrigation (14,220 Earth Tasks) And Flooding Control.
- 11. Las Barias's Dam
- 12. Villarpando's Dike.
- 13. Montegrande's Dam Power to be Installed of 18 mw.



EPC MINI HYDROELECTRIC POWER PLANT IN AES ANFRES PLANT T2x350 kw



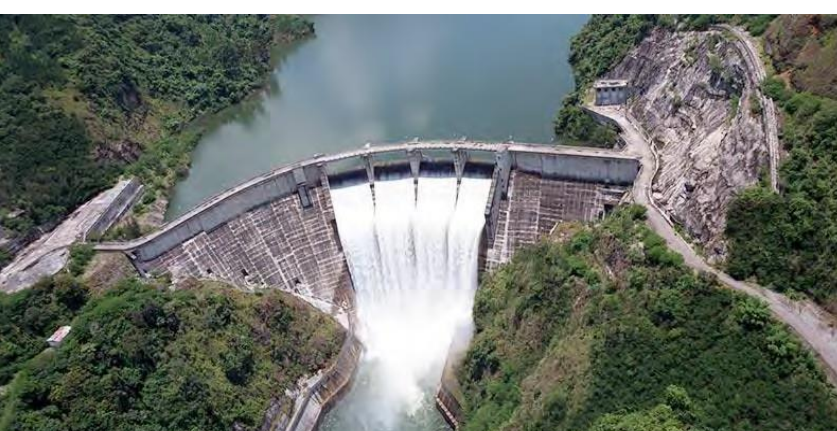
EPC MINI HYDROELECTRIC POWER PLANT IN AES ITABO PLANT TO GENERATE 481KW



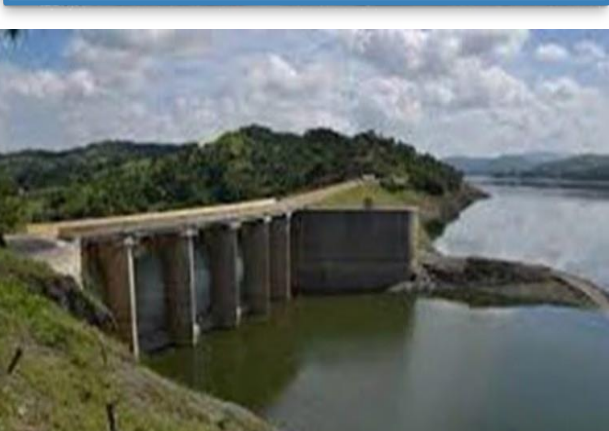
MONCIÓN'S DAM  
POWER INSTALLED - 52MW



SABANA YEGUA'S DAM POWER INSTALLED - 13MW



JIGÜEY-AGUACATE'S DAM POWER INSTALLED 98MW & 52MW



REHABILITATION TAVERAS'S DAM  
WITH POWER INSTALLED - 96MW.



PINALITO'S DAM  
POWER INSTALLED 50 MW



VALDESIA'S DAM POWER  
INSTALLED 54MW



VILLARPANDO'S DIKE



LAS BARIAS'S DAM



# KEY PROJECTS SUMMARY.

## 4. POWER GENERATION OVERHEAD TRANSMISSION LINE



## POWER GENERATION

### 2.1. OVERHEAD TRANSMISSION LINE

We have installed around 400 km of Transmission Lines, with voltages 138 KV / 69KV 34.5 KV throughout the country.

1. Project K136 Transmission Line 34.5 kv & 4.16 kv, Barrick Gold.
2. Transmission line project, Arroyo Hondo- Palamara- 138 kv
3. Transmission Line Project 69 kv tap S/E La Caleta - Tap S/E ITLA University Boca Chica
3. Transmission Line Project, San Isidro / San Luis-69KV
4. Transmission Line Project, Rio Blanco - Bonao.
5. Transmission Line Project, Pinalito Machine House - S/E Bonao.
6. Transmission Line Project- Boca Chica - Americas airport 3.5 km
7. Novoplast-Cerinca Transmission Line Project - 6 Km.
8. Electric lines of 69 kV and 12.5 kV for wells of the Brujuela Aqueduct, Casuí, Santo Domingo - 40 km.
9. Transmission Line Project Monción-Crossing section burned 138 kv - 15 km
10. Transmission line project in 69 kv La Vega / Moca - 18 kms
11. Project transmission line in 69 kv Quinigua - Navarrete and Removal 69 kv -16 km.
12. Transmission Line Project, Higuey I-69kV and Higuey II-138kV
13. Transmission Line Project 138kV Winfarm Matafongo.
14. Transmission Line Project 69kV Photovoltaic Mata de Palma 50MW
15. Transmission Line Project 138kV Bayasol 50MW

### 2.2. ENERGY DISTRIBUTION PROJECTS

We have installed around 200 km in Distribution handling voltage 12.5KV.



# KEY PROJECTS SUMMARY

## 2. POWER GENERATION SUBSTATION PROJECTS



SUBSTATIONS AND CENTRAL POWER GENERATION  
METRO DE SANTO DOMINGO  
Isabela Substations and Expansion of UASD Substation of 40MVA and 32MVA



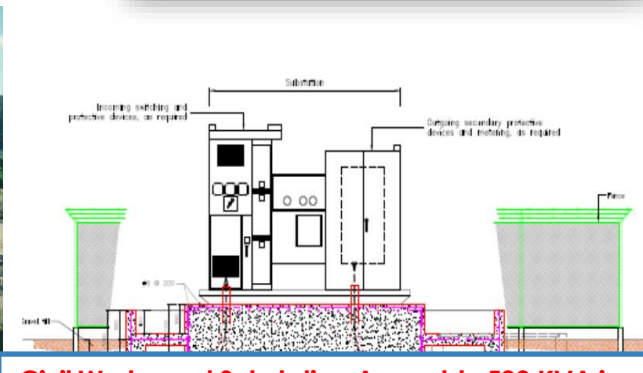
Encapsulated GIS Substation 40 MVA (138 kV). Line II MSD



Substation Pinalito 138 kv - 50 MVA



Bulla-Monción Substation of 138kv - 50 MVA



Civil Works and Substation Assembly 500 KVA in  
Process Plant – Barrick Pueblo Viejo



Mata de Palma Substation 69kV

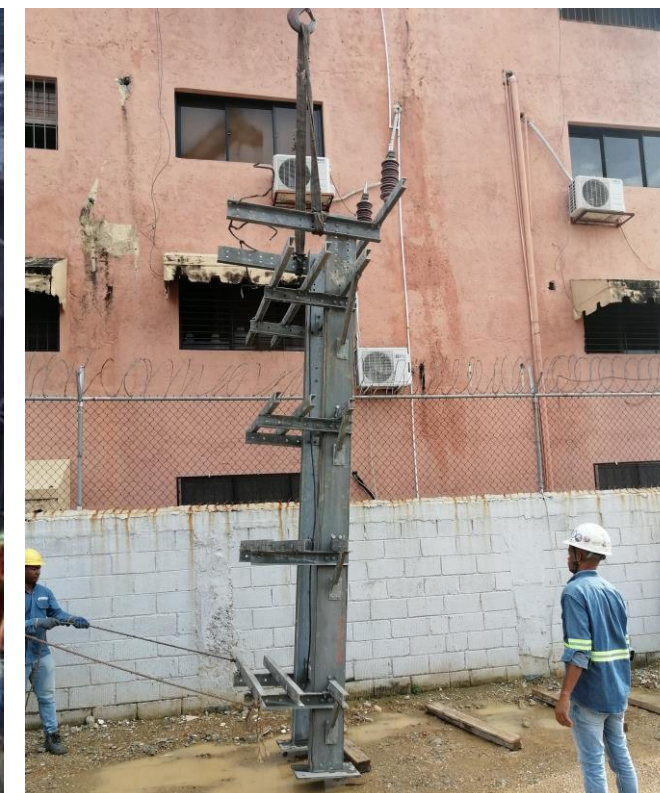
## 2. POWER GENERATION 2.3. SUBSTATION PROJECTS

1. Pinalito Substation 138 kv - 50 MVA
2. La Isabela UASD Substation- 138 kV - 40 MVA.
3. Paraiso Substation of 138 kv - 40 MVA.
4. Pizarrete Electrical Substation - 138kv - 60MVA.
5. Bulla-Monción Substation of 138kv - 50 MVA.
6. Civil Works and Substation Assembly 500 KVA in Process Plant-Barrick
7. Mata de Palma Substation 69kV.



# KEY PROJECTS SUMMARY

## SUBSTATION PARAISO





# KEY PROJECTS SUMMARY

## SUBSTATION PARAISO





# KEY PROJECTS SUMMARY

## SUBSTATION PARAISO





# KEY PROJECTS SUMMARY

## 2. POWER GENERATION

### 2.4. PROJECTS IN DIESEL GENERATION / CARBON / GAS

**PROJECT REHABILITATION OF GAS TURBINE PLANTS OF SAN PEDRO AND BARAHONA 60 MVA**



**PROJECT CONVERSION TO COMBINED CYCLE OF AES LOS MINA-110 MW**



**ASSAEMBLY BOILERS IN BARAHONA PROJECT**



**Coal-Fired Power Plant PUNTA CATALINA 2x376**



**INSTALLATION OF STRUCTURAL BUILDING FOR COAL STORAGE IN SAN PEDRO BIONERGY PLANT 30MW**



**QUISQUEYA I&II PLANT 225.24 MW**



## 2. POWER GENERATION

### 2.4 PROJECTS IN DIESEL GENERATION / CARBON / GAS

1. Massive Transportation Project Line No.1 & 2 Santo Domingo. (45mw - Installation Of 18 2.5 Mva Engines).
2. Project Rehabilitation of Gas Turbine Plants of San Pedro and Barahona 60 Mva.
3. Project Rehabilitation of Gas Turbine Plants of the I & 2 Mine (2 X 30 MVA).
4. Project Conversion To Combined Cycle Of Aes Los Mina-110 Mw.
5. Thermoelectric Punta Catalina 2x376MW. Outfall Pipeline Project-Manufacturing Supports-Sandblasting and paint Works.
6. Project Quisqueya 1 (225MW) & Quisqueya 2 (225MW).
7. Installation of Structural building for coal Storage in San Pedro Bionergy Plant 30MW



# KEY PROJECTS SUMMARY

## INDUSTRIAL PROJECTS –MINING PROJECTS



**BARRICK GOLD MINE PROJECT**



**PROJECT F336  
HDPE PIPE INSTALLATION 36 INCH - 48 INCH AND ACCESSORIES.**

**NEW SYSTEM TILTING MACHINE, PROJECT  
FALCONDO**



Design, supply, installation of transport of raw water from well fields to a treatment plant (ETA / TSI) with 8" steel pipe.

**AMBEV DOMINICANA  
PROJECT OF TRANSFER OF PLANT OF PEPSI SAN MARTIN**

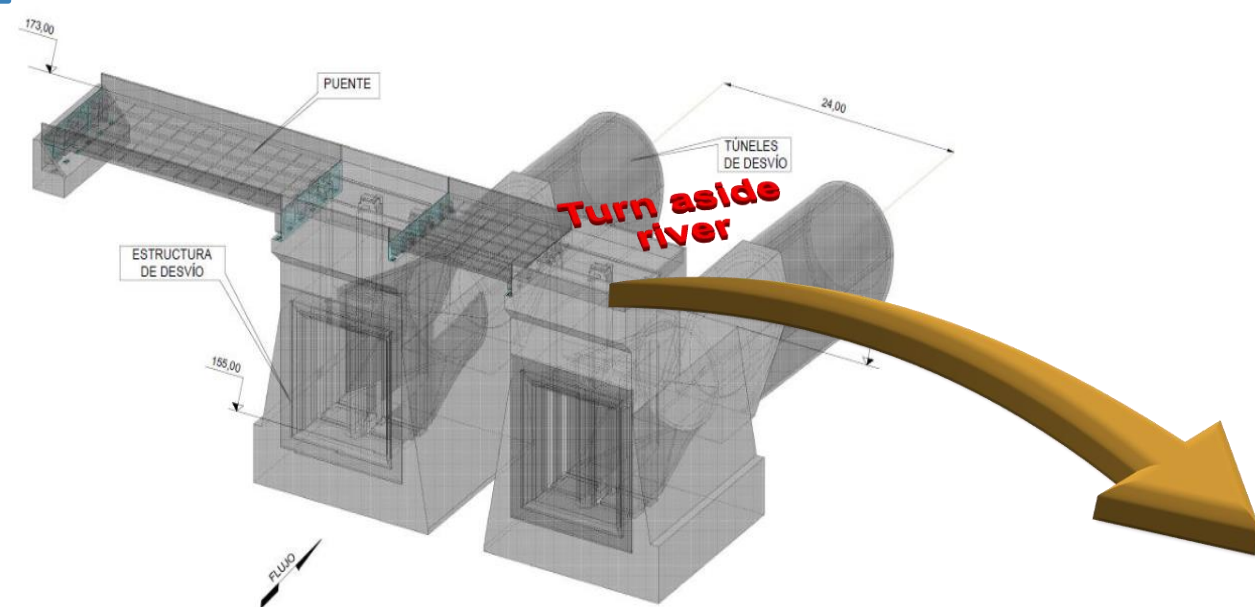
## 4. INDUSTRIAL PROJECTS –MINING PROJECTS

- Barrick Gold Gold Mine Project During the construction and start-up of all the energy distribution and water distribution systems for the operation of the mining company Pueblo Viejo Dominicana Corporation.
- Project to transfer the Pepsi San Martin plant to the Cerveceria Hato Nuevo\_Ambev Dominicana plant.
- Construction of wells in Ambev Dominicana plant.
- Installation of a new granulation system in Falcondo.
- Northwest Line Aqueduct Project manufacture and assembly of (4) 5,000 m3 metallic water tank and pipes.
- Drilling and electromechanical equipment of (13) well fields in the irrigation system of the Ysura - Azua I.
- Rehabilitation works of Lot I: Cambronal Waterways (5km), Las Lajitas Waterways, Neyba Side Waterways (5km), San Cristobal Waterways and adaptation of riverbed in Verbeci-turumote Caniceria-la Colonia. works .
- Construction storage reservoirs Azua II, Lateral Lagoon and Lagima Hatillo.- 30,096,000.00 gls.



