INFRASTRUCTURE PROJECTS IN PERU

January, 2020

Public and Private Initiative Projects
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SELF-SUSTAINED PROJECTS

ELECTRICITY

500 kv Piura Nueva- frontera substation transmission line
(USD 112 Millions)

The Comprehensive Peru-Ecuador Interconnection Project includes the construction of a 500 kW Transmission Line that will link the Chorrillos Substation in Ecuador with the La Niña Substation in Peru (The Line). The Line includes the construction of two new midway substations: Pasaje Substation in Ecuador and Piura Nueva Substation in Peru.

Status: the award is expected during the 1st semester of 2020.

138 Kv Puerto Maldonado-Iberia Transmission Line And 20/60/23 Kv Of 100 Mva Valle Del Chira Substation
(USD 24 Millions)

The purpose of the transmission line, of simple circuit and 160 km in length, is to supply electricity to the city of Iberia, as well as the population and industrial loads of the zone, with energy coming from the National Interconnected Electric Grid (SEIN, by its acronym in Spanish). As part of the project, the Puerto Maldonado substation must be expanded, to complete the connection cells of the existing transformer and to install the exit bay of the Puerto Maldonado-Iberia line. Likewise, the project aim to provide relatability to the energy provision in the department of Piura.

Status: the award is expected during the 1st semester of 2020.

220/60 Kv Chincha Nueva Substation And 220/60kv Nazca Nueva Substation
(USD 30 Millions)

This projects aim to provide relatability to the energy provision in the department of Ica.

Status: the award is expected during the 1st semester of 2020.
HYDROCARBONS

Wide-scale use of natural gas. Central and Southern Peru (USD 200 Millions)

The project comprises the design, financing, construction, operation and maintenance of the natural gas distribution pipeline networks in seven (7) regions of Peru’s Center and South, and their transfer to the Peruvian State at the end of the concession period.

Status: the award is expected during the 1st semester of 2020.

SANITATION

Improvement and expansion of the water supply service for population use in the city of Cajamarca (USD 71.50 Millions)

The Project consists on the design, finance, build, operate and maintain of: i) Enlargement of Pomacocha and Huallacocha Bajo dams (approx. 90 MCM), ii) Water intake and canals in Yauli river, iii) Pomacocha - Rio Blanco transfer works (approx. 10 km of trans-Andean tunnels), iv) Drinking water plant in Huachipa (5 m3/s) v) South branch conduction line (approx. 25.6 Km), vi) Complementary works (reservoirs and interconnection works).

Status:
Direct Award: 2nd semester of 2020
Competitive Bidding : 2nd semester of 2021

CO-FINANCED PROJECTS

RAILWAYS

Huancayo – Huancavelica Railway (USD 226,91 Millions)

The project consists on the rehabilitation and improvement of the Huancayo – Huancavelica railroad, it comprises he design, finance, works execution, acquisition of rolling stock materials, operation and maintenance.

Status: On September 2019, the seven version of the contract was published. The award is expected during the second semester of 2020.
Suggestions for the final version approved by the proinversion committee (January 2020)

REAL ESTATE

Operation and Maintenance of the Lima Convention Center (To be defined)

The project consists on the operation, exploitation, conservation and comprehensive maintenance of the Lima Convention Center.

Status: Estimated award date 1st semester 2020.
Ancón Industrial Park  
(USD 500 Millions)  
The project consists in the creation of a modern space destined to industrial enterprises of diverse scale in Metropolitan Lima, that operates under international standards.  
Status: The award is expected during the 1st semester of 2020.

**HEALTH**

New high complexity hospital in Lima  
(USD 254 Millions)  
The project consist in the design, construccion, equipment, operation and maintenance of complementary health services (“gray coats”) of a Highy Specialized Hospitals for the Social Security System of Peru (ESSALUD); one will be located in the department of Piura and the other in Ancash.  
Status: The award is expected during the 1st semester of 2020.

Solid Hospital waste management – Ministry of Health  
(USD 35.15 Millions)  
The project consist in the provide collection services, transportation, treatment and disposal of hospital solid waste from the health facilities of the MINSA in Lima Metropolitan (375 health facilities of which 352 are category I, 5 category II and 18 category III ). It includes the construction, operation and maintenance of facilities for the treatment of bio-contaminated and special solid waste.  
Status: 
Direct Award: 2nd semester of 2020.  
Competitive Bidding: 1st semester of 2020.

