



## REQUEST FOR PROPOSAL FOR

# PROVISION OF CONSULTANCY SERVICES FOR FEASIBILITY STUDY FOR THE TAZAMA GAS PIPELINE

**TENDER NUMBER: TPL-301-1125-GP-001**

Date: 14TH NOVEMBER 2025

### 1.0 - BACKGROUND

Tanzania has proven to have natural gas reserves of 57 trillion cubic feet, with at least 47 trillion cubic feet of those reserves far offshore in the Indian Ocean. The country accounts for 0.05% of global production, with the world's other largest producers being the US, Russia and Iran. Natural gas plays a pivotal role in the global energy transition, serving as a transition fuel towards decarbonization. As countries navigate the shift from fossil fuels to renewable energy sources, natural gas provides a lower-carbon alternative, aiding in reducing emissions and delivering reliable energy given the fluctuating availability of wind and solar power. Its versatility and abundance make it a key component in the evolving energy mix.

Following this huge discovery of commercial quantities of natural gas in Tanzania and considering a need for Zambia to access natural gas for the markets, on 25th October 2023, the Government of the United Republic of Tanzania and the Government of the Republic of Zambia entered into a Memorandum of Understanding (MoU) for cooperation in the development of the Natural Gas Transmission Pipeline Project from Tanzania to Zambia. The Project will enable delivery of natural gas to the potential markets in Zambia for industrial heating processes, power generation, institutions, household, fuel for vehicles and petrochemical industries.

This Project can be carried out under Public Private Partnership (PPP) to cover eligible payment under the contract for provision of consultancy services to undertake a detailed feasibility study for the development of a Natural Gas Transmission Pipeline from Tanzania to Zambia.

In view of the above, TAZAMA PIPELINES LIMITED shall be referred as CLIENT on behalf of the Government of United Republic of Tanzania and Government of Republic of the Republic of Zambia (Shareholders) is therefore inviting eligible and reputable Consulting firms to conduct the Project's Feasibility Study.

### 2.0 OBJECTIVES OF THE STUDY

The main objective of the study is to carry out a detailed feasibility study for the Project. The assignment will include, but not be limited to natural gas market analysis, technical, economic, social, risks assessment, price analysis and baseline environmental studies of the Project both in Tanzania and Zambia.

The project particularly aims to increase economic growth that can contribute to the development of the country. Another benefit would be indirect employment to local community members, through a multiplier effect from the downstream activities, such as local entrepreneur, which include mini market, kiosk, pharmacy, restaurant, etc. that inevitably lead to improvement in the living conditions of local population in the project area.

### 3.0 - SCOPE OF THE STUDY

The scope of these studies will comprise a general background analysis and the following:

- I. Undertake market survey to establish the current and future natural gas demand by identifying all potential customers covering all-natural gas market segments including power generation, industries, institutions, households, vehicles and petrochemical industries. The study should consider forecast category-wise probable gas demand of that region up to 2050.

- II. Assess, analyze and propose available options of natural gas transmission pipeline routes from Dar es salaam using TAZAMA wayleave covering cost benefit analysis of using this option than any other route and optimal project risk re-allocation;
- III. Assess and propose tapping point (starting point) from the existing natural gas supply infrastructure from Tanzania to Chinsali in Zambia;
- IV. Assess and propose takeoff point(s) along the proposed pipeline, to potential areas and customers;
- V. Determine the optimum transmission pipeline capacity requirement, pipeline size, materials, construction methods and other design parameters required for the construction of a high-pressure natural gas transmission pipeline according to International, Tanzania and Zambia Standards;
- VI. Study Natural Gas transportation tariff methodology options and propose best tariff rates for the project;
- VII. Determine natural gas throughput and the utilization capacity from the existing infrastructures including pipelines, processing plants, natural gas wells and also technical parameters for and gas properties and off-take pressures;
- VIII. Map and conduct stakeholders' analysis including meeting with representatives from government, regional bodies, civil society organizations, development partners and potential customers. The analysis must indicate among other things, the ability and willingness of the potential customers to change and use natural gas;
- IX. Prepare project CAPEX and OPEX for construction of natural gas transmission pipeline from Tanzania to Chinsali in Zambia.
- X. Conduct technical, financial and economic analysis of the Project and its viability;
- XI. Conduct an analysis on the potential price of the natural gas that shall be transmitted by the Project pipeline, in comparison to the worldwide prices of natural gas.
- XII. Conduct an analysis on the financing options of the Project and recommend the optimal option;
- XIII. Conduct a preliminary Environmental, Security and Social Impact Study for the project;
- XIV. Review existing natural gas supply infrastructure and available natural gas reserves to ascertain whether they are sufficient to meet the demand for the proposed Project;
- XV. Assess and propose a suitable Project structure in relation to projects of similar nature implemented in other jurisdictions;
- XVI. Develop a Project implementation schedule;
- XVII. Undertake a Project risk analysis and propose the mitigation measures to each of identified risks.

### 4.0 - LEGAL FRAMEWORK

In carrying out the assignment the consultant shall be required to take into account the existing literature and permits from State Entities related to the natural gas including natural gas policy, Legal and Regulatory Framework and plans e.g., Natural Gas Utilization Master Plan (NGUMP), Domestic Natural Gas Promotion Plan (DNGPP), TAZAMA Pipeline Convention, Draft Regional Natural Gas Master Plan, NEMC and ZEMA environmental Councils and Land commissions.

