



# PROJECTS PORTFOLIO



**ProInversión**

Agencia de Promoción de la Inversión Privada - Perú

# LAND TRANSPORT PROJECTS PORTFOLIO



SECTOR / PROJECT	CURRENT STATUS	ESTIMATED INVESTMENT US\$ MILLION	PLANNED AWARD DATE
<i>1. Longitudinal de la Sierra Road Concession</i>			
1.1 Longitudinal de la Sierra road project Section 2- Ciudad de Dios–Cajamarca-Chiple, Dv. Chilete-Emp. PE-3N / Cajamarca – Chota – Cutervo – Chiple /Cajamarca – San Marcos – Huamachuco – Chorei – Trujillo	Called	174.5	IV QT 2013
1.2 Longitudinal de la Sierra road project Section 4: Huancayo- Ayacucho	To be called	223	2014
1.3 Longitudinal de la Sierra road project Section 5: Combapata, Sicuani, Puno, Ilave and Desaguadero.	To be called	126.7	2014

# ROAD CONCESSIONS: *LONGITUDINAL DE LA SIERRA* ROAD PROJECT, SECTION 2:



**CALLED**

**Location:** Cajamarca and La Libertad regions.

**Cities:** Huamachuco, Cajabamba, San Marcos, Cajamarca, Bambamarca, Chota and Cutervo.

**Description:** The project comprises the rehabilitation and upgrading works (80km), regular initial maintenance (140 km) and operation and maintenance of all the Section, according to the required level of service.

Approximated length of 879 km.

- **Estimated investment:** US\$ 174.5 million
- **Type of concession:** Co-financed
- **Competition factor:** The lowest payment that the concessionaire is willing to receive for works annual payment, initial regular maintenance annual payment and maintenance and operation annual payment.

**Current status:** Called

**Estimated award date:** IV QT 2013.



# ROAD CONCESSIONS: *LONGITUDINAL DE LA SIERRA* ROAD PROJECT, SECTION 4:



**TO BE CALLED**



**Location:** Junín, Huancavelica, Ayacucho and Apurímac regions.

**Cities:** Huancayo, Izcuchaca, Mayoc and Ayacucho.

**Description:** The project comprises the rehabilitation and the upgrading works (117 km), regular initial maintenance (160 km) and operation and maintenance of all the Section, according to the required level of service.

Approximated length of 640 km.

- **Estimated Investment:** US\$ 223 million
- **Type of concession:** Co-financed

**Current status:** To be called, II QT 2013.

**Estimated award date:** 2014.



# ROAD CONCESSIONS: *LONGITUDINAL DE LA SIERRA* ROAD PROJECT SECTION 5:



## TO BE CALLED



**Location:** Cusco and Puno regions.

**Cities:** Combapata, Sicuani, Puno, Ilave and Desaguadero.

**Description:** The project comprises the regular initial maintenance, and operation and maintenance of all the Section, according to the required level of service.

Approximated length of 423 km.

- **Estimated Investment:** US\$ 126,7 million
- **Type of concession:** Co-financed

**Current status:** The pre-investment studies are under formulation by the Ministry of Transport and Communication.

**Estimated award date :** 2014.

# RAILROAD PROJECT PORTFOLIO



PROJECT	CURRENT STATUS	ESTIMATED INVESTMENT US\$ BILLION	PLANNED AWARD DATE
Lima and el Callao electric mass transportation system- line 2 and Section of line 4	Called	4.5	IV QT 2013

# LIMA AND EL CALLAO ELECTRIC MASS TRANSPORTATION SYSTEM- LINE 2 AND SECTION OF LINE 4



**CALLED**

## BASIC NETWORK OF THE LIMA METRO



**Location:** Lima city and El Callao province.

**Description:** Concession to design, build, finance, supply of electromechanical equipment, acquire rolling equipment, operate and maintain Line 2 of the electric mass transportation system. Line 2 and section of line 4, will have an approximated extension of 35 km and will cross 16 districts of Metropolitan Lima.

- **Estimated investment :** US\$ 4.5 billion
- **Type of concession:** Co-financed

**Current status:** The project profile is accessible at Proinversión's web site. The feasibility study is currently under process.