**ELECTRICITY**

138 Kv Puerto Maldonado - Iberia Transmission Line and 20/60/23 Kv of 100 MVA Valle del Chira Substation  
(USD 24 Millions)  
The purpose of the transmission line, of simple circuit and 160 km in length, is to supply electricity to the city of Iberia, as well as the population and industrial loads of the zone, with energy coming from the National Interconnected Electric Grid (SEIN, by its acronym in Spanish) . As part of the project, the Puerto Maldonado substation must be expanded, to complete the connection cells of the existing transformer and to install the exit bay of the Puerto Maldonado-Iberia line. Likewise, the project aim to provide relatability to the energy provision in the department of Piura.  
Status: The award is expected during the 1st semester of 2020.

220/60 Kv Chicha Nueva Substation and 220/60 KV Nazca Nueva Substation  
This projects aim to provide relatability to the energy provision in the department of Ica.  
Status: The award is expected during the 2nd semester of 2020.
PUBLIC INITIATIVE PROJECTS to be called by ProInversion

SANITATION AND WATER SYSTEM

Headwaters and pipeline works for Lima’s potable water supply (USD 720 Millions)

The project consists on the Design, financing, construction, operation and maintenance of the following new works: (i) Expansion of Pomacocha and Huallacocha Bajo reservoirs (to 90 MMC), (ii) Captchment channels (12 km), (iii) Trans-Andean tunnel (10 km), (iv) Huachipa II Water Treatment Plant (5m3/s), (v) Additional reservoirs (137,000 m3), (vi) South branch line (40 km) inc. 7 reservoirs, and (vii) Interconnecting Lines (90 km).

Includes the O&M of the following existing facilities: (i) Huachipa water up-take, (ii) Huachipa I Plant (5 m3 /s), and (iii) North branch line (27 km) incl. 4 reservoirs.

Status: the award is expected during the 1st semester of 2020.

Wastewater treatment plant and additional infrastructure for the city of Huaraz (USD 26.55 Millions)

The project comprises the design, financing, construction, operation and maintenance of the sanitary infrastructure. Furthermore, includes the construction of a new WWTP.

Status:

Direct Award: 1st semester 2021
Competitive Bidding : 2nd semester, 2021

Puerto Maldonado’s new wastewater treatment plant (USD 20.34 Millions)

The project will consist in the financing, construction, operation and maintenance of a wastewater installation in Puerto Maldonado.

Status: The award is expected during the 1st semester of 2021.
Wastewater treatment for final disposal or re-use, Trujillo province
(USD 130.14 Millions)

The project comprises the design, financing, construction, operation and maintenance of the sanitation infrastructure. It includes the construction of 3 WWTP for the districts of Huanchaco, El Porvenir, La Esperanza, Florencia de Mora, Moche, Victor Larco Herrera, Trujillo and Salaverry of the province of Trujillo, region of La Libertad.

Status:
Direct Award: 1st semester of 2021
Competitive Bidding: 2nd semester of 2021

New wastewater treatment plant for Huancayo, el Tambo and Chilca
(USD 90.25 Millions)

The project consist in the construction of a new treatment plant of 80,700 m3/h capacity, the installation of 4 stations for water pumping among other infrastructure.

Status:
Direct Award: 1st semester of 2021
Competitive Bidding: 1st semester of 2022

RAILWAYS

Longitudinal de la Sierra Highway Section IV
(USD 464 MILLION)

Providing for improvement and rehabilitation works (117 km), initial periodic maintenance (503 km) and maintenance and operation of approximately 970 km of the longitudinal siera highway, a major national road connecting 12 departments across the entire Andes.

Status: The award is expected during the 1st semester of 2021.

CO-FINANCED PROJECTS

REAL ESTATE

Operation and Maintenance of the Lima Convention Center
(TBD)

The project consists on the operation, exploitation, conservation and comprehensive maintenance of the Lima Convention Center.

Status: Estimated award date 1st semester 2020.
ROADS

Longitudinal de la Sierra Road - Section IV
(USD 2,988 Millions)

The project consists on the rehabilitation and upgrade works of 117 km of roads, the regular initial maintenance of 280 km of roads and the operation and continuous maintenance of 970 km of roads in order to conserve the highway at established levels of service.

Status: The new schedule will be published by ProInversion. The award is expected during the 1st semester of 2021.

HEALTH

Two new high complexity hospital (ESSALUD)
(USD 254 Millions)

The projects consist of the design, construction, equipment, operation and maintenance of supplementary services (gray coats) of Highly Specialized Hospitals for the Social Security System of Peru (ESSALUD); one will be located in the department of Piura and the other in Ancash

Status: The award is expected during the 1st semester of 2020.

Modernization of The Regional Utility Company, Electro Noroeste S.A.
(USD 104.69 Millions)

The project consists of a modernize the management of ELECTRONOROESTE S.A., through the acquisition of new shares in order to provide a better service to customers in its area of influence. ELECTRONOROESTE S.A. is the company in charge of the distribution and commercialization of electric energy within the area of its concessions, located in the regions of Piura and Tumbes. Attending more than 405,586 thousand clients.

