





PIURA MASTER PLAN









WHY PARTICIPATE IN THE AUTORIDAD PARA LA **RECONSTRUCCIÓN CON CAMBIOS'S PROCUREMENT PROCESSES?**

PERU, A GOOD INVESTMENT **DESTINATION**

A SOUND FINANCIAL AND MONETARY SYSTEM

1. Peru's Gross Domestic Product (GDP) will grow 2.7% in 2022.

According to the Central Reserve Bank of Peru (BCRP), GDP was boosted by the construction, electricity and water, services and trade sectors. On the expenditure side, public investment increased by 7.1%.

2. A low fiscal deficit.

The BCRP reported that, in 2022, a fiscal deficit of 1.6% of GDP was reached, and forecasts that the fiscal deficit would remain below 2.0% of GDP in the coming years 2023 and 2024.

3. The second lowest inflation rate in Latin America.

Although inflation remains at high levels globally, as of February 2023, Peru had an inflation rate of 8.7%, the second lowest rate compared to its Latin American peers such as Chile, Colombia and Mexico, as reported by the BCRP. In April, the inflation rate dropped to 7.97%.

4. A reference interest rate of 7.75%.

In January 2023, the BCRP raised the benchmark interest rate to 7.75% as part of the normalisation of the monetary policy stance initiated in August 2021. This decision was in line with measures taken by countries in the region that are also affected by the significant increase in international energy and food prices, that started in the second half of 2021. From February to May 2023, the BCRP has maintained the benchmark interest rate at 7.75%, and reported that future adjustments will depend on new information on inflation and its determinants.













STABLE EXCHANGE RATE

The Peruvian Sol closes 2022 as one of the strongest currencies in Latin America.

According to Bloomberg's currency ranking, the Peruvian currency ranked a strong fourth position among its Latin American peers. This result was due to the efforts of the Central Reserve Bank of Peru (BCRP) to curb fluctuations in the dollar exchange rate, the trade balance surplus and increases in the benchmark interest rate during 2022. This stability has also been maintained during 2023.

LIMA STOCK EXCHANGE

BVL shows positive indicators.

The Lima Stock Exchange (BVL) closed the year 2022 with a return of 5.9%, the best performing sectors were electric, consumer and financials. According to the BVL, Peru was the third highest performer of rentability among emerging countries.

On 26 May 2023, the S&P/BVL index¹ Peru General reached 21,405.58 points with gains in the mining, consumer, construction, services and electricity sectors.

PERU'S INTERNATIONAL ECONOMIC POSITION

Peru has a BBB+ credit rating with a stable outlook.

Fitch Ratings maintained Peru's sovereign credit rating at BBB+ with a stable outlook for its local currency debt. Likewise, Standard & Poor's (S&P) maintained its rating at BBB+ with a positive outlook. Both international agencies highlighted that Peru has fiscal strength, a solid external sector and a stable growth trajectory.

Projection favourable economic indicators for Peru.

Economic projections by the International Monetary Fund (IMF) indicate that Peru would grow by 2.4% in 2023, with inflation close to the target range (3%) by the end of 2023.

It also forecasts that from 2024 to 2028, Peru's GDP will grow by 3%. The IMF highlighted that Peru has the lowest public debt in the region, high international reserves, a resilient financial sector and access to international capital markets that support the country's capacity to face new adverse shocks.

^{15&}amp;P/BVL Peru General has been designed to be the broad benchmark for the BVL. It is a free-float adjusted capitalisation-weighted index (minimum of S/ 33 million), which includes additional liquidity and trading frequency requirements for its constituents. Since the S&P/BVL alliance, the index portfolio has been composed of no less than 29 and no more than 41 stocks (https://www.bvl.com.pe/mercado/indices/indice-spbvl-peru-general).













AWARDS IN ECONOMIC AND BANKING MANAGEMENT

Peru has an independent central bank whose current chairman of directory, Mr. Julio Velarde, has held the position since 2006 and has won several awards such as Central Banker of the Americas 2022, Central Banker of the Americas 2020, and Central Banker of the Year worldwide in 2015, awarded by The Banker of the Financial Times publishing group.