# KEY PROJECTS SUMMARY

## MONTEGRANDE'S DAM 18MW



Consorcio Montegrande  
Andrade Gutierrez -Servinca





# KEY PROJECTS SUMMARY

## CIVIL WORKS- HYDRAULIC PROJECTS

### NORTHWEST AQUEDUCT PROJECT



### NÚÑEZ DE CÁCERES'S LAGOON PROJECT.



### DISCHARGE PIPELINE AVE. JOHN F. KENNEDY (6KM).



## 5. CIVIL WORKS- HYDRAULIC PROJECTS

- Northwest Aqueduct Project manufacture and assembly of (4) 5,000 m3 metallic water tank and pipes.
- Drilling and electromechanical equipment of (13) well fields in the irrigation system of the Ysura - Azua channel 1.
- Rehabilitation of infrastructure works of Lot I: Cambronal Channel (5km), Las Lajitas Channel, Neyba Side Channel (5km), San Cristobal Channel. works of taking and adaptation of cuaces in Verbeci-turumote Caniceria-la Colonia.
- Construction of water storage reservoirs Azua II, Lateral Lagoon and Lagima Hatillo.- 30,096,000.00 gls.
- Rehabilitation of El Naranjo Aqueduct - Batey 3 El Palmar Province Barahona
  - and Batoruco. Sanitation of 510 und basic and rehabilitation of water tank 100m3
  - Construction of 150m3 concrete tank. Pipeline of ø6 @ ø4.
  - Discharge Pipeline in Ave. Jhon F. Kennedy (6km).

In summary of the aforementioned, we can say that in 40 years of professional experience in the market, SERVINCA has participated in the main projects of the Dominican Republic in the various branches of engineering.

### SAN CRISTOBAL WATERWAY PROJECT





# KEY PROJECTS SUMMARY

## 3. TREATMENT AND MAINTENANCE PROJECTS



### 3.1. ANTICORROSIVE TREATMENT PROJECTS EXECUTED IN PUNTA CATALINA THERMOELECTRIC

Within the Punta Catalina Plant we have executed several Maintenance Projects in steel and concrete structures:

- Anticorrosive treatment in Portal Reclaimer
- Sanblasting y and painting for Plate//Beams.
- Removal and installation of painted structures in Dock.
- Paint applied manually on dock.
- Anticorrosive treatment in 300 angulars for ONT
- Anticorrosive treatment in Outfall pipeline to Consorcio Odebrecht-Tecnimont-Estrella.

### 3.2. ANTICORROSIVE TREATMENT PROJECTS EXECUTED IN PUEBLO VIEJO DOMINICANA CORPORATION (PVDC) - BARRICK

- Sandblasting and Painting Primary Crusher.
- Paint Pump # 1 HP Transfer Tank Lime Kilns
- Paint Valves PV-5570, PV-2649, PV-3312-1, PV-4312\_PLanta Oxygen.
- Anticorrosive treatment in Autoclave Floor.
- Anticorrosive treatment in Tank 825.
- Anticorrosive treatment in the final end structure of the Conveyor.
- Anticorrosive treatment for tank pipes 5151-tk-0015-etp 2015-15.
- Painting on Poles for signage.

### 3.3. ANTICORROSIVE TREATMENT PROJECTS EXECUTED FOR AES

- Pinting in floor and metal structure in Plant AES Los Mina.
- Painting of the structures of the Mini-electric 2x350 Kw - Aes Andres and (2) Mini-electric 481 Kw - Aes Itabo

### 3.4 ANTICORROSIVE TREATMENT PROJECTS EXECUTED FOR FALCONDO



5.

## NATIONAL AND INTERNATIONAL AWARDS, RECOGNITIONS AND CERTIFICATIONS



# NATIONAL AND INTERNATIONAL AWARDS, RECOGNITIONS AND CERTIFICATIONS.



1988 – 1990



2002 – 2006

**AWARDS AND RECOGNITIONS "COMPANY OF THE YEAR"**



# NATIONAL AND INTERNATIONAL AWARDS, RECOGNITIONS AND CERTIFICATIONS.



**2005 – 2012**



**CADOCON Award 2013**  
**Company of the year - Energy Sector, SERVINCA**  
**S.A. Project: Santo Domingo Metro**

*"SERVINCA has been awarded as Company of the year in the Energy Sector for 10 consecutive years, an award given by the Cámara Dominicana de la Construcción (CADOCON) ".*





# NATIONAL AND INTERNATIONAL AWARDS, RECOGNITIONS AND CERTIFICATIONS.

## Certificate of Temporary Approval

We herewith certify that



**SERVINCA -Servicios De Ingenieria SA**  
Calle F Prats Ramirez 737 ,El Million ,  
Santo Domingo





Supplier Reg. ID: amid503849

is registered as a temporary approved supplier to Alstom Power Hydro for Heavy Welded Structures. The complete status of the actions requested during the audit (HEU-SO-85) and the positive evaluation of the execution of the first order will provide the full qualification.

Issued in August 2013, Grenoble, France  
Expires in September 2015, conditional to no changes to the organisation, design, production and sourcing & logistic processes of the supplier

**Stephane LOUPIAS**  
HEU Supplier Quality  
Power Hydro


## Products List

### Heavy Welded Structures

**SERVINCA -Servicios De Ingenieria SA**  
Calle F Prats Ramirez 737  
El Million ,  
Santo Domingo

Issued in August 2013, Grenoble, France  
Expires in September 2015

HACC codes	Commodity	Commodity Description	Criticality Level	Products
30201539	Erection & Construction	Temporary construction site facilities (including tools, etc.)	C	simple welded components rough machine for hydromeca, turbine and generator site products
72101596	Erection & Construction	Mechanical Construction Services	C	Stop log for site work



INTERNATIONAL CERTIFICATION GRANTED TO SERVINCA S.A. BY  
ALSTOM - FRANCE





# NATIONAL AND INTERNATIONAL AWARDS, RECOGNITIONS AND CERTIFICATIONS.

## BUSINESS EXCELLENCE MAGAZINE



**PUBLICATIONS IN THE  
INTERNATIONAL ONLINE  
BUSINESS EXCELLENCE  
MAGAZINE**

Mining Division  
Interviews and Publicity  
Project Barrick Pueblo Viejo  
PVDC



# PUBLICATIONS IN THE INTERNATIONAL ONLINE BUSINESS EXCELLENCE MAGAZINE

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## Barrick Gold: Pueblo Viejo Mine

Living up to the promise:  
ARTICLE | 9 SEPTEMBER 2011 | 14:20



Manuel E. Bonilla, president of the Barrick Pueblo Viejo gold mining complex, talks to Jayne Alverca about the environmental, economic and social implications of the biggest single investment ever made in the history of the Dominican Republic.

Barrick is the world's largest gold producer and the Pueblo Viejo mine, in the Dominican Republic, represents one of its most significant investments to date. With declared reserves of 23.7 million ounces of gold, Pueblo Viejo, around 60 miles northwest of the capital Santo Domingo, holds by far the richest deposits of gold ever identified in the country. The site, which is a sulfidic refractory gold deposit, is currently being developed to a 24,000 tonne-per-day design capacity.

Manuel Bonilla, president of Barrick Pueblo Viejo, explains that the Dominican Government first invited tenders for the project in 2001. One key aspect of the work required remediation of the site which had been badly damaged by earlier abandoned mining operations. The other centered on the development of new operations to extract and process the gold-containing sulfides of the mine.

The tender was initially won by Placer Dome Inc., which was subsequently acquired by Barrick. By 2009 the complex negotiations to develop Pueblo Viejo were complete and a 60/40 consortium with Goldcorp – the Pueblo Viejo Dominicana Corporation (PVDC) – in which Barrick holds the controlling interest, was busy constructing this multibillion dollar facility.

Production was due to begin early in 2012, but unprecedented and catastrophic amounts of rain fell in May 2011. This has necessitated costly and time-consuming remediation of the starter tailings dam which is still ongoing. However, by summer 2011, overall construction is now more than 70 percent complete. About 90 percent of the planned concrete has been poured, with the same amount of steel erected and more than 4.8 million tonnes of ore have been stockpiled.

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**LATEST REGIONAL MAGAZINES >**

Americas  
Treasury Metals' progress towards production at the Goliath project in Ontario, and Orbia Alumina's operations in Quebec. We also look at the coal industry in Canada with Walter Energy and Westshore Terminals in British Columbia, and zinc mining in the US by Nyrstar Tennessee Mines.

EMEA  
Middle East  
Asia & Pacific

Production was due to begin early in 2012, but unprecedented and catastrophic amounts of rain fell in May 2011. This has necessitated costly and time-consuming remediation of the starter tailings dam which is still ongoing. However, by summer 2011, overall construction is now more than 70 percent complete. About 90 percent of the planned concrete has been poured, with the same amount of steel erected and more than 4.8 million tonnes of ore have been stockpiled.

Regarding 9,000 people are now working to bring the mine to production and Bonilla is keen to talk about the responsibilities that come with a project on this scale. "The Dominican Republic is a developing nation with many urgent needs and social and economic problems," he says. "The scale and size alone of the project means that we have an enormous responsibility to ensure that these non-renewable resources can be translated into long-term sustainable economic gain for the country and its people. This responsibility is an integral part of the business and forms part of everything we do."

**LATEST REGIONAL MAGAZINES >**

Americas  
Treasury Metals' progress towards production at the Goliath project in Ontario, and Orbia Alumina's operations in Quebec. We also look at the coal industry in Canada with Walter Energy and Westshore Terminals in British Columbia, and zinc mining in the US by Nyrstar Tennessee Mines.

EMEA  
Middle East  
Asia & Pacific



PUBLICATIONS IN THE INTERNATIONAL ONLINE BUSINESS EXCELLENCE MAGAZINE  
BARRICK GOLD MINE 2013-2014

ACHIEVING BUSINESS EXCELLENCE ONLINE

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BusinessExcellence

Weekly

ISSUE No. 75 | [www.bus-ex.com](http://www.bus-ex.com)



BARRICK GOLD:  
PUEBLO VIEJO MINE

REVITALISING  
A REGION

*SERVINCA helps production at the  
biggest single investment in the  
history of the Dominican Republic*

SSG/AAL TANZANIA:

EXXARO RESOURCES:

SERVINCA:



BARRICK GOLD: PUEBLO VIEJO

REVITALISING  
A REGION

*The Barrick Pueblo Viejo gold mining complex  
remains the biggest single investment ever  
made in the history of the Dominican  
Republic and continues to break new ground  
as it begins to realise its potential*

WRITTEN BY: WILL DAYNES

RESEARCH BY: VINCE KIELTY

BE WEEKLY | 2



PUBLICATIONS IN THE INTERNATIONAL ONLINE BUSINESS EXCELLENCE MAGAZINE  
BARRICK GOLD MINE 2013-2014



**We are** a company dedicated to the Engineering procurement and construction of projects, with a wide expertise that covers the most important sectors of the construction industries, such as Mining, Energy and Infrastructures.

SERVINCA was founded on December 29th, 1979, at its headquarters located at Santo Domingo, Dominican Republic. During 33 years of experience our professionals have specialized in developing projects covering a wide range of disciplines, such as Electrical Power generation, transmission and distribution networks, Steel Infrastructures, Mechanical & Industrial Installation, Piping and Civil works, including Engineering, Management, Procurement and Construction.



**Engineering & Construction Services**

Our vast experience has become to be the best solution for the development of sustainable projects, with a large availability of professionals in all applicable Engineering areas, such as Civil, Electrical, Hydraulics and Mechanical, assuring full compliance to our customer by delivering quality and costs efficient products.

**Business Philosophy**

Our major commitment is to comply with the highest quality standards, ensuring the safety of our workers and the environment with a strict scheduling plan for the on time delivery of our projects.

The good results obtained in the Engineering, Procurement, Management and Construction of large projects are resultant products of our own integrated management system, implemented by a specialized organization structure oriented to results that fulfill and surpass the client's expectations.

"Our quality System is implemented and adjusted to each project to meet the best Engineering practices, followed by a strict Occupational safety and environmental plans created by our Professional staff, whose experience and integrity are the main elements that has contributed to the success of SERVINCA, positioning our company as leader in the construction industry".

# SERVINCA



SERVINCA was selected as the best company of the year in row energy industry for three consecutive terms (2002-2012) by the Dominican Chamber of Construction (CADOCON), catapulting Servinca well as the leader in energy and other areas of engineering in the Dominican Republic.



CADOCON Awards 2013, Energy Sector Year Company Servinca SA



Santo Domingo Metro, Line 1 & 2





Services we offer

SERVINCA, with over 33 years experience in the engineering and construction sector, has the ability to provide a high quality service in multidisciplinary projects complying with top standards for quality, health and occupational safety and environmental protection, while maintaining a key position in the construction industry current market. The main key activities covered by our business experience are:

ELECTRICAL AREA

- Erection and EPC Power transmission lines in high, medium and low voltage.
- Erection and EPC in Energy generation and distribution: Diesel, Gas, combined cycle power plants, Hydroelectric, and renewables projects.
- Erection and EPC Electrical Substations.
- Electrical equipment installations.
- Fiber optic communication networks.



MANUFACTURING SERVICE

Our fabrication Workshop, located in Santo Domingo, Hato Nuevo, is specialized in the Design, Manufacture, Repairing and Technical Assistance for metal mechanical projects, covering a wide range that includes: Hydro mechanical Elements for Dams such as Gates, Tanks, Radial Gates, Grills, Overhead Cranes, Shields, Cofferdams, Penstocks, Suction tubes, Speed Reducers and Power Transmission mechanical equipment.

Our fabrication capacity is also oriented to Manufacture Mechanical parts, Design and Manufacture of Metal structures, Pipes, Dismantling Joints, Expansion Joints, Bifurcations, metal Coatings and accessories.



BARRICK Pueblo Viejo - HDPE Piping Installation F336 Project



Line 1, Santo Domingo Metro Project Substation UASD 40 MVA



Precipitators Installation Project 1 & 2 - EGEHANA, Dom. Rep.



Monción Dam Project - Monción Hydroelectric Substation, Dom. Rep.



Las Barbas Project - Installation of Radial Gate



Line 1, Santo Domingo Metro Project Substation La Isabela 40 MVA



Line 1, Santo Domingo Metro Project - Installation and wiring trays - Tests in tunnels and stations.



Line 1, Santo Domingo Metro Project Substation La Isabela 40 MVA - Electric Generators



Manufacture of Gates - Industrial workshop Hato Nuevo, SERVINCA, Dom. Rep.