**Estimated award date :** IV QT 2013.

# HYDROCARBONS PROJECTS PORTFOLIO



PROJECT	CURRENT STATUS	ESTIMATED INVESTMENT US\$ MILLION	PLANNED AWARD DATE
Supply System of LPG for Lima and Callao	Called	260	III QT 2013
Mass use of natural gas nationwide	Called	180	III QT 2013
Supply system of LNG for domestic market	Called	252	IV QT 2013
Southern region gas pipeline	To be called	2431	III QT 2013
South energy node	To be called	1,200	2013



# LPG TRANSPORT SYSTEM FOR LIMA AND EL CALLAO



## CALLED



**Location:** Runs from Ica region to El Callao port.

**Description:** Concession to design, finance, build, operate, and maintain an LPG transport system from the producer facilities (Pisco) to El Callao port. The project involves:

- ✓ A pipe of approximately 357 km from Pisco (south of Lima) to El Callao port. An initial transport of 2,000 tones of LPG daily is estimated.
- ✓ A terminal for storage and dispatch to be placed in El Callao port.
- ✓ Pumping station, valves, pig traps, measurement and communication equipments.
- **Estimated investment :** US\$ 260 million
- **Type of concession:** Self- sustained
- **Competition factor:** The lowest cost of transport
- **Concession term:** 20 years plus the construction period (28 months)

**Current status:** The second contract version is under elaboration.

**Estimated award date:** III QT 2013.

# MASS USE OF NATURAL GAS



## CALLED



**Location:** 11 cities to be supplied under two concessions;  
**South:** Arequipa, Moquegua, Ilo and Tacha. **North:** Chimbote, Trujillo, Huaraz, Cajamarca, Chiclayo, Lambayeque and Pacasmayo.

**Description:** The distribution system of natural gas includes:

- ✓ Land or sea transport of liquid or compressed natural gas from the gas liquefaction plant Pampa Melchorita to the cities to be supplied.
- ✓ Regasification at each city gate.
- ✓ Supply of natural gas to final users through gas pipelines.
- **Estimated investment:** US\$ 180 million
- **Type of concession:** Self-sustained
- **Competition factor:** Largest number of users connected
- **Concession term:** 20 years

**Current status:** The second contract version will be published in March 2013.

**Estimated award date :** III QT 2013.

# STAND BY LNG SUPPLY SYSTEM



## CALLED



**Location:** Pampa Melchorita Plant, Cañete province.

**Description:** Concession to design, finance, build, operate and maintain a supply system that includes:

- ✓ A reserve tank of liquid natural gas produced at the gas liquefaction plant of Pampa Melchorita.
- ✓ Facilities for re-gasification and dispatch natural gas for users in Lima and El Callao in case of emergency situations. With a capacity of 120 MM cubic meters to supply the consumption for 7 days.
- **Estimated Investment :** US\$ 252 million.
- **Type of concession:** Self-sustained.
- **Competition factor:** The lowest cost of total service.
- **Concession term:** 30 years.

**Current status:** The first contract version is under elaboration.

**Estimated award date :** IV QT 2013.

# SOUTHERN REGION GAS PIPELINE



## TO BE CALLED



**Location:** Cusco, Arequipa and Moquegua regions.

**Description:** Concession to design, finance, build, operate and maintain a natural gas distribution system.

- ✓ Trench 1: redundant liquid and gas pipelines from Camisea (Malvinas plant) to Compresión Chiquintirca station
- ✓ Trench 2: gas pipeline from Camisea to Anta. Includes the construction of the Quillabamba thermoelectric Plant
- ✓ Trench 3: gas pipeline from Anta to the southern coast of Peru, possibly reaching the Ilo port
  - **Estimated Investment:** US\$ 2431 million
  - **Type of concession:** Self-sustained

**Current status:** The promotion was approved.

**Estimated award date:** III 2013.

# SOUTH ENERGY NODE



## TO BE CALLED



**Location:** Moquegua region.

**Description:** Concession to design, finance, build, operate and maintain thermal plants using natural gas brought from Camisea to generate electricity for regional users and for export purposes.

The plant's generation is intended for domestic consumption (900 MW) and energy export (1,200 MW).

- **Estimated Investment:** US\$ 1200 million
- **Type of concession:** Self-sustained

**Current status:** The promotion plan was approved.

**Estimated award date:** 2013.



# ENERGY (ELECTRICITY) PROJECTS PORTFOLIO



PROJECT	CURRENT STATUS	ESTIMATED INVESTMENT US\$ MILLION	PLANNED AWARD DATE
<b>TRANSMISSION LINES</b>			
220 kW Moyobamba – Yurimaguas - Nauta-Iquitos Transmission Line	Called	416	II QT 2013
Mantaro-Marcona- Socabaya-Montalvo 500 Kv Transmission Line	Called	372	II QT 2013
<b>THERMAL POWER STATIONS</b>			
Energy supply to Iquitos city (70 Mw)	Called	81	II QT 2013

# T.L. MOYOBAMBA – IQUITOS EN 220 kV



## CALLED



**Location:** Crosses Loreto and San Martín regions.

**Description:** Concession to design, finance, build, operate and maintain the line, aimed to incorporate Iquitos to the interconnected system. It will have an approximately length of 600 km and capacity of 145 MVA.