PERU IN THE PROCESS OF JOINING THE OECD

Since 2022, Peru has been one of the most active partner countries, being one of the first countries to engage with the OECD (Organisation for Economic Co-operation and Development) through its OECD Country Programme, which was built around five key areas: economic growth; public governance, anti-corruption and transparency; human capital and productivity; and, environment.

In March 2023, the Peruvian Government announced the creation of a permanent Multisectoral Commission to monitor and supervise Peru's accession process to the OECD.

INFRASTRUCTURE INVESTMENT AS ONE OF PERU'S **MAIN OBJECTIVES**

The BCRP projects a 15.3% growth in public investment at the national government level by 2023, driven by the measures to accelerate and unlock public investment and the "Con Punche Peru" Plan.

According to the Peruvian Ministry of Economy and Finance (MEF), within the framework of the National Infrastructure Plan for the Competitiveness of Peru, there are 123 projects in different sectors that exceed 68,000 million dollars, i.e. 28% of the GDP in 2022. This amount of investment exceeds by 13% the amount executed in 2022, which will contribute to the economic recovery of the country.

In this way, Peru seeks to promote quality public investment, based on closing infrastructure gaps and strengthening project management, in addition to the provision of sustainable services over time for the benefit of citizens.













PIURA MASTER PLAN

WHAT ARE WE BIDDING FOR?















1. Intervention Area

The Piura River basin is made up of 29 districts in the provinces of Huancabamba, Morropón, Ayabaca, Piura and Sechura, with an extension of 363Km, from the summit of Cerro Paraton to the exit to the sea in the area of Reventazón (anthropogenic basin), the so-called anthropogenic basin has 100Km before reaching the sea.

The Piura River basin has 3 components of the integrated solution:











COMPONENT A

River defences, transverse dykes, breakwaters to channel the river and allow the water flow out to sea.



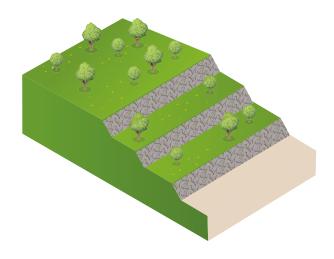
COMPONENT B

Barrages for the purpose of control water discharges into rivers and optionally assessing possible multi-purpose use.



COMPONENT C

Natural infrastructure, such as afforestation and reforestation in the upper reaches of watersheds to protect from runoff and restore natural habitats.













The Integral Plan for Flood Control and Mass Movement in the Piura River Basin, determined 129 interventions within its integral solution, which are located in the lower, middle and upper part of the basin, whose execution allows flood control in the Piura River and streams, as well as mass movement in order to prevent and mitigate the impact generated by heavy rains and floods.

The determinate interventions in the plan are divided as follows:

- 23 interventions that are part of the Rapid Action Plan, which will be developed by the various Executing Units and which are grouped into 12 investment projects.
- 90 interventions are part of the scope of the river flood control project, which are located in the lower, middle and upper reaches of the Piura River basin (Which will be the subject of this Procurement process).
- O4 interventions corresponding to Natural Infrastructure projects (Will be the subject of this Procurement process).
- O4 interventions in the Transport sector, to be carried out by the competent body.

On the other hand, the topographical and hydrological conditions that characterise the city of Piura place it in a high-risk scenario for floods of fluvial and pluvial origin. For this reason, the "Master Plan for Rainwater Drainage in the Districts of Piura, Castilla and Veintiséis de Octubre" determined various drainage systems to be implemented in 3 districts of the city of Piura, including structural and non-structural measures.

DRAINAGE COMPONENT

Infrastructure to drain rainwater and river overflows.