MECHANICAL AREA

- Industrial Mechanical Installation and Fabrication.
- Hydro mechanical projects.
- Potable water, sewer systems, fire protection and freshwater pipeline systems.
- Fabrication, supply and installation of steel structures, fittings, supports, etc.
- Thermal insulation of piping and Industrial Painting.
- Pump stations.
- Water treatment plants.
- Sheet piling.
- Drilling and construction of water wells.
- Fire Alarm and Protection Systems.
- Installation and maintenance of HVAC systems.

CIVIL AREA

- Excavation.
- Earthworks.
- Filling and compaction.
- Sandblasting.
- Encorados.
- Piles.
- Shotcrete.

ELECTRICAL AREA

- Industrial electrical installations in general: Beer plants, airports, water treatment plants, cement plants, gold mine process plant, metro stations and others.
- Instrumentation, panels, installation devices, control and instrumentation cable, panels, installation devices, control cable pulling, testing and inspection.



Irrigation Rehabilitation Project Infrastructure Lot # 10: Siphon Jima-Camu and Irrigation pumping system Roses, La Vega Dom. Rep.

ENGINEERING DESIGN SERVICES:

- Design of mechanical installations.
- Distribution System Design and delivery of water, wastewater and storm drainage.
- Design of steel structures, doors, fittings, supports, etc..
- Engineering and construction of concrete piles, drilling wells, infiltration wells, etc..
- Electrical systems in general.
- Supply and transportation of local and imported
- Materials related to electromechanical installations.



# PUBLICATIONS IN THE INTERNATIONAL ONLINE BUSINESS EXCELLENCE MAGAZINE

## BARRICK GOLD MINE 2013-2014



**Profile** SERVICIOS DE INGENIERIA, SERVINCA, was contracted by BARRICK Pueblo Viejo Dominicana Corporation for the construction of 30 Kms - 4" to 36" HDPE and carbon steel underground piping utilities for the potable, freshwater, firewater and storm sewer systems of the Gold mine Process plant site.

SERVINCA is proud to be part of the construction of the 34.5kv Overhead Transmission Lines for BARRICK PVDC process plant site and surrounding areas, with the responsibility of the Engineering, Procurement, Management and Construction of over 35 Kms - 34.5KV and 4.16KV Over Head line systems.

As a general contractor specialized in the Engineering, Procurement, Management and Construction of Electrical, Civil and Mechanical Works, SERVINCA executed several projects at PVDC in the disciplines of Piping, Metal-Mechanical, Steel Structure Fields and others such as Sheet Piling, Geomembrana, Geotextile, Gabions and Concrete Structures.

With over three years working in the construction of one of the most important projects in the Dominican Republic, BARRICK Pueblo Viejo Dominicana Corporation Gold Mine, SERVINCA have consolidated the position as a leader company in the Industrial-Mining market, providing cost efficient EPC solutions adhered to the highest quality and safety standards of the mining industry.

SERVINCA have achieved a total of 1,200,000 Manhours milestone achievement without lost time incidents for all projects executed at BARRICK Pueblo Viejo Dominicana Corporation by December 2012, result obtained by the proper risk evaluation and implementation of our own Health, Safety and Environmental plans.



HDPE Trenching Work - F336 Project, PVDC



K136 Project - BARRICK PVDC



F336 Project - BARRICK PVDC



Lifting Pole Maneuver - 34.5KV and 4.16KV OH Line Systems K136 Project, PVDC

SERVINCA received in the month of October 2013 the award for best company of the year three times in a row in the Energy Sector awarded by the Dominican Construction Chamber (CADCOCM).



We have successfully executed Electrical, Instrumentation, Fiber Optic Networks, Substations, Pole mounted Transformers, Civil Works, medium and low voltage installations along the process plant site. BARRICK PVDC electrical systems are built with the highest quality standards, providing an efficient service that meets the top international mining levels.

*"Our extensive experience is supported by a group of highly qualified professionals, with the use of specialized certified tools and plants, that ensures the constant improvement of our company vision and provides cost efficient Engineering solutions to our clients in the Construction Industry"*

The construction process of BARRICK PVDC process plant site is completed and commissioned, starting full production process since 2012. SERVINCA is pleased to be selected by BARRICK as one of the main general contractors to support the operation process by providing Engineering, Procurement, Construction and Maintenance services for the operation and extension of the process plant site facilities.



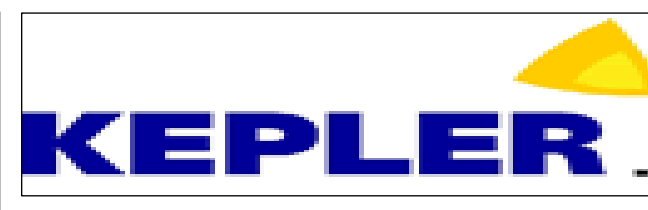
# 6.



**CLIENT, STRATEGIC PARTNERSHIPS,  
SUPPLIERS AND BANK ENTITIES.**



# CLIENT AND STRATEGIC PARTNERSHIPS.

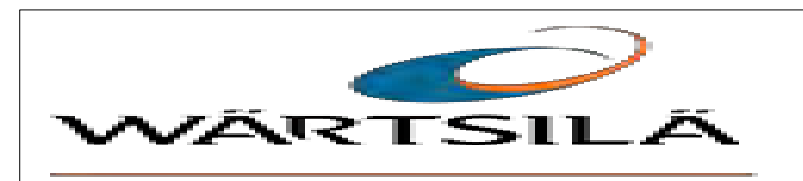


OUR MAIN CUSTOMERS DURING 40 YEARS EXPERIENCE





# CLIENT AND STRATEGIC PARTNERSHIPS.



# SUPPLIERS.





# BANKING ENTITIES AND INSURANCE COMPANIES.





7.

## KEY ACTIVITIES AND SERVICES WE OFFER



# KEY ACTIVITIES AND SERVICES WE OFFER

## ELECTROMECHANICAL WORKS

### Electromechanical Works:

- Overhead and Medium Transmission Line 12.5kV-69kV-138kV-345kV.
- Distribution Line in 12.5kV.
- Electrical Substations 69kV-138kV-345kV.
- Erection of Plants and Energy Generation Systems.
- Medium and Low Voltage Cables, Termination and Connection.
- Installation of Grounding System.
- Installation of electrical equipment (transformers, generators, pumps, etc.).
- Bus cable for conduits, Installation of trays and Supports for Electrical Installations.
- General electrical tests: Hi-Pot, Megger, Continuity, ground resistance test, others.
- Installation and termination of data and communication systems through fiber optic Cable:  
Laying, splicing, terminations and tests (OTDR and OLTS).
- Protection, control and LV-MV-HV system
- Instrumentation, panels, installation devices, control cable and instrumentation.
- Supply Personnel, Tools and Equipments.



# KEY ACTIVITIES AND SERVICES WE OFFER

## CIVIL WORKS.

### Civil Works:

- Earthworks
- Fill and Compactation.
- Topographical Survey.
- Formwork
- Roads and gutters.
- Concrete slab With Concrete Placement.
- Cutting and Placement of Rebar Steel.
- Perimetric fencing Installation and access doors.
- Ditches and manholes construction.
- Drainage System.
- Control buildings and buildings.
- Gabion walls.
- Piling Works.
- Paiting Works.
- Supply Personnel, Tools and Equipments.



# KEY ACTIVITIES AND SERVICES WE OFFER

## MANUFACTURING AND METALWORKING.

### Manufacturing and Metalworking:

- Engineering Design of Hydromechanical Equipment Associated with Hydroelectric works, irrigation, sanitation, industrial processes, etc.
- Hydraulic and Thermoelectric Power Plants Equipments. Remote automation of hydraulic and industrial electromechanical systems.
- Manufacture and Installation of Cofferdam, radial and / or sliding gates.
- Manufacture and Installation Forced Conduits or Pipes and bifurcators or more arms.
- Manufacture and installation of Butterfly Valves and others.
- Mechanical Erection of Power Generation, Metalworking, Mining and Industrial Plants in general.
- Installations of steel pipes: welding, installation, testing and inspection in HDPE and Carbon Steel Aerial and / or underground.
- Metallic structures, manufacture and installation.
- Industrial Painting Labeling, retouching of protective paint and finishing of steel structures with the use of certified scaffolding and certified operators of lifting platforms.
- Fire detection systems and fire protection systems. AC and duct systems. Acquisition and transportation of local and imported materials related to mechanical and industrial installations



## KEY ACTIVITIES AND SERVICES WE OFFER INDUSTRIAL AND MINING PROJECTS

Manufacturing and Assembly of industrial equipment to be used in mining process.

### INDUSTRIAL AND MINING PROJECTS:

- Mechanical Erection in Power Generation.
- Electrical Installation.
- Manufacturing and Installation of Structure Steel.
- Thermal Insulation in Pipeline and Equipment.
- Painting Works and Touch up paint.
- Equipment Alignment.
- Pile works.



# KEY ACTIVITIES AND SERVICES WE OFFER

## TRANSPORT AND HEAVY LIFTING

Specialized in Transport, Lifting and Handling of Major Heavy Item. Servinca-Eseasa and Montejo can Offer specialist service with oversized and over weight that cannot be transported or lifted by conventional methods.

### TRANSPORT AND HEAVY LIFTING:

- Crane Rental (Mobile Trunk Crane to heavy Lifting).
- Land Transportation Equipment with multi-Modal logistics. We can assure the safe transport.
- Innovative engineering with high capacity crane.
- Installing new equipment, removing or relocating exist plant component



# KEY ACTIVITIES AND SERVICES WE OFFER

## RENEWABLE ENERGY WORKS

### RENEWABLE ENERGY WORKS:

- Mechanical Erection.
- Electrical Installation.
- Installation of Photovoltaic Panels.
- String Boxes installation
- Inverters, transformation centers and Equipment Installation.
- Equipment Alignment.
- Overhead and Medium Transmission Line 12.5kV-69kV-138kV 345kV.
- Distribution Line in Low Voltage-Medium Voltage and High Voltage.
- Electrical Substations 69kV-138kV-345kV.
- Operation and Maintenance (O&M).



# 8.

## MAIN PROJECT EXECUTED BY CLIENT.







**MAIN PROJECT EXECUTED INSIDE  
PUEBLO VIEJO DOMINICANA  
CORPORATION (PVDC) - BARRICK**





## OVERVIEW

Barrick Gold Corporation is the leading mining company in the gold industry. Its main headquarters is located in the city of Toronto, Canada. It has operating mines and projects in different stages of exploration and development throughout the world. In Latin America, it covers mining operations in Argentina (Veladero), Chile (Zaldívar), Peru (Lagunas Norte and Pierina) and the Dominican Republic (Pueblo Viejo).





# INDUSTRIAL AND MINING PROJECT

CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).



## 34.5KV AND 4.16 OVERHEAD TRANSMISSION LINES - K136 PROJECT

Supply of Materials, Installation and Commissioning of 35 Km of Transmission Line in 34.5 kV & 4.16 kV



**FLUOR**

Fluor Daniel South America Limited  
c/ Eugenio Deschamps N° 19, Edificio RN12  
Los Prados, Santo Domingo  
República Dominicana  
Telf. 809-620-1188

**BARRICK**

Pueblo Viejo Dominicana Corporation  
Proyecto Pueblo Viejo  
Proyecto N° A2UL

June 13, 2013

LTR-FL/SR-K136-105 L

Servicios de Ingeniería, S.A. (SERVINCA)

C. Francisco Prats Ramírez No. 737. El Millon, Santo Domingo, Republica Dominicana

Attention: Francisco Baez - Project Manager / Carlos Jr. Cabrera - Exec. Vice President

Reference: Notice of Contract Close Out

Dear Francisco,

Please be advised that all Work described in the **Contract A2UL-60-K136: "34.5 & 4.16 Kv Overhead Transmission Lines"** has been performed and formally accepted by Owner. A signed and notarized Final Payment Release Certificate has been delivered to Owner and all financial obligations against the Work will have been paid in full on June 12, 2013. The Final Contract Value representing full compensation to Contractor for complete performance of the work has been paid for the total amount of **USD\$ 12,098,859.27**.

In consideration of the foregoing, Contractor is hereby notified that the **Contract A2UL-60-K136: "34.5 & 4.16 Kv Overhead Transmission Lines"** is closed, no further Work should be performed, and no further payments will be made.

Owner has received from Contractor an acceptable bank guarantees for the warranty period that is in accordance with the Contract, **Article 21 "Surety"** and **Section 16 "Warranty, Defect Liability and Final Completion"**, shall continue in full force and effect until expiration date of February 22, 2014.

Contractor has completed site clean-up and demobilization, all Owner property, equipment and materials have been returned, site access badges have been returned.

Contractor had completed the construction contract with total safety man-hours of 395,687 and has accomplished with all contractual requirements declared in the contract signed by both parties.

On behalf of the Pueblo Viejo Project, Owner wishes to express their appreciation for the professional manner in which the **Servicios de Ingeniería, S.A. (SERVINCA)** personnel on the Contract was carried out and for the cooperation of the entire **Servicios de Ingeniería, S.A. (SERVINCA)** personnel in performance of the Contract.

Best Regards,

*J. Grills*

James Grills

Site Closeout Manager

Fluor Daniel South America Limited

Pueblo Viejo Project - Dominican Republic

JG/LF/ff

Cc: PVDC Document Control, Claire Witt, Steve Laskowski, James Grills, Lednor Fernandes, José Camacho  
File: Q1430\_contracting/Contracts/K136\_34.5KV&4.16\_OH\_Transmission\_Line/300\_Post\_Award/430E.308\_Correspondence\_to\_Contractor.  
Attach: None

*13 JUN 13*





# INDUSTRIAL AND MINING PROJECT



CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).

## UNDERGROUND PIPELINE – CONTRACT F336

Excavations, Compacted Trench Filling, Sand Seat, Surface Termination with Soil Material, Rock Excavation to install and test 22KMS of underground pipes from 2" to 30" inches in HDPE and Carbon Steel with all its accessories: Hydrants, Valves of Gates, Nipples, Tee, Reductions, Pressure Measuring Valves, Elbows, Bolted flanges, Inspection Registers, Connections for drinking water lines, fire-fighting water, fresh water, rain and sanitary drainage of the Process and Road Plant Main Access.