- **Estimated Investment :** US\$ 416 million
- **Type of concession:** Self-sustained
- **Competition factor:** The lowest cost of total service
- **Concession term:** 30 years plus the construction period (52 months)

**Current Status:** The fourth contract version is published at Proinversión's web site.

**Estimated award date:** II QT 2013.

# T.L. MANTARO-MARCONA-SOCABAYA-MONTALVO 500 kV



## CALLED



**Location:** Crosses the Huancavelica, Ica, Arequipa and Moquegua regions.

**Description:** Concession to design, finance, build, operate and maintain a line with an approximately length of 900 km. and a capacity of 1600 MVA. The energy generated will be transmitted to the southern region so as to meet its growing electricity demand, which is expected that in the next 5 years will increase by around 1000 MW, due basically to mining investments.

- **Estimated investment:** US\$ 372 million
- **Type of concession:** Self-sustained
- **Concession term:** 30 years plus the construction period (44 months)

**Current status:** The first contract version is published at Proinversion's web site.

**Estimated award date:** II QT 2013.

# ENERGY SUPPLY TO IQUITOS CITY 70 MW



**CALLED**



**Location:** Iquitos and Loreto regions.

**Description:** Concession to design, finance, build, operate and maintain a new thermoelectric power stations to be placed in Iquitos (70 MW). In its first stage it will run providing a regular supply of electricity that will end once the operation of the Moyobamba – Iquitos transmission line start to operate. In a second stage they will function as a stand-by reserve.

- **Estimated investment:** US\$ 81 million
- **Type of concession:** Self-sustained
- **Competition factor:** Lowest payment offered per installed capacity to generate energy, once the plant operates as a stand-by reserve
- **Concession term:** 20 years plus the construction period (24 months)

**Current status:** The third contract version is published at Proinversion's web site.

**Estimated award date:** II QT 2013.

# AIRPORT PROJECT PORTFOLIO



PROJECT	CURRENT STATUS	ESTIMATED INVESTMENT US\$ MILLION	PLANNED AWARD DATE
New international airport of Chinchero - Cusco	Called	420	IV QT 2013



# NEW INTERNATIONAL AIRPORT OF CHINCHERO – CUSCO



**CALLED**



**Location:** Cusco region.

**Description:** Concession to design, build, finance, operate and maintain the new international airport of Chinchero – Cusco.

- **Estimated investment:** US\$ 420 million (infrastructure works only)
- **Type of concession:** Co-financed
- **Concession term:** 40 years
- **Competition factor:** Lowest co-finance required

**Current status:** The pre-investments studies are going to be published.

**Estimated award date:** IV QT 2013.

# PORT PROJECTS PORTFOLIO



PROJECT	CURRENT STATUS	ESTIMATED INVESTMENT US\$ MILLION	PLANNED AWARD DATE
1. General San Martin port terminal	Called	101	III QT 2013
2. Amazon Waterways	Called	74	IV QT 2013

# GENERAL SAN MARTÍN PORT



## CALLED



**Location:** Ica region.

**Description:** Concession to design, build, finance, maintain and operate the General San Martín port. The project comprises the upgrading and modernization of berth, docks and storage areas to handle general cargo, bulk cargo, among others.

- **Estimated investment:** US\$ 101 million
- **Type of concession:** Self- sustained
- **Competition factor:** Under evaluation
- **Concession term:** 30 years

**Current status:** The promotion plan was approved and published at Proinversion's web site.

**Estimated award date:** III QT 2013.

# AMAZON WATERWAYS



## CALLED



**Location:** Loreto and Ucayali regions.

**Description:** The project comprises dredging works and ships transit signaling so as to ensure adequate navigability conditions among the Yurimaguas, Pucallpa and Iquitos ports.