2. Object of the Procurement

It should be noted that the purpose of this Procurement is to hire a consultant to develop the pre-investment studies at profile level + RIBA3 of the Investment Projects (IP) of:

- Improvement and extension of the storm drainage service in the Piura, Castilla and Veintiséis de Octubre districts.
- "Improvement and extension of protection services on riverbanks vulnerable to flooding and erosion in the Piura River basin in the provinces of Huancabamba, Morropón, Ayabaca, Piura, Sechura - department of Piura".
- "Recovery of degraded forest ecosystems that provide natural risk regulation services in areas susceptible to the dangers of mass movements and flood generators in the upper basin of the Piura River, provinces of Huancabamba, Morropón Ayabaca department of Piura".

These studies and engineering designs should consider the technical approach made in the "Master Plan for Pluvial Drainage in the Districts of Piura, Castilla and Veintiséis de Octubre" and the "Integral Plan for Flood Control and Mass Movement in the Piura River Basin".

3. Type of contrac

Contract NEC3 PSC.

4. Package Details

A. Reach Riverine Defences + Dams:

Pre-investment level studies for the control of river flooding and mass movements will be formulated under an integrability concept and simultaneously under direction of a single project management, with the objective of reducing the risk to the population, livelihoods, and assets providing public services.

The following is a description of some of the studies that the consultant must develop in order to achieve the objective of obtaining as a product, viable investment project(s) (within the framework of Invierte.pe) + study at RIBA3 level that mitigate the risk of the population and assets providing public services in the Piura River basin:







²These referenced studies are not limitative and will be expanded and described in the definition of deliverables.







Estudios de Ingeniería a detalle:

- Topography,
- Climatological analysis,
- Hydrological study,
- Hydraulic analysis,
- Geological analysis.
- Hydrogeological,
- Geotechnics,
- Quarries,
- Risks.
- Environmental studies, among others.

Inventory of assets of the production unit under analysis, and the assets of other production units located in the study area:

- Hydrological-hydraulic modelling.
- Development of the minimum contents of a pre-investment study in the framework of Invierte.pe³.
- Presentation of the pre-investment study at profile level and/or investment programme.
- Development of the minimum contents of a study at RIBA3 level.
- Presentation of the study at RIBA3 level.

The development of the consultancy will involve a minimum of 4 deliverables, which must be worked in coordination with ARCC professionals. It is important to mention that the consultant must ensure the quality and timeliness of the delivery of information in each of the deliverables.

B. Natural Infrastructure:

It includes the formulation of pre-investment studies at the investment profile level (Invierte Pe.) + RIBA engineering design of the necessary investment projects, which will be formulated on the basis of the project ideas prioritised as a result of the "Integrated Flood and Mass Movement Control Plan in the Piura River Basin", which correspond to a proposal for a comprehensive solution to reduce the risk of river and rain flooding and mass movements.







³ Invierte.pe is the National System of Multiannual Programming and Investment Management, created with the aim of providing greater agility through simpler processes, whose governing body is the General Directorate of Public Investment of the Ministry of Economy and Finance $(https://www.mef.gob.pe/es/?option=com_content\&language=es-ES\<emid=100272\&lang=es-ES\&view=article\&id=875)\ .$







The deadline for the formulation of the pre-investment studies at profile level + RIBA3 for the natural infrastructure component will be approximately 9 months. The intervention area covers an area of approximately 10,000 hectares, according to the goals set out in the Master Plan.

Pre-investment level studies for fluvial flood control and mass movements will be formulated under an integrability concept and simultaneously under a single project management, with the objective to reduce the risk to the population, livelihoods, and public and private assets and services. During this stage, a review of existing information and gap analysis will be carried out, as well as the identification of possible areas of intervention.

The following is a description of some of the studies that the Consultant must develop in order to achieve the objective of obtaining a viable investment project (within the framework of Invierte.pe) + study at RIBA 3 level to mitigate the risk to the population and public and private assets and services in the Piura River basin:

- Detailed basic engineering studies: Topography, climatological analysis, hydrological study, hydraulic analysis, qeological analysis, hydrogeological, qeotechnical, quarries, risks, environmental studies, among others.
- Inventory of assets of the production unit under analysis, and the assets of other production units located in the study area.
- Hydrological-hydraulic modelling.
- Development of the minimum contents of a pre-investment study in the framework of Invierte.pe (Annex N°7: Minimum contents of the pre-investment study at profile level for investment projects).
- Presentation of the pre-investment study at profile level and/or investment programme.