**FLUOR**

Fluor Daniel South America Limited  
Av. Ortega y Gasset N° 46, Esq. Tetelo Vargas, Ens. Naco  
Edificio Profesional Ortega (1er Nivel)  
República Dominicana  
Telf. 809-240-0029

**BARRICK**  
Pueblo Viejo Dominicana Corporation  
Proyecto Pueblo Viejo  
Proyecto N° A2UL

February 04, 2013

LTR-FL/SR-F336-070 L

**Servicios de Ingeniería, S.A. (SERVINCA)**  
C. Francisco Prats Ramírez No. 737  
El Millon, Santo Domingo, República Dominicana

**Attention:** Ing. Francisco Baez – Project Manager

**Contract N°:** PVDC-35022 / A2UL-90-F336

**Subject:** 070 Notice of Contract Close-Out.

Dear Mr. Baez,

Please be advised that all Work described in the above referenced Contract has been performed and formally accepted by Owner. A signed and notarized Final payment Release Certificate has been delivered to Owner and all financial obligations against the Work will have been paid in full on 29 Jan 2013. The final Contract value representing full compensation to Contractor for complete performance of the work has been paid in the amount of USD\$11,024,657.59

In consideration of the foregoing, Contractor is hereby notified that the referenced Contract is closed and no further Work should be performed and no further payments will be made.

Contractor's Guarantee obligation pursuant to Article 16 "Warranty, Defect Liability and Final Completion", as set forth in Contract A2UL-90-F336, shall continue in full force and effect from May 28, 2012, until expiration date of May 28, 2013, attached Notice of Acceptance constitute the Certificate of Final Completion.

Contractor has completed site clean-up and demobilization, all Owner property, equipment and materials have been returned, site access badges have been returned.

The required Bond, with the proper expiration date have been received and approved by Owner.

On behalf of the Pueblo Viejo Project, Owner wishes to express their appreciation for the professional manner in which the Servinca personnel on the Contract was carried out and for the cooperation of the entire Servinca personnel in performance of the Contract.

Best Regards,

Steve Tedlie  
Contracts Director Manager  
Fluor Daniel South America Limited  
Pueblo Viejo Project - Dominican Republic

ST/CC

cc: Fluor: Steve Tedlie, Cecilia Corcino; Steve Laskowski, Jesús Correa, José Canascho, Jorge Farret, James Orlis  
PVDC: Cathy Mahoney, Darin Dobenshock; PVDC Document Control  
Archive Q1430\_Contracting/Contracts F336 Primary Access Road underground Utilities - Servinca/200 Pual Award/413,308 Correspondence to Contractor





# INDUSTRIAL AND MINING PROJECT

CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).



## EMULSION PLANT





# INDUSTRIAL AND MINING PROJECT



CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).

**HIGH EXPLOSIVE MAGAZINE**



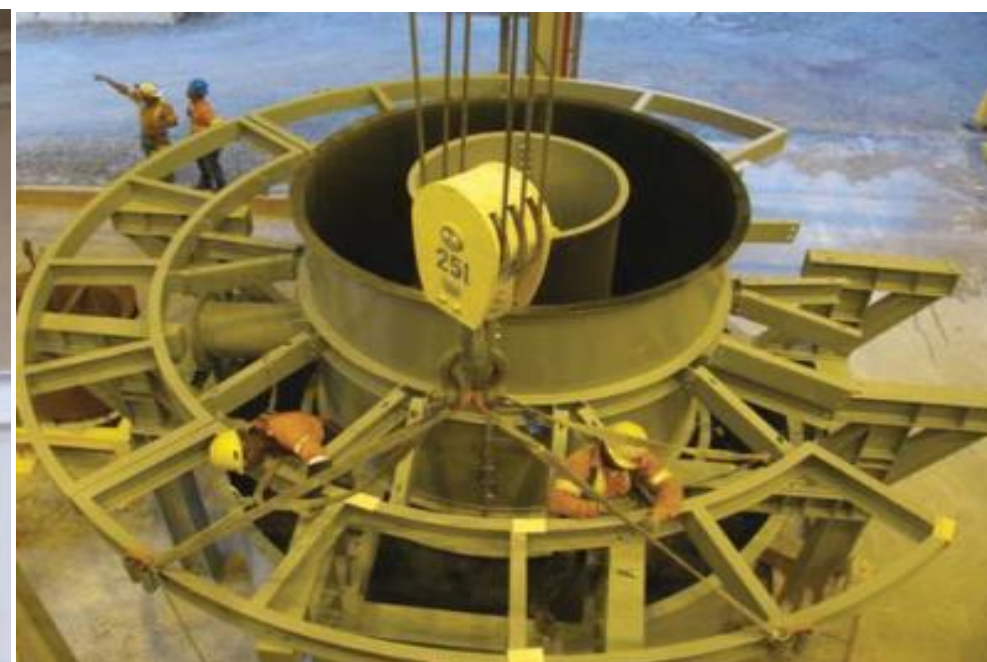
**APLICACION CONCRETE SHOTCRETE - BARRICK PUEBLO  
VIEJO**



# INDUSTRIAL AND MINING PROJECT

**CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).**

## **ELECTRICAL AND MECHANICAL WORKS, CYCLONE CLUSTER.**



**COMMISSIONING- BARRICK GOLD**





CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).

## SECOND CARBON SCREEN





CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).

## ANACAONA DAM BARGES AND ELECTRICAL UPGRADE



## E-RELOCATION EL LLAGAL





# INDUSTRIAL AND MINING PROJECT

**CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).**

## **BARGE RELOCATION ELECTRICAL WORKS**





# INDUSTRIAL AND MINING PROJECT

**CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).**

## **PIT- DEWATERING**



## **ANTICORROSIVE PROJECTS** Sanblasting and painting at the primary crusher





**CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).**

## **ANTICORROSIVE PROJECTS**

**Pintura Bomba # 1 HFO Tanque Transferencia Lime Kilsn**



## **ANTICORROSIVE PROJECTS**

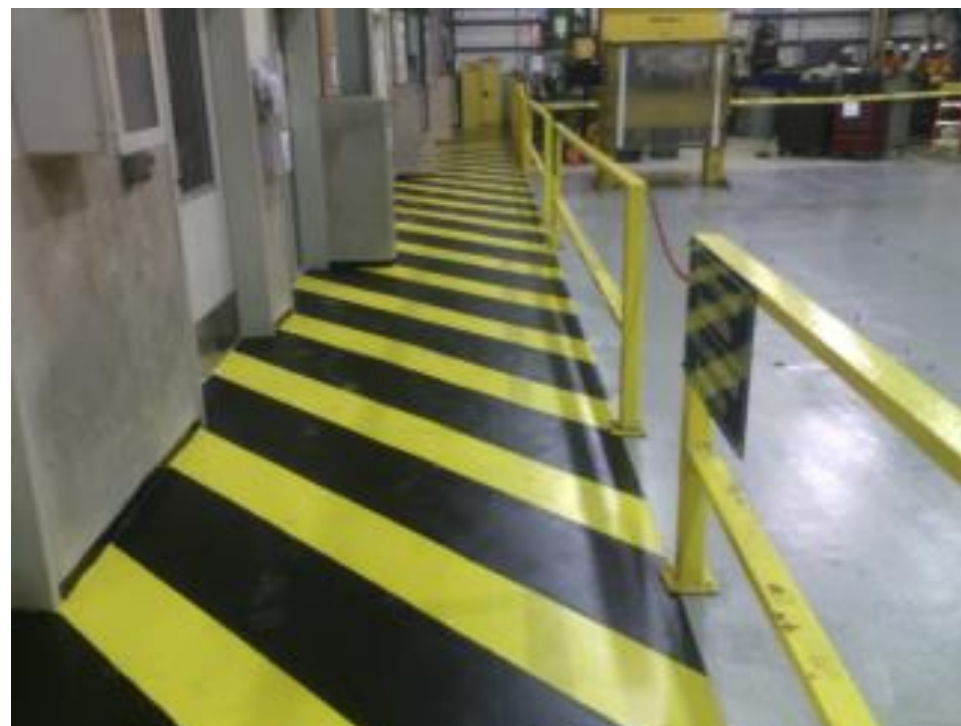
**Valvulas PV-5570; PV-2649; PV-3312; PV-4312**





**CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).**

## **ANTICORROSIVE PROJECTS** **AUTOCLAVE FLOOR**



## **ANTICORROSIVE PROJECTS** **FINAL CONVEYOR**



## **ANTICORROSIVE PROJECTS** **SIGNPOSTING POLES**





CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION  
(PVDC).

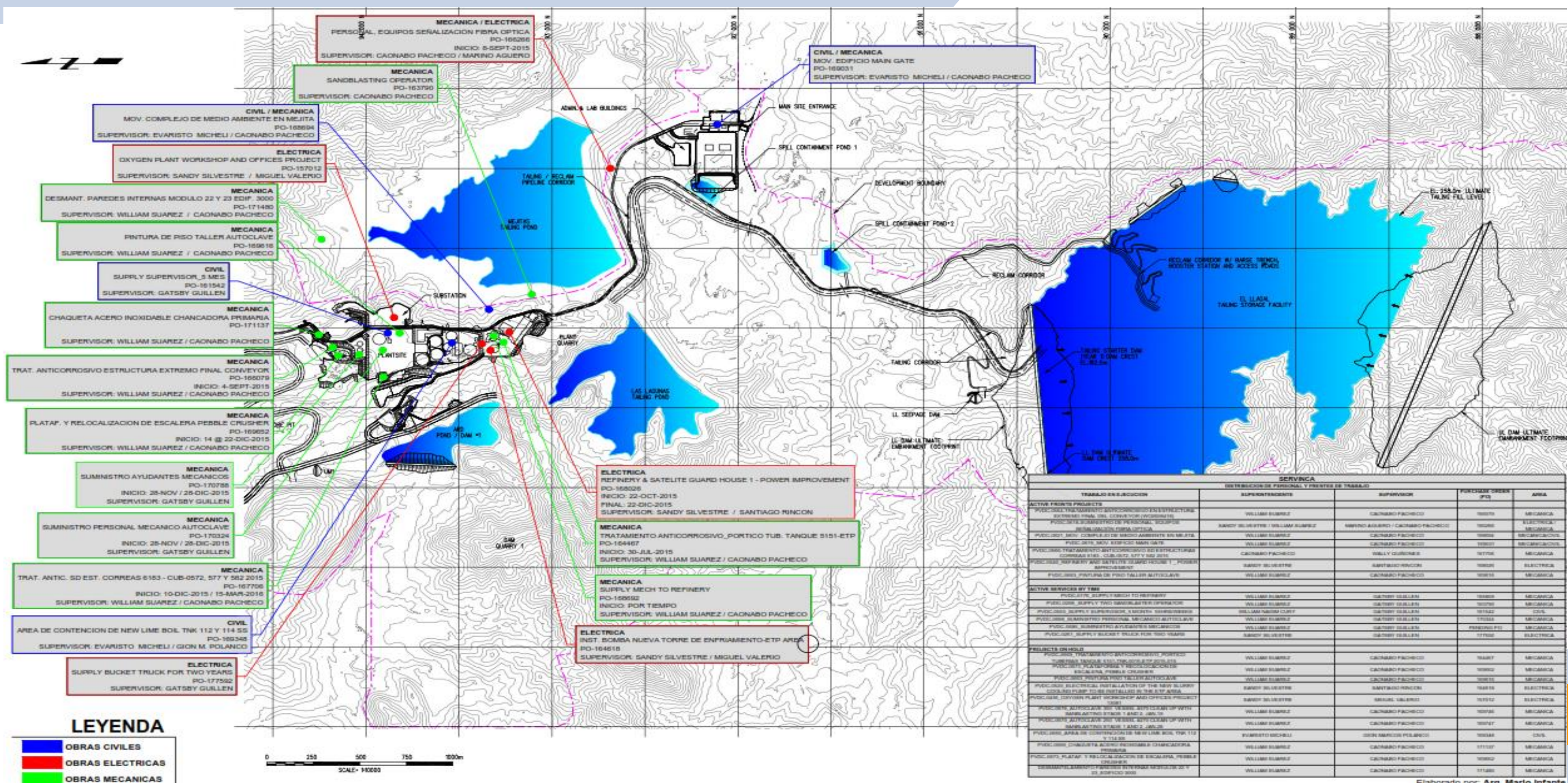
## CYANIDE DESTRUCTION NEW CONCRETE SLAB

## COOLING TOWER CONCRETE SLAB





**CLIENT: BARRICK PUEBLO VIEJO DOMINICANA CORPORATION (PVDC).**







**MAIN PROJECT EXECUTED OUTSIDE -  
BARRICK**





## OVERVIEW

The AES Corporation (NYSE: AES) is a Fortune 200 global power company. We provide affordable, sustainable energy to 16 countries through our diverse portfolio of distribution businesses as well as thermal and renewable generation facilities. Our workforce of 18,000 people is committed to operational excellence and meeting the world's changing power needs. Our 2016 revenues were \$14 billion and we own and manage \$36 billion in total assets.

We are dedicated to improving the lives of our customers by leveraging our energy solutions that encompass a broad range of technologies and fuel types, including coal, diesel, gas, oil, pet coke and renewables. Our people share a passion to help meet the world's current and increasing energy needs, while providing communities and countries the opportunity for economic growth due to the availability of reliable, affordable electric power.

## AES ITABO

Generating company with 260 MW based on mineral coal

ITABO I installed capacity of 128 MW, steam turbine

ITABO II installed capacity of 132 MW, steam turbine

Port of solid materials of 580 meters in length, and capacity of 1,600 tons of carbon per hour

## DOMINICAN POWER PARTNER (DPP, LOS MINA)

First investment of AES in the Dominican Republic

Installed capacity of 236 MW, with two open-cycle turbines of 118 MW

Generation based on natural gas

Its central location and its technology make it ideal to provide ancillary services to the National Interconnected System

## AES ANDRES

319 MW generation combined cycle

Port of reception of Liquid Natural Gas.

The largest thermal electric generation unit in the Dominican Republic

Regasification terminal with storage capacity for 160,000 m<sup>3</sup>

Liquefied natural gas reception terminal

Distribution terminal of liquid natural gas (cryogenic).