- **Estimated investment:** US\$ 74 million
- **Type of concession:** Co-financed
- **Concession term:** 20 years

**Current Status:** The promotion plan was approved and published at Proinversion's web site.

**Estimated award date:** IV QT 2013.

# AGRICULTURE AND IRRIGATION PROJECTS PORTFOLIO



PROJECTS	CURRENT STATUS	ESTIMATED INVESTMENT US\$ MILLION	PLANNED AWARD DATE
Chavimochic irrigation project	To be called	499	IV QT 2013
Majes Sigwas project			
Land Sale in Majes I (1,000 ha)	Called	4	IV QT 2013



# CHAVIMOCHIC IRRIGATION PROJECT



TO BE CALLED



La Libertad

**Location:** La Libertad region.

**Description:** The concession of the project includes:

- ✓ Construction of works of the III stage:
  - Dam of 366 million cubic meters capacity in the Palo Redondo sector.
  - Third line of Virú siphon
  - Moche – Chicama - Urricama canal of 113 km length
- ✓ Development of an automation and improvement system, in order to improve the control and efficiency of the project operation.
- ✓ Operation and maintenance of the Chavimochic Irrigation System ( Stages I, II and III).
- ✓ Water services supply for the following users: population (drinkable water and sewerage services of la Libertad – SEDALIB), agriculture (valleys and inter valleys of the Project) and hydro energy (hydroelectric power stations).
  - **Estimated investment :** US\$ 499 million (III Stage works)
  - **Type of concession:** Co- financed
  - **Concession term:** 24 years

**Current status:** The Tender Documents and the called for tender will be made on February 2013.

**Estimated award date :** IV QT 2013.

# MAJES-SIGUAS PROJECT

## LAND SALE OF 1000 ha LOCATED IN MAJES I



**CALLED**



- ☐ **Location:** Arequipa.
- ☐ **Description:** Sale of 02 plots of untilled lands of 500 ha each, with water right of up to 13,500 m<sup>3</sup>/ha/year.

The plots are located in the lower area of Pampa de Majes (110 km from Arequipa city). They are accessed by km 890 of Panamericana Sur highway.

These lands have competitive agro-ecological conditions to develop export products such as grapes, artichokes, paprika, garlic, onion, etc).

The Award grants to the respective awardees the right to exercise the Option to Purchase another contiguous lot of similar extension, on condition to obtain water from Majes irrigation surpluses (valid for up to 03 years)

  - **Referential base price:** US\$ 4,000/ha
  - **Estimated investment:** US\$ 4 million.
  - **Current status:** The process is under coordination with the Regional Government of Arequipa.
- ☐ **Estimated award date :** IV QT 2013

# SANITATION PROJECTS PORTFOLIO



PROJECT	CURRENT STATUS	ESTIMATED INVESTMENT US\$ MILLION	PLANNED AWARD DATE
Water sanitation works for southern beach districts of lima	Called	100	III QT 2013
Chillón River water supply	To be called	45	2014
Main works and conduction of drinkable water supply for Lima	To be called	400	2014

# WATER SANITATION WORKS FOR SOUTHERN BEACH DISTRICTS OF LIMA



**CALLED**



**Location:** Santa María, San Bartolo, Punta Negra and Punta Hermosa districts of Lima province.

**Description:** Concession to design, finance, build, operate and maintain the systems. It includes: (i) desalination of sea water, (ii) water storage and distribution drinkable water, (iii) sewerage, and, (iv) treatment and final disposition of treated waste water.

- **Estimated investment:** US\$ 100 million
- **Type of concession:** Self-sustained

**Current status of the process:** The first contract version will be published at Proinversion's web site on March, 2013.

**Estimated award date:** III QT 2013.

# CHILLÓN RIVER WATER SUPPLY WORKS



## TO BE CALLED



**Location:** Lima province.

**Description:** Concession to design, finance, build, operate and maintain of dam works (40 million cubic meters approximately) of Chillón river basin.

- **Estimated investment :** US\$ 45 million
- **Type of concession:** Self- sustained
- **Concession term:** 20 to 30 years

**Current status:** The Preliminary studies are to be called in the I QT 2013.

**Estimated award date:** I QT 2014.



# MAIN WORKS AND CONDUCTION OF DRINKABLE WATER SUPPLY FOR LIMA



## TO BE CALLED



**Location:** Junín and Lima regions.

**Description:** The project comprises work for improving water supply for southern districts of Lima city. Concession to design, finance, build, operate and maintain of the following infrastructure:

- ✓ Extension capacity of Pomacocha and Huallacocha Bajo dams (approx. 100 million cubic meters ).
- ✓ Diversion works of Pomacocha – Río Blanco (approx. 10 km of trans Andean tunnel).
- ✓ Water purification plant Huachipa (5 m<sup>3</sup>/s), and
- ✓ Southern conduction line (approx. 25,6 km)
  - **Estimated Investment:** US\$ 400 million
  - **Type of concession:** Self -sustained
  - **Concession term:** 20 to 30 years

**Current Status:** Currently is under re-design.

**Estimated award date:** I QT 2014.





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