The development of the consultancy (pre-investment + up to RIBA3) will involve 16 deliverables, which must be worked in coordination with ARCC professionals. It is important to mention that the Consultant must ensure the quality and timeliness of the delivery of information in each of the deliverables.

The natural Infrastructure projects (IN-GRD) for flood and mass movement disaster risk reduction and prevention comprise a collection of cost-efficient, resilient, sustainable, complementary and synergistic interventions of:







⁴These referenced studies are not limitative and will be expanded and described in the definition of deliverables.

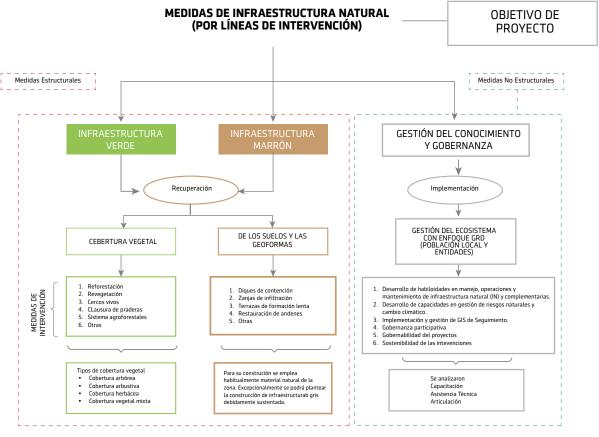






- 1) Green infrastructure (tree, shrub, herbaceous revegetation or combination of these).
- Brown infrastructure (soil conservation interventions, stabilisation of hillsides or slopes with local material); complemented by;
- Knowledge management and governance (development of skills in management, operation and maintenance of natural and complementary infrastructure; capacity building in natural risk management and climate change; participatory governance; project governance; implementation and management of a geographic information system for investment monitoring and implementation of proposals for project sustainability strategies), aimed at the prevention and reduction of mass movement and flood hazards (hazard generating areas).

Lines of intervention for Natural Infrastructure Projects



Source: ARCC-DSI











C. Scope Drainage:

It includes the preparation of the pre-investment study at profile level + RIBA3 of the Investment Project (IP) for the improvement and extension of the storm drainage service in the districts of Piura, Castilla and Veintiséis de Octubre, which will be formulated considering the technical proposal made in the "Master Plan for Storm Drainage in the Districts of Piura, Castilla and Veintiséis de Octubre", which corresponds to a proposal for an integral solution to reduce the risk of storm flooding.

The total period for the preparation of the pre-investment studies at profile level + RIBA 3 in the case of drainage will be 450 calendar days (15 months), which is subdivided into twelve (12) months for the profile and six (6) months for Riba 3.

It should be noted that Riba 3 will be carried out as a parallel process to the formulation of the pre-investment study, considerating the Riba 3 should start in month nine (9) of the consultancy.

The pre-investment level study for the control of pluvial floods in the city of Piura will be formulated under a concept of integrability and simultaneously under a single project management, with the objective of reducing the risk of damage to the population, livelihoods, and public assets and services. In parallel, the definitive studies will be carried out up to RIBA3 level considering their complementarity with the pre-investment study.

The development of the service will involve 05 deliverables for the pre-investment study and 01 deliverable for the Riba 3 phase, which should be worked in coordination with the ARCC professionals. It is important to mention that the Consultant must ensure the quality and timeliness of the delivery of the information in each of the deliverables.

The following is a description of some of the studies⁵ that the consultant must carry out in order to achieve the objective of obtaining viable investment project(s) (within the framework of Invierte.pe) + studies at RIBA3 level, which mitigate the risk of damage to the population and to public and private assets and services in the area of drainage in the city of Piura:







⁵ These referenced studies are not limitative and will be expanded and described in the definition of deliverables







For the pre-investment study.