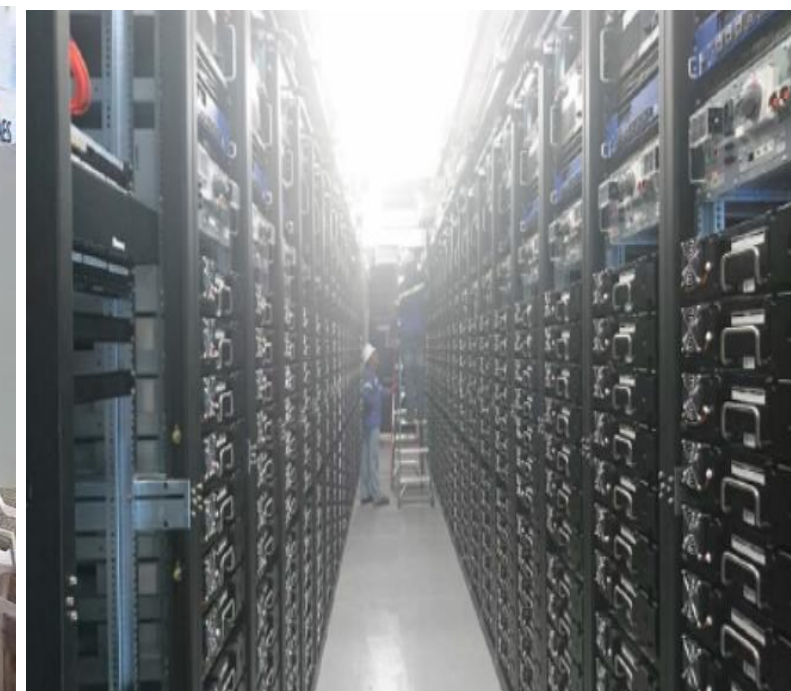


# POWER GENERATION PROJECT – RENEWABLE PROJECT

## CLIENT : AES



**PROJECT BATTERY ENERGY STORAGE ARRAY AES ANDRES (10MW).**



**PROJECT BATTERY ENERGY STORAGE ARRAY 10MW AES DPP LOS MINA.**



**PROJECT BATTERY ENERGY STORAGE ARRAY 7.5MW AES ITABO**



# POWER GENERATION PROJECT – RENEWABLE PROJECT

## CLIENT : AES



CONSTRUCTION AS EPC (2) MINI-HYDROELECTRIC 350 MW IN AES ANDRES.



CONSTRUCTION AS EPC (2) MINI-HYDROELECTRIC  
WITH POWER 481 KW - AES ITABO.



CABLING THE AES LOS MINA PROJECT  
LAYING AND CONNECTED CABLE 25 MM2 @ 300MM2 =  
200,000.00 ML



CC CONVERSION PROJECT 110 MW



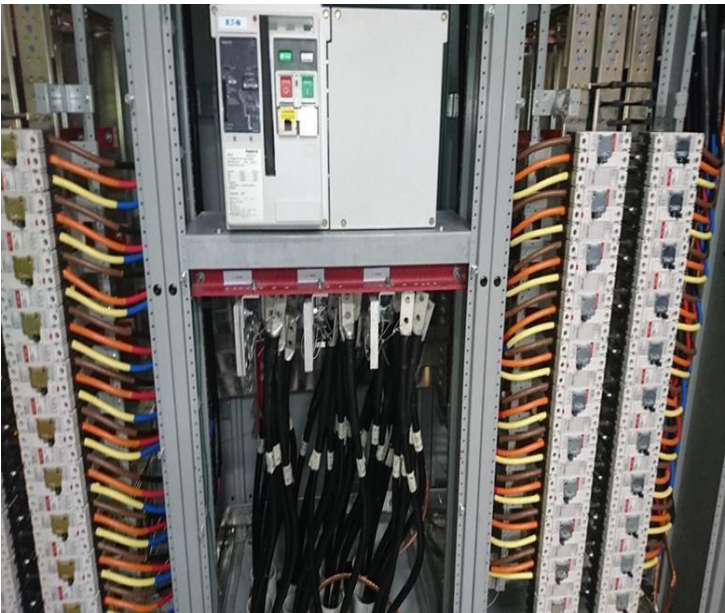


# POWER GENERATION PROJECT

## CLIENT : AES



CABLE IN PROJECT AES THE MINE TENDED AND  
CONNECTED CABLE 25 MM2 @ 300MM2 = 200,000.00 ML



CABLE-INSTALLATION OF EQUIPMENT IN HALF AND LOW VOLTAGE PROJECT  
BATTERY STORAGE ARRAY DPP THE MINE.



CABLE-INSTALLATION OF EQUIPMENT IN MEDIUM AND LOW VOLTAGE PROJECT BATTERY STORAGE ARRAY AES ANDRES (10MW).



# POWER GENERATION PROJECT

## CLIENT : AES

### RENEWABLE ENERGY PROJECTS



**PHOTOVOLTAIC PLANT PROJECT 6MW\_AES ANDRES PLANT.**  
(Subcontractor)



### RENEWABLE ENERGY PROJECTS

#### 1.2 PHOTOVOLTAIC PROJECT

\* **PHOTOVOLTAIC PLANT PROJECT 6MW\_AES ANDRES PLANT.** (It is a photovoltaic plant project with the purpose of producing energy for the internal consumption of the electricity generator AES Andres. The general design of the plant consists of two (2) sectors of photovoltaic modules, with a total of 3,000 modular panels).

\* **PHOTOVOLTAIC PLANT PROJECT 6MW\_AES ITABO PLANT.** It is a photovoltaic plant project with the purpose of producing energy for the internal consumption of the electricity generator AES Itabo. The general design of the plant consists of two (2) sectors of photovoltaic modules, with a total of 4,000 modular panels.



**PHOTOVOLTAIC PLANT PROJECT 6MW\_AES ITABO PLANT.**  
(Subcontractor)





QUISQUEYA II – POWER INSTALLED 225.24 MW

## OVERVIEW

La Empresa Generadora de Electricidad Haina (EGE Haina) is the main Dominican company of mixed capital (public and private), an example of a successful alliance between private investors and the State.

Operates 953 MW efficiently from 11 power generation plants (8 own and 3 third-party). It has 83 units with an availability of 97%, distributed in Haina, San Pedro de Macoris, Barahona and Pedernales, with which it produces 18% of the electricity consumed in the Dominican Republic. It is also a pioneer and leader in wind generation with its Los Cocos and Larimar wind farms, which produce 94% of the country's wind generated electricity.



LA SULTANA DEL ESTE– POWER INSTALLED 153 MW



## BARAHONA'S COAL)

The plant, designed to operate using coal and bagasse, began commercial operations in 2001.

Power Installed 45.6MW



**COCOS WIND FARM** with a generating capacity of 25.2 MW. In 2012 the expansion of the wind power plant was developed, with the inclusion of 26 wind turbines with a capacity of 52 MW, for a total generation of 77.2 MW with 40 mills



**POWER HAINA**  
100MW



# POWER GENERATION PROJECT

## CLIENT : EMPRESA GENERADORA DE ELECTRICIDAD HAINA (EGE HAINA)



**PRECIPITATORS AND HRSG 1 AND 2 BARAHONA PLANT**



**REPAIR FOUNDATIONS SUPPORT BASES AND SUPPORTS FOR FUEL PIPE.).**



**CONSTRUCTION OF DRAINAGE IN QUISQUEYA I AND II PLANT**





# POWER GENERATION PROJECT

## CLIENT : ODEBRECHT – TECNIMONT - ESTRELLA

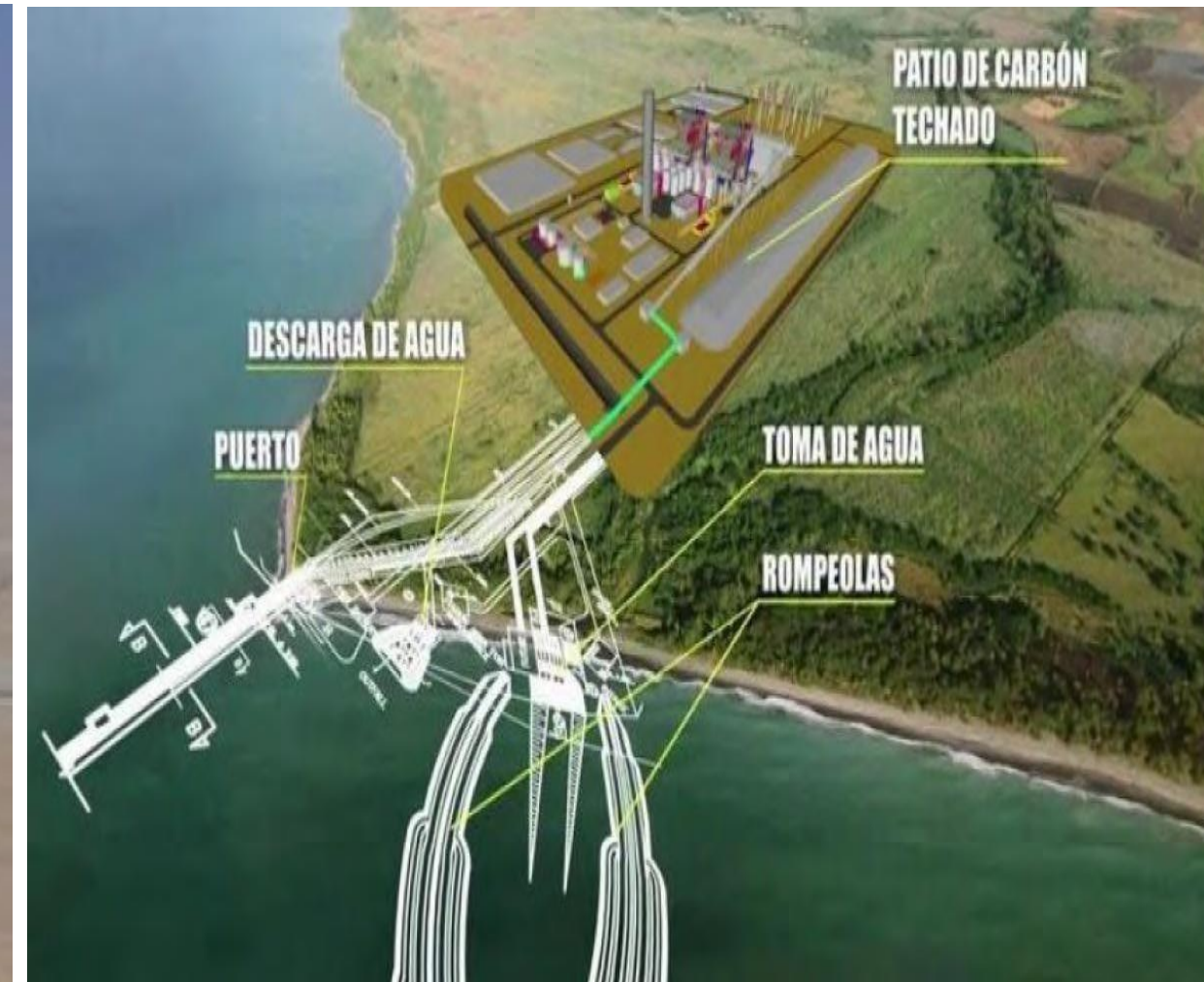


### TERMoelectric POWER PLANT PUNTA CATALINA 2X376MW



#### OVERVIEW

The Punta Catalina Thermoelectric Power Plant is composed of two units of electricity generation of 376 MW gross each, for a total of 752 MW gross, located in the Municipal District of Catalina, Baní, Peravia Province, in the Dominican Republic. The Power Plant will generate energy from the clean burning of pulverized coal, and along with this the project includes all the support facilities such as: the installation of a charcoal spring with a maximum capacity of 80,000 tons, coal unloading and storage systems completely closed, ash deposit, central warehouse for spare parts, water production plant, wastewater treatment plant and electrical substation of 345 kV 138 kV the corresponding transmission lines to connect the generated energy to the National Interconnected Electrical System (SENI).





# POWER GENERATION PROJECT

## CLIENT : CONSORCIO ODEBRECHT-TECNIMONT-ESTRELLA (752 MW)



OUTFALL CONECTION PIPELINE

ANTICORROSIVE  
TREATMENT

Trabajos de pintura aplicada  
manualmente en Muelle

MANUFACTURING - SUPPORTS





Wind project in the United States, 27 miles off the coast of Virginia Beach, VA. When complete, the wind project will produce enough energy to power 650,000 homes with clean, renewable energy