Status: The award is expected during the 2nd semester of 2020.

220/60 KV Chicha nueva substation and 220/60 KV Nazca nueva substation

This projects aim to provide relatability to the energy provision in the department of Ica.

Status: The award is expected during the 2nd semester of 2020
PRIVATE INITIATIVE PROJECTS

SELF-SUSTAINED PROJECTS

The following are the projects that are currently under evaluation:

PORTS

New port terminal of San Juan de Marcona
(USD 540 Millions)

The project will consist of the design, Finance, build, operate and maintain and new port terminal of public use, providing specialize services of storage and load of concentrates of iron and copper, as well as the supplies of mining production.

Status:
Direct Award: 1st semester of 2020.
Competitive Bidding: 2nd semester of 2020.

SANITATION

Sanitation for North Lima- Wastewater Treatment Plant
(USD 153 millions)

The purpose of the project consists in the design, financing, construction, operation and maintenance of a wastewater treatment system for the population of north lima.

Status: the award is expected during the first semester of 2021

Sanitation for South Lima- Wastewater Treatment Plant
(USD 176 millions)

The purpose of the project consists in the design, financing, construction, operation and maintenance of a wastewater treatment system for the population of pachacamac and lurin.

Status: the award is expected during the first semester of 2021
Desalination Plant Project for North Lima
(USD 227 millions)

The purpose of the project consists in the design, construction, operation and maintenance of a 2m³/sec desalination plant in the north of Lima, to supply districts in the north of Lima (Ancon, Santa Rosa and Ventanilla).

Status: the award is expected during the first semester of 2022.

Desalination Plant Project for South Lima
(USD 202 millions)

The purpose of the project consists in design, construction, operation and maintenance of a 2m³/sec desalination plant in the south of Lima, to supply districts in the south of Lima (Surco, Chorrillos, Villa El Salvador and Villa María del Triunfo).

Status: the award is expected during the first semester of 2022.

CO-FINANCED PROJECTS

The following projects have been declared “of relevance and priority”, and according to the evaluation process, will be initiating the evaluation process in the National System of Public Investment (Sistema Nacional de Inversión Pública – SNIP) so the project can be declared viable.

ROADS

Peripheral Ring Road
(estimated USD 2,049 Millions)

The project comprises of the construction of a highway of approximately 33.2 km between Elmer Faucett Avenue, Canta Callao Avenue and Circunvalacion Avenue.

Status:
Direct Award: 1st semester of 2020.
Competitive Bidding: 2nd semester of 2020.

SANITATION

Integral water system of the Chancay-Lambayeque Valley
(USD 619 Millions)

The purpose of the project is the design, construction and operation of an integral water system in the Chancay-Lambayeque Valley, through the construction of two levees and the execution of the accessory conductions. Also, it considers the maintenance of the existence infrastructure.

Status: The award is expected during the 2022.
New Army Hospital  
(USD 115.5 Millions)  
The project consists of designing, building, maintaining, and operating the central military hospital, and crises due to the need for members of the army to have a state of the art hospital considering the most innovative topics in certifications such as a need 2009, leadership in energy and sustainable design.  

Status:  
Direct Award: 2nd semester of 2021.  
Competitive Bidding: 1st semester of 2022.

Huaycán Hospital  
(USD 119.6 Millions)  
The project is located in the Huaycán Hospital, which is located in Ate Vitarte District; Department and Province of Lima and consists on the construction, maintenance and management of the Huaycán New Hospital, as well as the operation of general and complementary services of laundry, cleaning and management of hospital residues.  

Status:  
Direct Award: 1st semester of 2021.  
Competitive Bidding: 2nd semester of 2021.

Design, construction, operation and maintenance of the National Hospital Hipólito Unanue.  
(USD 250.2 Millions)  
The project will include the design, construction, equipment, financing, maintenance and operation of the hospital to ensure the provision of the necessary services for the hospital function.  

Status:  
Direct Award: 1st semester of 2021.  
Competitive Bidding: 2nd semester of 2020.

Comprehensive Waste Management of Health Ministry (MINSA) Hospitals  
(USD 35.15 Millions)  
The purpose of the project consists on the construction, operation and maintenance of a treatment plant for hospital waste with the implementation of modern technology in order to manage all the wastes produced in hospitals and institutions of the Ministry of Health in Lima and Callao.  

Status: The award is expected during the 1st semester of 2020.

New Central Military Hospital  
(USD 115.5 Millions)  
The project will comprise the design, construction, operation and maintenance of the new central military hospital. The concession includes the performance and administration of general health services.  

Status: The award is expected during the 2nd semester of 2020.
Cusco schools infrastructure reinforcement, equipment and maintenance
(USD 18.88 Millions)

The project will include the construction, maintenance and operation of complementary services of 3 school.