- Detailed basic engineering studies: Topographical, climatological analysis, hydrological study, hydraulic analysis, geological analysis, hydrogeological, geotechnical, guarries, legal physical cleaning of the floodable area, risk study, among others. These will be presented in at least two stages, preliminary and final.
- Inventory of assets of the production unit under analysis, and the assets of other production units located in the study area.
- Collection of secondary information and non-duplication of projects.
- Hydrological-hydraulic modelling.
- Structural hydraulic design.
- Archaeological and environmental diagnostic studies.
- Costing, budgeting and scheduling of works.

For the study at Riba 3 level.

- Property report, release of areas and interferences.
- Final archaeological survey.
- Prepared by IGAPRO.
- Plan to promote good neighbourliness and public relations.

With regard to key personnel for the various types of projects, the winning consultant must have sufficient professional staff with proven international experience and extensive knowledge, having participated directly in the preparation of studies or technical files or equivalent documents on projects in a speciality related to the tendered project. It is important to mention that the proposed personnel of foreign origin must have their professional qualifications validated in accordance with Peruvian regulations.















WHAT ARE THE STAGES OF THE **PROCUREMENT PROCESS?**

The Procurement process will have a Roadshow event on 22 June 2023, after which the next 3 stages of the process will begin:

Mandatory Undertaking (MU) **Prequalification** (PQQ)

Invitation to Tender (ITT)

At the end of these three (03) stages of the Procurement process, the award of the package and the execution of the contract will take place.

















WHAT IS THE TIMETABLE FOR THESE **PROCUREMENT PROCESSES?**

Activity	Day / week
Roadshow Event	22 June 2023
Launch of the MU stage	26 June 2023
Submission of MU	14 July 2023
Launch of the PQQ stage	Week of 24 July 2023
Submission of PQQ	Week of 18 August 2023
Launch of the ITT phase	Week of 04 September 2023
Submission of tenders	Week of 13 October 2023
Estimated date of contract execution	Week of 17 November 2023















LINKS OF INTEREST



[2] It is not a requirement to participate in the Procurement process as a consortium. However, for those consulting firms interested in looking for a partner to form a consortium, they can leave their contact details and contact other firms through following link (ARCC Consortium Formation https://www.rcc.gob.pe/2020/main-home/contrataciones/q2q-acuerdos/formacion-consorcios/).

Further information on this Procurement process can be found after the Roadshow event on the following website (ARCC - ROADSHOWS https://www.rcc.gob.pe/2020/roadshows/).

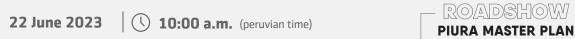
🥝 For general enquiries, you can send your questions to the following e-mail addresses: 1) david.kenna@acqconsulting.com or 2) procurag2g@rcc.gob.pe.



⁶Operational link 19 June 2023.

⁷Operational link 19 June 2023.











SOURCES ON ECONOMIC ASPECTS

GDP / INFLATION / PERU'S FISCAL DEFICIT

MEF - Multiannual Macroeconomic Framework 2023-2026. https://www.mef.gob.pe/contenidos/pol_econ/marco_macro/MMM_2023_2026.pdf.

MEF - Informe de Reporte de Inflación BCRP March 2023.

https://www.bcrp.gob.pe/docs/Publicaciones/Reporte-Inflacion/2023/marzo/report e-de-inflacion-marzo-2023.pdf.

BCRP Monetary Programme January 2023.

https://www.bcrp.gob.pe/docs/Transparencia/Notas-Informativas/2023/nota-infor mativa-2023-01-12-1.pdf.

BCRP Monetary Programme May 2023.

https://www.bcrp.gob.pe/docs/Transparencia/Notas-Informativas/2023/nota-infor mativa-2023-05-11.pdf.