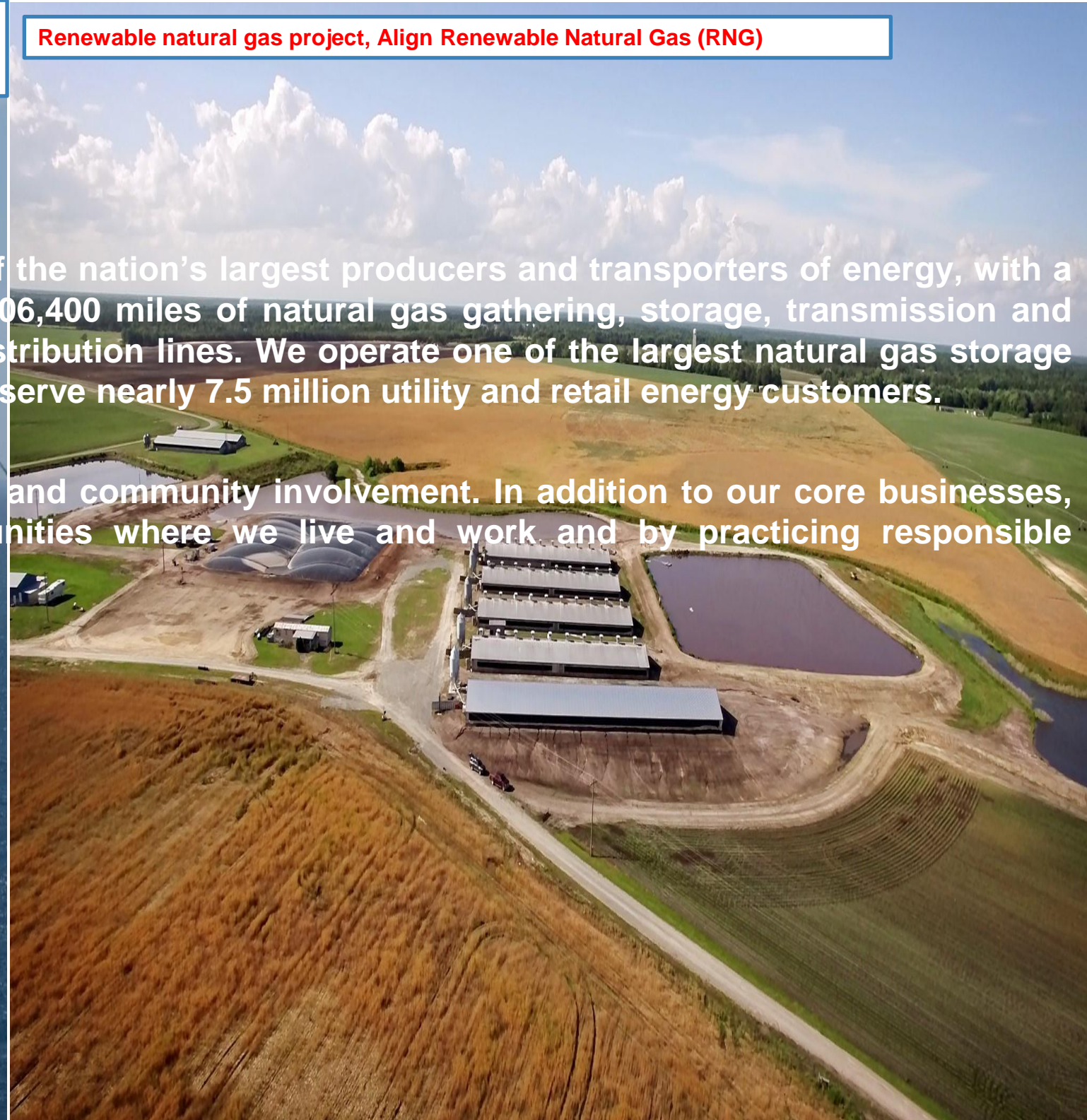
## OVERVIEW

Headquartered in Richmond, VA, Dominion Energy [NYSE: D] is one of the nation's largest producers and transporters of energy, with a portfolio of approximately 31,000 megawatts of electric generation; 106,400 miles of natural gas gathering, storage, transmission and distribution pipeline; and 93,600 miles of electric transmission and distribution lines. We operate one of the largest natural gas storage systems in the U.S. with more than a trillion cubic feet of capacity, and serve nearly 7.5 million utility and retail energy customers.

Our company is built on a proud legacy of public service, innovation and community involvement. In addition to our core businesses, Dominion Energy and our 21,000 employees invest in the communities where we live and work and by practicing responsible environmental stewardship wherever we operate.



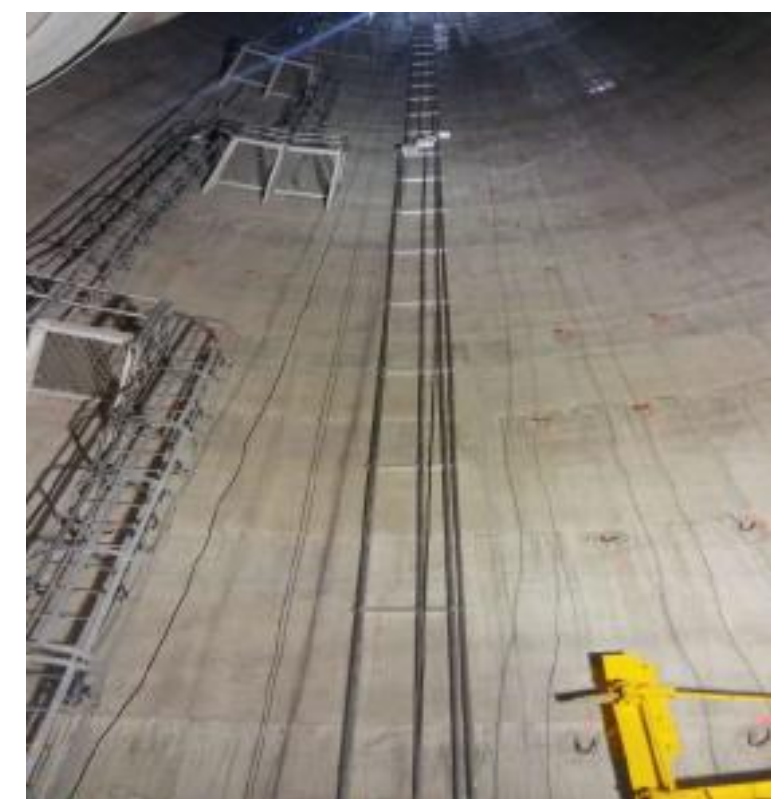
Renewable natural gas project, Align Renewable Natural Gas (RNG)





# POWER GENERATION PROJECT

CLIENT : DOMINION ENERGY  
COMMONWEALTH DYNAMICS, INC.

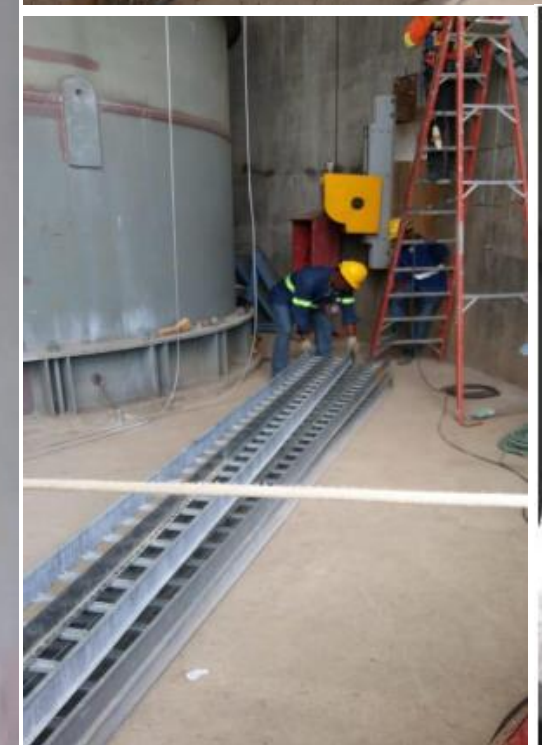


**PROJECT: SUPPLY MATERIALS AND ELECTRICAL INSTALLATION IN CONCRETE  
CHIMNEY 160M - PUNTA CATALINA POWER PLANT**



# POWER GENERATION PROJECT

CLIENT : DOMINION ENERGY  
COMMONWEALTH DYNAMICS, INC.



**PROJECT: SUPPLY MATERIALS AND ELECTRICAL INSTALLATION IN CONCRETE  
CHIMNEY 160M - PUNTA CATALINA POWER PLANT**



# POWER GENERATION PROJECT-RENEWABLE PROJECT

## CLIENT : DOMINION ENERGY

## COMMONWEALTH DYNAMICS, INC.



**PROJECT: PV PLANT 50MW – MATA DE PALMA**





# POWER GENERATION PROJECT-RENEWABLE PROJECT

## CLIENT GRUPO EÓLICO DOMINICANO - INVERAVANTE



**PROJECT: WIND FARM MATAFONGO 34MW**



## POWER GENERATION PROJECT CLIENT : WARTSILA

## POWER GENERATION PROJECT CLIENT : Consortium LAESA



- 1.- Installation Ship engine room, within the same there are 4 Wärtsilä generators.
- 2.- Tanks and fuel lines and steam for Energy complex made installed, painted and insulated

1. Vents installation in the energy consortium LAESA, Pimentel, province Duarte.
- 2.- Exhaust gas duct of the upper generators of phase 3 LAESA energy complex.
- 3.- Water heater for heating the natural gas system, manufactured, installed, painted and insulated.





# POWER GENERATION PROJECT

## CLIENT : FIAT-AVIO - SERVINCA



**Turbine Gas Plant at San Pedro, Barahona & Los Minas I and II.**



# POWER GENERATION PROJECT

## CLIENT : SAN PEDRO BIOENERGY 30MW



**INSTALLATION OF STRUCTURAL BUILDING FOR COAL STORAGE IN SAN PEDRO BIOENERGY PLANT 45.8M X 40 M X 23.40 M**





## OVERVIEW

Public institution in charge of the preservation and rational use of water resources. As part of its functions, it is in charge of studying, projecting and programming all the hydraulic and energy works necessary for the integral development of watersheds. Among its activities, the provision of digital cartography services, the collection of statistical data on levels of reservoirs, dams, the transmission of data within the early warning network, among others. It is currently implementing a program aimed at providing technological solutions for electrification in rural areas with the use of renewable energy.



Empresa de Generación Hidroeléctrica Dominicana (Egehid), subsidiary of the CDEEE power holding, is dedicated to the development of hydroelectric projects and the generation of water power. It provides services for energy distributors Edenorte, Edesur and Edeeste. Egehid is based in Santo Domingo.





# POWER GENERATION PROJECT - HYDROELECTRIC

## CLIENT : INDRHI – EGEHID – BANCO MUNDIAL

Design, manufacture and assembly of hydromechanical equipment associated with hydroelectric works, irrigation, sanitation, industrial processes, etc.



**SABANA YEGUA'S DAM**  
POWER INSTALLED - 13 MW



**MONCIÓN'S DAM**  
POWER INSTALLED - 52 MW



**MAGUACA'S DAM**  
IRRIGATION OF 14,220 HECTARES AND  
FLOODING CONTROL



**JIGÜEY-AGUACATE 'S DAM**  
POWER INSTALLED - 98MW Y 52MW



**LAS BARIAS'S DAM**  
Reconstruction of two gates of the Las Barias dam  
dimensions 15 x 10.6 Mts and 15 x 9.5 Mts



**VILLARPANDOS DAM**  
SUPPLY AND INSTALLATION OF THE HYDROMECHANICAL EQUIPMENT  
(1) 6M X 4M COFFERDAM WITH A FISHING BEAM SYSTEM.  
(4) SLIDING GATES OF TAKE PART 2.4M X 1.8M



**TAVERAS'S DAM**  
POWER INSTALLED - 96MW



**CHACÜEY'S DAM**



**JIGÜEY'S DAM**





# POWER GENERATION PROJECT - HYDROELECTRIC

## CLIENT : INDHRI – EGEHID – BANCO MUNDIAL

Design, manufacture and assembly of hydromechanical equipment associated with hydroelectric works, irrigation, sanitation, industrial processes, etc.

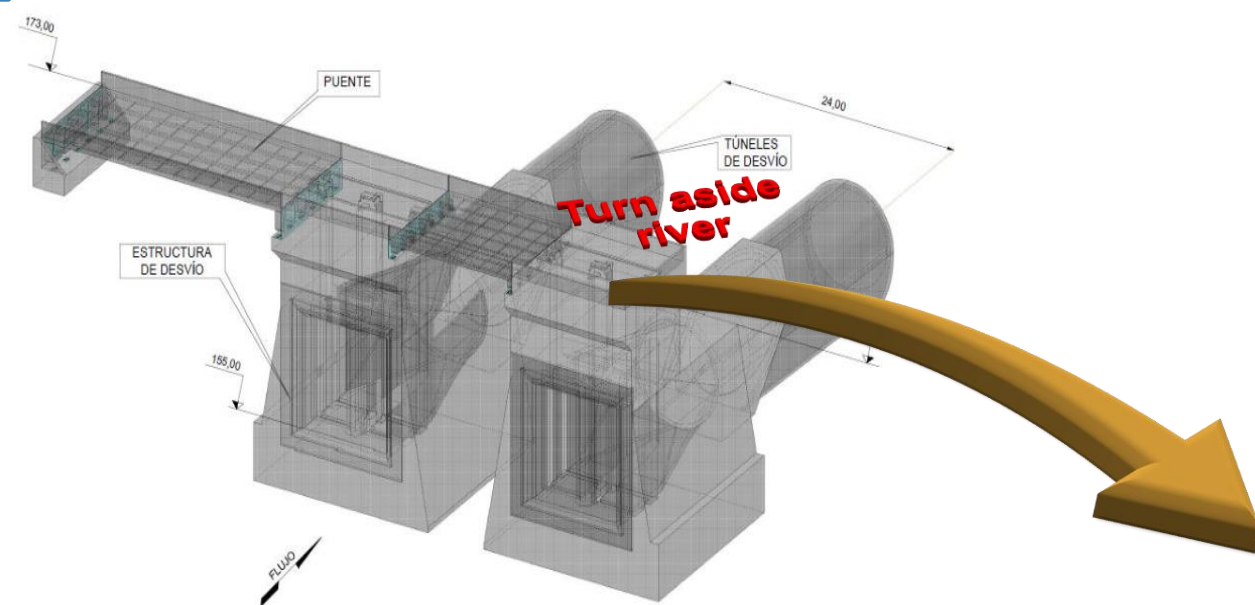




# POWER GENERATION PROJECT - HYDROELECTRIC

CLIENT : INDRHI – EGEHID –BANCO CENTROAMERICANO  
DE INTEGRACIÓN ECONÓMICA.