## 5.0 QUALIFICATION CRITERIA

**Prequalification:** The interested Bidder shall submit legal documents including but not limited to Registration/Incorporation documents/ certificates, Business License, VAT Certificate, TIN Certificate, notarized/ registered Power of Attorney, appointing authorized representatives, Tax clearance Certificate, and Company Professional Practicing certificates/licenses from professional registration bodies/authorities and other related registration certificates and Bid Security).. Kindly note that foreign firms wishing to participate in this tender shall have three-way Joint Venture (Consortium) partnership with a Local Firm in Zambia and Tanzania. The above forms the Prequalification Criteria. Please note that the Prequalification Criteria in the RFP supersedes above

**Experience and Technical capability:** The firm should indicate experience of undertaking at least two works of similar nature. The firm that has performed similar task(s) in a similar environment (Africa) will be an added advantage. Similar nature assignment shall include the Natural Gas Transmission Infrastructures or oil pipeline Infrastructures.

**Local Content Requirements:** During the bidding process, the interested firm shall submit a confirmed commitment with the JVs, Association, subcontractors and confirmed companies that they have agreed to work together with in accordance local content requirements as per the local content laws and regulations of both states. The bidder shall provide matrix of responsibility amongst the JVs, Association, Subcontractors and confirmed companies.

Based on the proposed minimum technical design parameters, the Developer is required to prepare technical design that will be the basis for an EPC tender. The proposal should consider the new pipeline to transport gasoil and the upgrade of the existing TAZAMA pipeline to transport gasoline.

**Environmental Implications:** A description is required of the potential environmental impact of the pipeline and the environmental protection measures to be applied. Upon the award of the project, project developer will be required to carry out Environmental and Social Impact Assessment (ESIA).

**Minimum Commercial Requirements:** Based on the initial demand projection, the Developer shall be required to make cash flow projections and carry out financial economic analysis of the project to establish its viability and make sensitive analysis regarding factors like the projected volume, delays in completing the project and cost overrun in implementing the project. Based on the proposed minimum technical design parameters, the Firm is required to prepare technical design that will be the basis for an EPC tender. The proposal should consider the new pipeline to transport natural gas.

## 6.0 – PARTICIPATION

The interested local firms in Zambia and Tanzania shall submit during bidding process legal documents including but not limited to Registration/Incorporation documents/ certificates, Business License, VAT Certificate, TIN Certificate, notarized/ registered Power of Attorney, appointing authorized representatives, Tax clearance Certificate, and Company Professional Practicing certificates/licenses from professional registration bodies/authorities and other related registration certificates and Bid Security).. Kindly note that foreign firms wishing to participate in this tender shall have three-way Joint Venture (Consortium) partnership with a Local Firm in Zambia and Tanzania. The above forms the Prequalification Criteria/ Please note that the Prequalification Criteria in the RFP supersedes above

Interested Local Bidders in Zambia and Tanzania (including those intending to partner with Foreign Companies as Joint Venture) may obtain Request for Proposal from the Acting Manager – Procurement and Supplies (via email) after presentation of Proof of Payment of non-refundable fee of **USD 5,000.00 (Five Thousand United States Dollars)** into the accounts below and obtaining Official Receipt from Cashiers based at TAZAMA Head Office, TAZAMA House, Moffat Road, Ndola (in Zambia) and Regional Office, Kigamboni, Dar-es-Salaam (in Tanzania).

### ZAMBIA

|                 |                          |            |          |
|-----------------|--------------------------|------------|----------|
| Account Name:   | TAZAMA Pipelines Limited | SWIFT:     | SBICZMLX |
| Account Number: | 9130000198939            | Branch:    | Ndola    |
| Bank Name:      | STANBIC BANK             | SORT code: | 040103   |

### TANZANIA

|                 |                          |        |          |
|-----------------|--------------------------|--------|----------|
| Account Name:   | TAZAMA Pipelines Limited | SWIFT: | CITITZTZ |
| Account Number: | 1003227023               |        |          |
| Bank Name:      | CITIBANK (T) LTD         |        |          |

## 7.0 - SUBMISSION

Proposals in one physical original plus four copies shall properly be prepared, and enclosed in sealed envelopes and must be delivered to the TAZAMA Head Offices, Moffat Road in Ndola, Zambia including soft copy of the documents on external storage device in each envelope. Proposals must be accompanied with Bid Security of **USD 10,000.00 (Ten Thousand United States Dollars)** in a format attached on Request for Proposal (RFP) Document.

Proposals in one physical original plus four copies shall properly be prepared, and enclosed in sealed envelopes and must be delivered to the TAZAMA Head Offices, Moffat Road in Ndola, Zambia including soft copy of the documents on external storage device in each envelope. The outer cover shall be clearly marked: -

### "PROVISION OF CONSULTANCY SERVICES FOR FEASIBILITY STUDY FOR THE TAZAMA GAS PIPELINE"

The Proposals should be addressed to:

**THE MANAGING DIRECTOR  
TAZAMA PIPELINES LIMITED  
PLOT 4487 MOFFAT ROAD  
P.O. Box 71651  
NDOLA, ZAMBIA.**

The deadline for the submission of bids is **Monday 15<sup>th</sup> December 2025** at 10:00 Zambian Time / 11:00 Tanzanian Time. The bids will be opened immediately thereafter at the TAZAMA Head Offices at TAZAMA House in Ndola in the Board Room located on the 5th Floor.

Late submissions of proposals, incomplete proposals, electronic submission of proposals, and proposals not received, not opened and not read out in public at the proposal opening ceremony shall not be accepted for evaluation irrespective of the circumstances.

**TAZAMA reserves the right to accept, reject bids or cancel the Bidding Process at any time without liability or recourse to the bidders.**