February inflation in LatAm (16.03.2023).

https://www.bloomberglinea.com/2023/03/16/inflacion-de-febrero-en-latam-vene zuela-y-argentina-entre-las-3-peores-del-mundo/.

Peru's Economic Outlook (05.2023).

https://www.bcrp.gob.pe/docs/Publicaciones/presentaciones/2023/velarde-2023-0 5-23.pdf.













TYPE OF CHANGE

Peruvian sol closes 2022 as one of the strongest currencies in the region (31.12.2022). https://www.infobae.com/america/peru/2022/12/31/sol-peruano-cierra-el-2022-co mo-una-de-las-monedas-mas-fuertes-de-la-region-a-que-se-debe/.

Dollar today: Peruvian sol and Brazilian real among best performing currencies at the close (16.12.2022).

https://www.bloomberglinea.com/2022/12/17/dolar-hoy-sol-peruano-y-real-brasilen o-entre-divisas-de-mejor-desempeno-al-cierre/.

Dollar to soles: Peru's sol is LatAm's second strongest currency in November (24.11.2022).

https://www.bloomberglinea.com/2022/11/24/dolar-a-soles-sol-de-peru-es-la-sequ nda-divisa-mas-fuerte-de-latam-en-noviembre/.

Peru's trade balance recorded a surplus of US\$ 9,565 million in 2022.

https://revistaganamas.com.pe/balanza-comercial-de-peru-registro-un-superavit-de-u s-9565-millones-el-2022/.

LIMA STOCK EXCHANGE

Lima Stock Exchange - BVL. https://www.bvl.com.pe/.

LSE recovered losses and closed 2022 with 5.9% return.

https://www.bvl.com.pe/noticias-bvl/bvl-remonto-perdidas-y-cerro-el-2022-con-rendi miento-de-59.

BVL closes with gains as investors' appetite for risky assets increases (28.03.2023). https://gestion.pe/economia/mercados/bvl-cierra-con-ganancias-ante-mayor-apetitode-inversores-por-activos-de-riesgo-noticia/.

LSE closes lower amid reduced risk aversion (26.05.2023).

https://qestion.pe/economia/mercados/bvl-cierra-a-la-baja-en-medio-de-una-menoraversion-a-los-activos-de-riesgo-noticia/.











PERÚ A NIVEL INTERNACIONAL

Against all odds, Peru maintained its investment grade rating (28.03.2023). https://alertaeconomica.com/contra-todo-pronostico-peru-mantuvo-calificacion-de-grado -de-inversion/Mantienen investment grade from Peru (28.03.2023).

Peru's investment grade is maintained.

https://www.elperuano.pe/noticia/208668-mantienen-grado-de-inversion-del-peru.

Confidence in Peru (30.04.2023).

https://elperuano.pe/noticia/211448-confianza-en-el-peru.

IMF estimates.

https://www.imf.org/es/News/Articles/2023/03/24/pr2391-imf-executive-board-conclu des-2023-article-iv-consultation-with-peru.

https://larepublica.pe/economia/2023/03/28/fmi-economia-peruana-crecera-en-3-hasta -el-2028-2052120.

https://elperuano.pe/noticia/208748-fmi-resalta-potencial-de-crecimiento-del-peru.

BBC NEWS WORLD: 3 reasons why Peru's economy continues to grow despite constant political crises in the country (22.11.2022).

https://www.bbc.com/mundo/noticias-america-latina-63630153.

Peru has been invited to join the OECD (25.01.2022).

https://www.oecd.org/latin-america/paises/peru/.

Government declares Peru's accession process to the OECD to be of national interest. https://qestion.pe/economia/ocde-qobierno-declara-interes-nacional-el-proceso-de-adhes ion-del-peru-a-la-organizacion-para-la-cooperacion-y-el-desarrollo-economicos-noticia/

INFRASTRUCTURE INVESTMENT

Infrastructure and progress (12.03.2023).

https://www.elperuano.pe/noticia/207507-infraestructura-y-progreso.