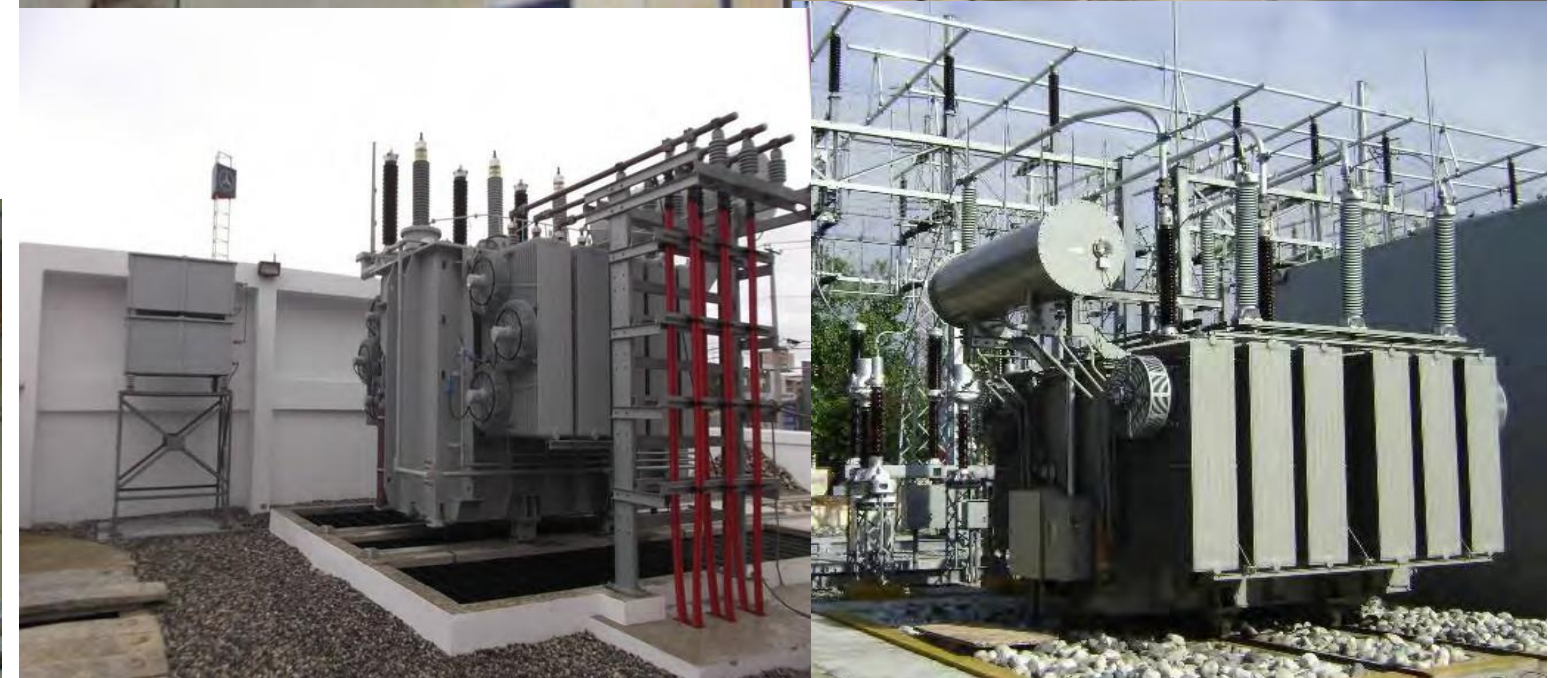
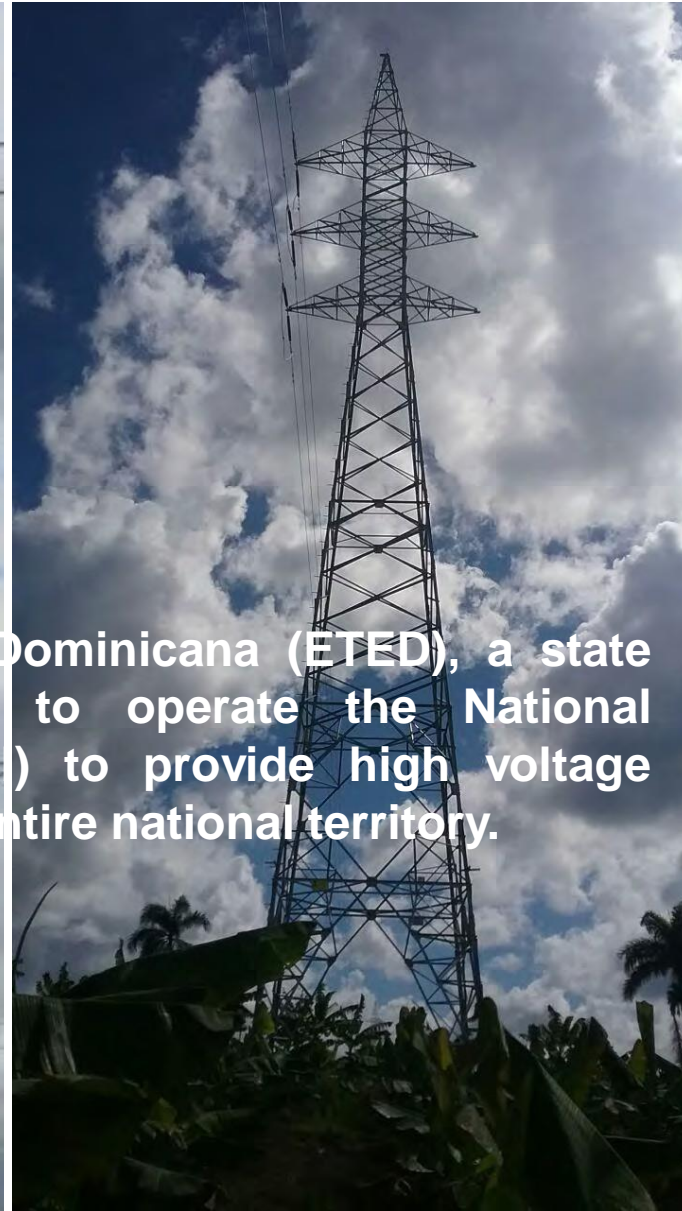
## MONTEGRANDE'S DAM 18MW



Consorcio Montegrande  
Andrade Gutierrez -Servinca







## OVERVIEW

La Empresa de Transmisión Eléctrica Dominicana (ETED), a state power company whose objective is to operate the National Interconnected Electrical System (SEN) to provide high voltage electric power transport services to the entire national territory.

## OVERVIEW

The Santo Domingo Metro project was developed by the Office for the Reorganization of Transportation (OPRET), who will also be in charge of its routine operation.



# POWER GENERATION PROJECT

## CLIENT : ETED

OVERHEAD TRANSMISSION LINE – DISTRIBUTION LINE & ELECTRICAL SUBSTATIONS



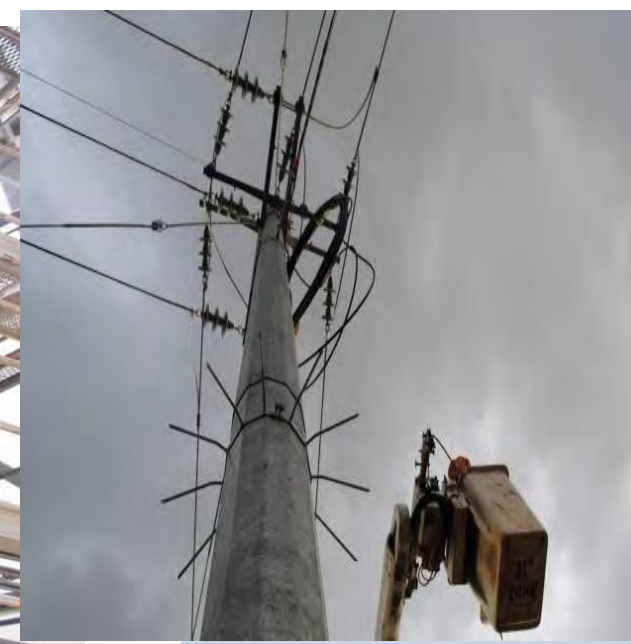
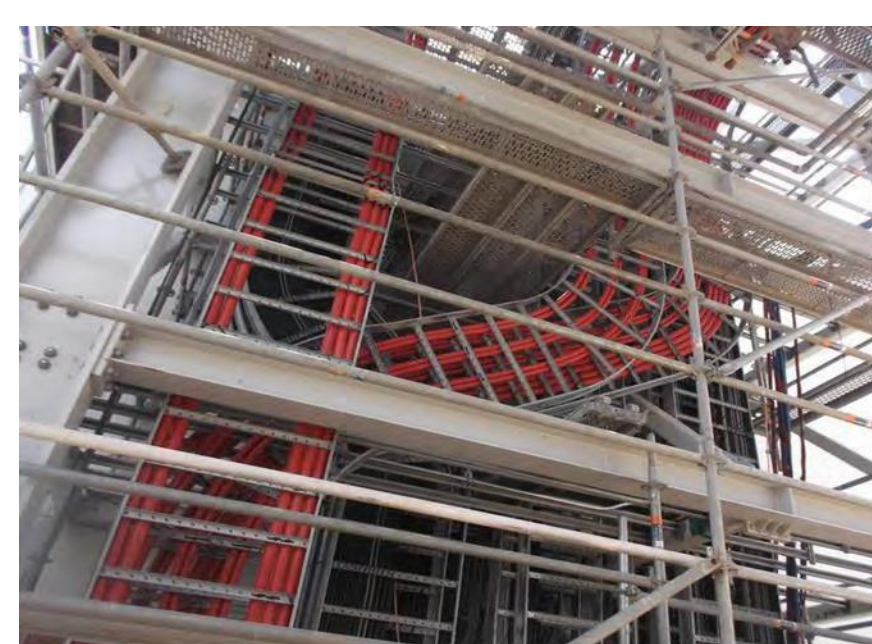
**ELECTRICAL SUBSTATION PINALITO 50 MVA**



**ELECTRIC SUBSTATION BULLA-MONCION 50 MVA - MONUMENTAL DAM.**



**OVERHEAD TRANSMISSION LINE. 69KV AND 138KV**



**CABLING THE AES LOS MINA PROJECT**  
LAYING AND CONNECTED CABLE 25 MM2 @ 300MM2 =  
200,000.00 ML



# POWER GENERATION PROJECT

## CLIENT : OPRET



METRO DE SANTO DOMINGO, LINE I & II



SUBSTATION LA ISABELA 40 MVA, METRO DE SANTO DOMINGO L1



# INDUSTRIAL AND MINING PROJECT

**AmBev**  
**Dominicana**

 CERVECERIA  
NACIONAL  
DOMINICANA

## OVERVIEW

Cervecería Nacional Dominicana is a producer and marketer of beers, malts, carbonated and energizing beverages.

In 2012 Cervecería Nacional Dominicana joins Ambev (Beverages Company of the Americas) to shape a strategic alliance whose objective is to make CND the leading beverage company in the Caribbean. Ambev is an open-capital company, based in Sao Paulo, Brazil, and is associated with the world's largest beer production and marketing platform.





# INDUSTRIAL AND MINING PROJECT

## CLIENT : AMBEV DOMINICANA – CERVECERA NACIONAL DOMINICANA



**Dominican AMBEV Beer Plant - Hato Nuevo, Dominican Republic.**



# INDUSTRIAL AND MINING PROJECT

## CLIENT : FALCONDO



**NEW SYSTEM TILTING MACHINE**



# INDUSTRIAL PROJECT

## CLIENT : ZONA FRANCA MULTIMODAL PUERTO CAUCEDO



**RTG TIE DOWN**



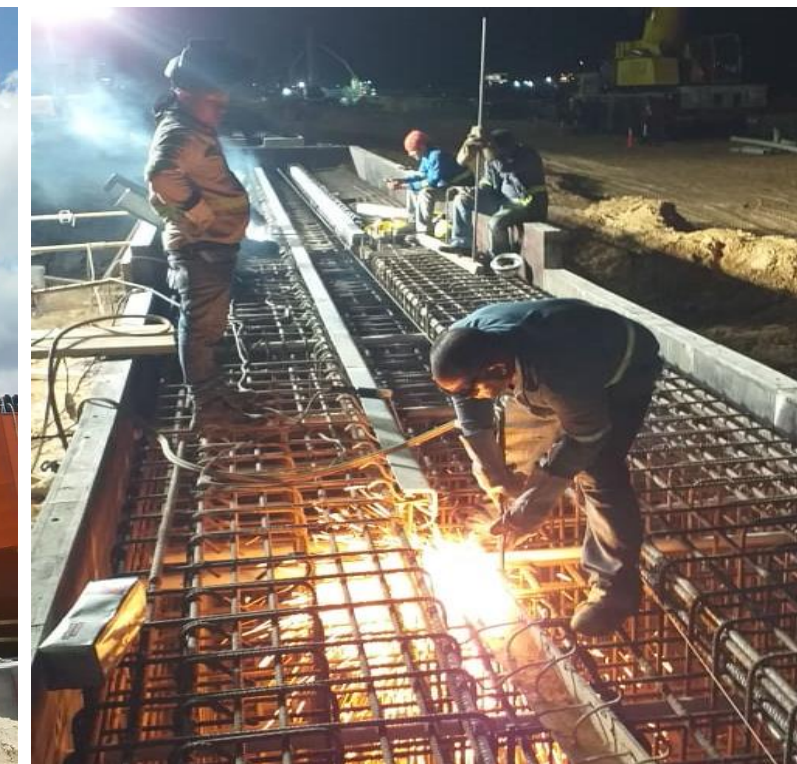
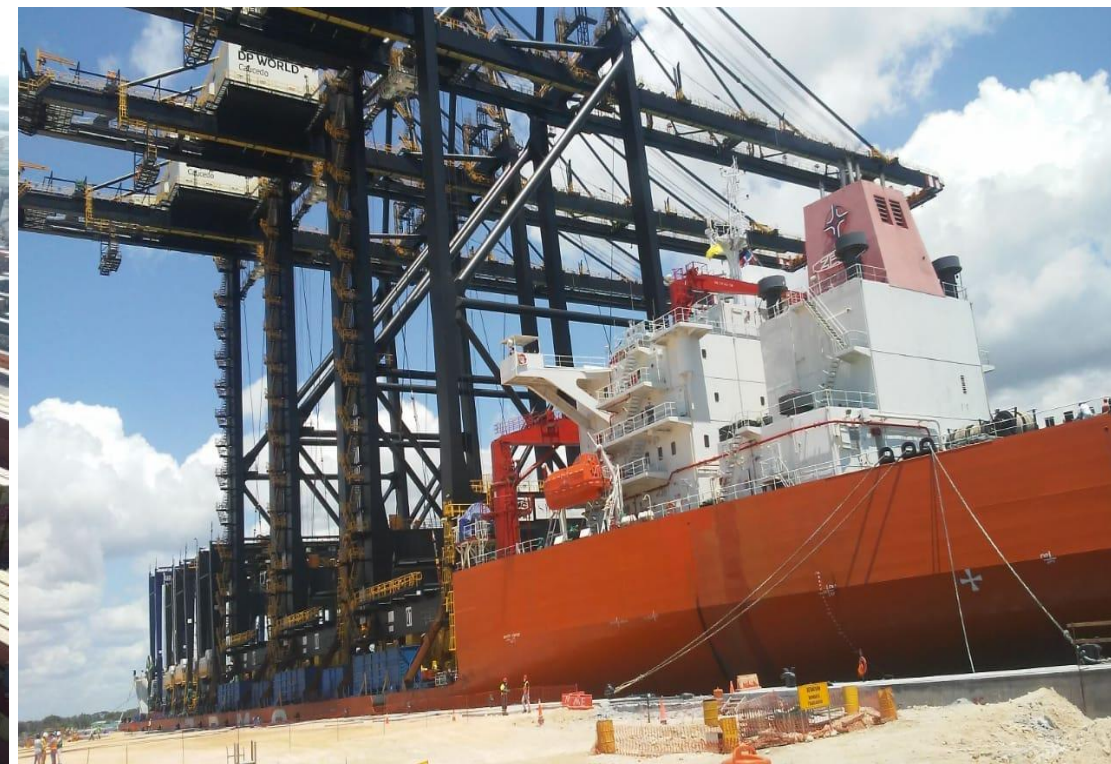
**EMERGENCY MANUFACTURE OF PLATES**