Status:
Direct award: 1st semester of 2021.
Competitive Bidding: 2nd semester of 2021.

High-performance schools: COAR Center Region
(USD 58.74 Millions)

The project will consist of the construction, implementation, maintenance and operation of 4 high-performance schools (COAR) in the regions of Junín, Pasco, Huancavelica and Cusco.

Status:
Direct Award: 2nd semester of 2020.
Competitive Bidding: 2nd semester of 2020.

School facilities at risk: Lima Metropolitana
(USD 79.8 Millions)

The project will consist of concession for the construction, equipment, operation of complementary services and maintenance of infrastructure, furniture and equipment of 13 educational institutions.

Status:
Direct award: 2nd semester of 2020.
Competitive Bidding: 1st semester of 2021.

Construction, implementation, maintenance and operation of complementary services of the educational public centers located in Villa María del Triunfo
(USD 17 Millions)

The project is located in the Villa María del Triunfo district, Lima, and would consist on the construction, implementation, maintenance and operation of the complementary services in the Educational Public Centers of five schools at risk, which are located on Villa María del Triunfo.

Status:
Direct Award: 2nd semester of 2020.
Competitive Bidding: 1st semester of 2021.

Intervention of school considered at risk as identified by MINEDU located in the districts of Ate and San Juan de Lurigancho (Lima)
(USD 84.96 Millions)

The purpose of the project is the construction, equipment, operation of the complementary services and maintenance of the infrastructure, furniture, and equipment for educational institutions at risk in the districts of Ate and San Juan de Lurigancho in Lima.

Status:
Direct Award: 2nd semester of 2020.
Competitive Bidding: 1st semester of 2021.
Intervention of schools considered at risk as identified by MINEDU located in the districts of San Martín de Porres and Comas (Lima) (USD 60.84 Millions)

The purpose of the project is the construction, equipment, operation of the complementary services and maintenance of the infrastructure, furniture, and equipment for educational institutions at risk in the districts of San Martin and Comas in Lima.

Status:

Direct Award: 2nd semester of 2020.
Competitive Bidding: 1st semester of 2021.

TOURISM

Improvement of tourism services in Choquequirao Archeological Park. Apurimac and Cusco Regions (USD 221 Millions)

The purpose of the project is to grant the Concession for the design, financing, construction, equipment, operation and maintenance of tourist accessibility means to the Archaeological Park of Choquequirao; includes cable transport systems, road networks, and trekking routes.

Status: The award is expected during the 2nd semester of 2020.

Tourism project cable car Lima Historic Centre - San Cristobal Hill (USD 12.64 Millions)

The purpose of the project is to grant the Concession for the design, financing, construction, equipment, operation and maintenance of tourist accessibility means to the San Cristobal Hill, through cable transport.

Status:

Direct Award: 1st semester of 2020.
Competitive Bidding: 2nd semester of 2020.

IRRIGATION

Water consolidation system in the Chancay - Lambayeque Valley (USD 619 Millions)

The purpose of the project consists in the design, construction and operation of the integral water system in the Chancay-Lambayeque valley, through the construction of two dams (La Montería and Sicán) and the execution of conduction and distribution works to irrigate 33,200 new hectares.

Status: The award is expected during the 1st semester of 2020.
**ASSET PROJECT**

Creation of a communications network for integral connectivity and social development - of the localities of the Napo-Putumayo river basins, and of the Huallaga, Marañón and Amazonas river basins in the Yurimaguas - Iquitos stretch; and of the manseriche district, datem del Marañón province -, Loreto region (To be defined)

The project consists on the Increase access to internet service in the localities of the provinces of Alto Amazonas, Loreto, Maynas, Putumayo and the district of Manseriche in the province of Datem del Marañón in the region of Loreto. A total of 317 localities in the Loreto region will benefit directly. Projects propose broadband transport and access networks.

Status: Estimated award date 2nd semester of 2020.

Radio spectrum bands: (i) 1 750 – 1 780 MHz and 2 150 – 2 180 MHz; and (ii) 2 300 -2 330 MHz (To be defined)

The project consists on the expand nationwide the development of mobile broadband systems in the country, for technologies such as 4G, 5G, or higher. The AWS-3 and 2.3 GHz bands will offer better coverage characteristics and greater data capacity

Status: Estimated award date 2nd semester of 2020.

**MINING**

**Algarrobo mining project**
(USD 350 Millions)

The project will consist of the exploration, mining operation through an underground mine and processing a mineralized deposit located in the mining concessions Tambo Grande N° 4, Tambo Grande N° 5, Tambo Grande N° 9 and Tambo Grande N° 10, which form “El Algarrobo Project”.

Status: Estimated award date 1st semester of 2020.
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