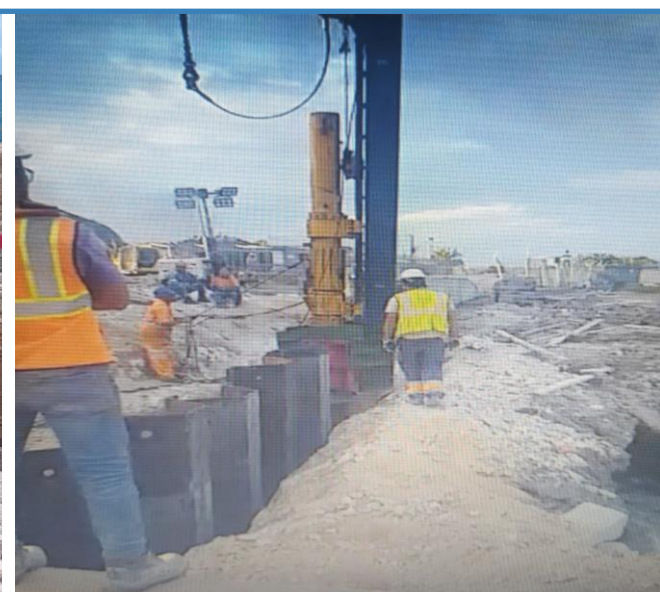


# INDUSTRIAL PROJECT

## CLIENT : ZONA FRANCA MULTIMODAL PUERTO CAUCEDO



**Caucedo Port Expansion**  
**Supply of Personnel, Equipment and Materials**





# CIVIL AND HYDRAULIC PROJECT

SEVERAL CLIENTS.





# CIVIL AND HYDRAULIC PROJECT

Design, manufacture and assembly of hydro mechanical equipment associated with hydroelectric works, irrigation, sanitation



Installation of carbon steel pipe system, butterfly valves and expansion joints, drains

17/06/2004



**NORTHWEST AQUEDUCT PROJECT.**

Construction of Metallic Water Tank of 5000 m3.



Manufacture and Assembly of Pipes and interconnections, elbows, accessories, valves and accessories in 36", 48" and 54" sizes.

30/13/12



**AQUEDUCT AV. JOHN F. KENNEDY. (6 km)**





# Key Activities and Services **Civil Project**

EarthWorks and Excavations, Foundations



**WORK WITH HIGH FREATIC LEVEL  
CAMBRONAL WATERWAY - LOT 1**



**CIVIL WORKS AND INSTALLATION STEEL SHEETS (SHEET PILING), PROJECT F336,  
BARRICK GOLD PROJECT.**



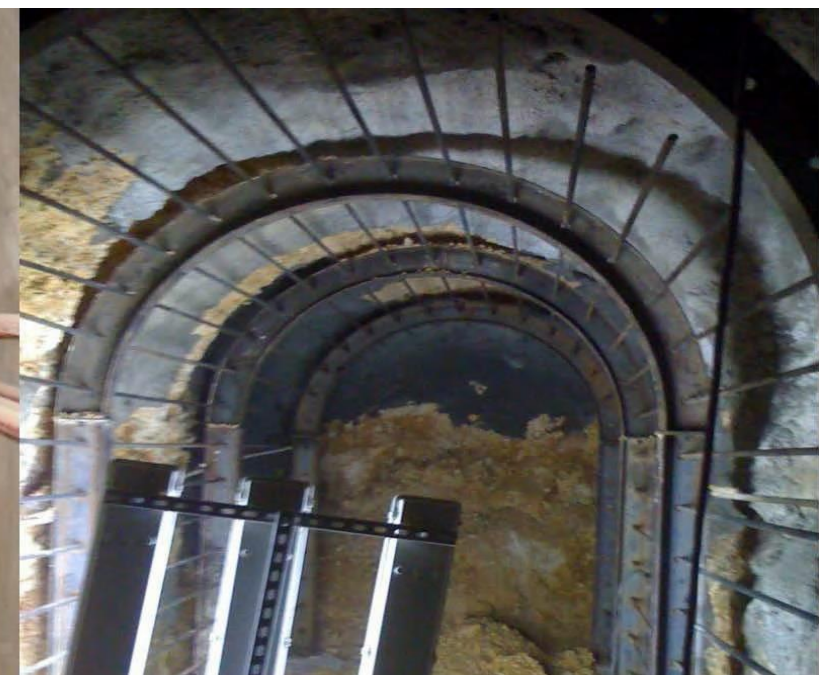
**CIVIL WORKS AND FORMWORK PROJECT K136,  
PVDC**



**DRILLING AND EMPTYING "IN SITU" OF 915 PILOTS OF REINFORCED CONCRETE, PROJECT LINE NO. 1,  
METRO DE SANTO DOMINGO**



**TUNNEL CONSTRUCTION - CABLEADO GALLERY FOR S / E  
PARADISE, SANTO DOMINGO METRO PROJECT**





# Key Activities and Services **Civil Project**

EarthWorks and Excavations, Foundations, Formworks, Concreting



**CONSTRUCTION OF WALLS AND PLATFORMS OF GAVIONS AND EROSION CONTROL, CANAL CRISTÓBAL, PROJECT LOTE 1**



**CIVIL WORKS FOR LATERAL AND CENTRAL WALLS DRILLIN PROJECT CAÑO LUCAS**



**PROJECT SIFÓN JIMA CAMÚ – LAS ROSAS, LOTE 10**



**ELIMINATION OF BODY MATERIALS OF THE RIVER WATER UP OF THE DAM, LEVELING OF THE RIVER IN THE REMOVAL AREA, WATER UP AND WATER DOWN THE DAM, CAMBRONAL CHANNEL - LOT PROJECT 1**



**WATERSTORM DRAINAGE DRAWERS, WATERWAY CAMBRONAL - LAS LAJITAS PROJECT LOT 1**



**WORKS OF WALLS OF CONTAINMENT IN SUCKS STABILIZED IN CEMENT, STRUCTURE IN MATTRESS OF GAVIONES FOR CHANNEL CHRISTOBAL, PROJECT LOT 1.**



# CIVIL AND HYDRAULIC PROJECT

Design, manufacture and assembly of hydro mechanical equipment associated with hydroelectric works, irrigation, sanitation, industrial processes, etc.

## LAGOON NÚÑEZ DE CÁCERES



Design and construction of water wells, filtration? At 200 'depth, with layers in carbon steel tubes? With diameters of 16 "and 18".

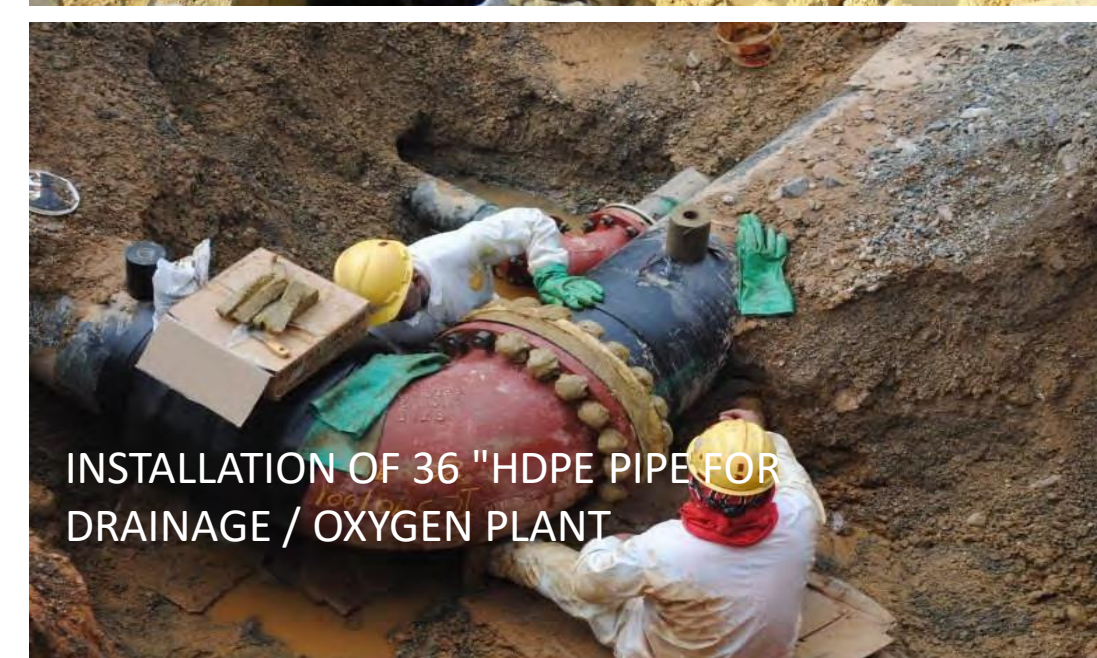
## K112 PROJECT – BARRICK GOLD



Assembly of HDPE pipes 36 "



## F336 PROJECT – BARRICK GOLD



INSTALLATION OF 36 "HDPE PIPE FOR DRAINAGE / OXYGEN PLANT





# MAP OF MAIN PROJECTS EXECUTED

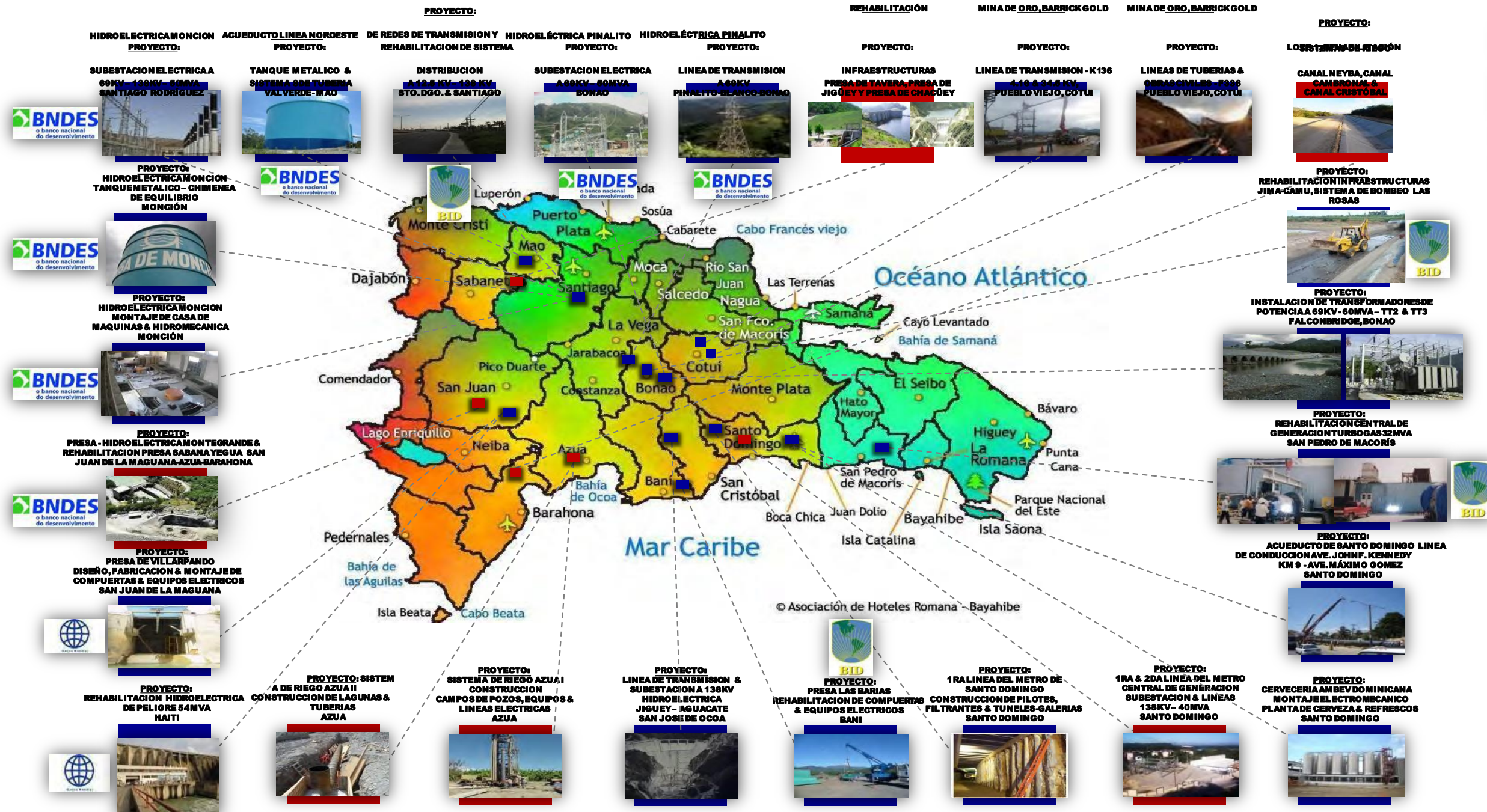




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## EXPERIENCE OF SERVINCA IN PROJECTS WITH IDB FUNDS AND OTHER OUTSIDE BANKS



**PROYECTOS EJECUTADOS CON PRESTAMO DEL BANCO INTERAMERICANO DE DESARROLLO**

**PROYECTOS EJECUTADOS CON PRESTAMO DEL BANCO NACIONAL DE DESARROLLO**

**PROYECTOS EJECUTADOS CON PRESTAMO DEL BANCO MUNDIAL**

**PROYECTOS EJECUTADOS**

**PROYECTOS EN EJECUCION**

*Through its more than 40 years of service, Servinca has executed a wide variety of projects throughout the national geography in different areas of engineering. We are currently executing projects from the private sector and the public sector with the aim of developing projects at an international level.*

Gestión - Planeamiento - Diseño - Suministro - Fabricación - Montaje - Construcción - Puesta en Marcha - Automatización - Tecnología - Mantenimiento