Government of the People's Republic of Bangladesh Prime Minister's Office Bangladesh Economic Zones Authority (BEZA) "Support to Capacity Building of Bangladesh Economic Zones Authority" Project BDBL Bhaban (Level-15), 12 Karwan Bazar, Dhaka1215

Memo No: 03.761.05.00.03.115.2017-3141

Date: 19/07/2017

Request for Expression of Interest (REOI) for Selection of Transaction Advisory Services Firm for the Centralized Effluent Treatment Plant (CETP) at Mirsarai EZ

| 1 | Ministry/Division | Prime Minister's Office |
|----|---|--|
| 2 | Agency | Bangladesh Economic Zones Authority |
| 3 | Procuring Entity | Project Director, Support to Capacity Building of Bangladesh Economic Zones Authority Project |
| 5 | Procuring Entity | Dhaka |
| | District | |
| 6 | Expression of Interest | Selection of Transaction Advisory Services Firm for the Centralized Effluent Treatment Plant (CETP) at Mirsarai EZ (Lump-sum Contract) |
| 7 | EOI Ref. No. | 03.761.05.00.03.115.2017- |
| 8 | Date | 19.07.2017 |
| 9 | Procurement method | Quality and Cost Based Selection (QCBS) |
| 10 | Budget and Sources of Funds | Development budget (IDA Credit No. 5769-BD) |
| 11 | Development partner | IDA |
| 12 | Project Code | 5-0305-5011 |
| 13 | Project Name | Support to Capacity Building of Bangladesh Economic Zones Authority Project. |
| 14 | Closing Date & Time | 17 August 2017 at 4-00 PM |
| 15 | Qualification and Experience of the Firm | The Government of the People's Republic of Bangladesh (GOB) has received an additional finance as loan from IDA for "Support to Capacity Building of Bangladesh Economic Zones Authority" project and it is intended to apply part of the proceeds of the loan to appoint a Transaction Advisory Services Firm for the Centralized Effluent Treatment Plant (CETP) at Mirsarai EZ. |
| | | The Transaction Advisory Services Firm should have the following experiences: Must have extensive experience in the preparation of business cases and as transaction advisor for infrastructure facilities. Must have experience in the development of at least three (3) business cases for industrial wastewater treatment facilities in the past ten (10) years, preferably in an economic zone Must have extensive experience in transacting infrastructure facilities internationally. Additional merit will be given to firms with transaction experience in Bangladesh and/or South and South East Asia. Must have experience as transaction advisor for at least ten (10) infrastructure projects and at least one (1) wastewater facility internationally in the past ten (10) years. The firm must exhibit experience in providing commercial/financial and legal advice for infrastructure projects in its project references. The Consultants must have experience in preparing reports to a standard acceptable to national and international financing institutions and be fluent in written and spoken English. |
| | | |

| Image: Consultance may associate to enhance their qualifications, but should mention whether the association is in the form of a "joint-venture" or of "sub-consultancy". All members of such association should have real and well-defined inputs to the assignment and it is preferable to limit the total number of firms/instituties in the association to three. 16 Basis of EOI Review: The basis of review of EOIs are the following, but not limited to: Age of the firm in terms of year of registration/incorporation; Experience in providing commercial/financial and legal advice for infrastructure facilities; 17 Major elements of the Assignment will have two major components: Component 1 - Preparation of the business case and recommend a suitable contract structure: 18 Experience in similar conditions; 19 Major elements of the Assignment will have two major components: Component 1 - Preparation of the business case and recommend a suitable contract structure: 18 Expected team Component 2 - Preparation of bid documents, carry out market sounding and transact the CETP and fresh water supply until commercial and financial close. 19 Package No. Location Indicative Start 20 Name of Official Inviting S. M. Nurul Alam Project Summer and Legal expert; (b) National: Deputy Team Leader / water & water water infrastructure expert, Fresh water transment expert, Environmental expert, and Legal expert; (b) National: Deputy Team Leader / water & water water infrastructure expert, Project finance expert, and Legal expert; (b) National: Deputy Team Leader / water & water water infrastr | - 1 | | i — | | | | |
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| and international financing institutions; Availability of appropriate staff; experience in similar conditions; 17 Major elements of the Assignment The assignment will have two major components: Component 1 - Preparation of the business case and recommend a suitable contract structure: • Technical Feasibility Assessment; • Environmental Assessment; • Financial Analysis; • Legal and Regulatory Analysis; and Component 2 - Preparation of bid documents, carry out market sounding and transact the CETP and fresh water supply until commercial and financial close. • Any other relevant assignment. 18 Expected team (a) International: Team Leader/Procurement transaction expert, Waste water / effluent treatment process expert, Project finance expert, and Legal expert; (b) National: Deputy Team Leader / water & wastewater infrastructure expert, Fresh water treatment expert, Environmental expert, and Legal expert. 19 Package No. Location Indicative Completion Date 20 Name of Official Inviting Expressions of Interest S. M. Nurul Alam Project Director (Joint Secretary) 21 Address of Official Inviting Expressions of Interest Support to Capacity Building of Bangladesh Economic Zones Authority Project. 22 Contact Det | 16 | Basis of EOI Review: | men of "s real limit The • Ag • Ex advi • Ex infra | mention whether the association is in the form of a "joint-venture" or of "sub-consultancy". All members of such association should have real and well-defined inputs to the assignment and it is preferable to limit the total number of firms/institutes in the association to three. The basis of review of EOIs are the following, but not limited to: Age of the firm in terms of year of registration/ incorporation; Experience in preparation of business cases and as transaction advisor for infrastructure facilities; Experience in providing commercial/financial and legal advice for | | | |
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Bangladesh Economic Zones Authority

Support to Capacity Building of Bangladesh Economic Zones Authority Project PSDSP Additional Finance

TERMS OF REFERENCE FOR TRANSACTION ADVISORY SERVICES FIRM for THE CENTRALIZED EFFLUENT TREATMENT PLANT (CETP) AT MIRSARAI EZ

1. Project at a Glance

| Project Title | Business Case and Transaction implementation for the Centralized Effluent Treatment Plant (CETP) for the Mirsarai-2A Economic Zone |
|-----------------------------------|---|
| Location | Mirsarai Upazila, Chittagong District, Bangladesh |
| Objective of the Assignment | The objective of the consultancy is to (i) prepare a business case for the design, financing, construction, (and potentially operation and maintenance) of a centralized effluent treatment plant (CETP) for the Mirsarai-2A Economic Zone and (ii) subsequently support the tender and award of the Project on behalf of the Bangladesh Economic Zones Authority (BEZA), which will act as its government contracting agency (GCA). |
| | The business case will explore various CETP procurement and structuring options, taking into consideration technology, size / phasing and alternative project structuring arrangements between developer, BEZA and CETP operator including PPP and DBFM structures, with the goal of achieving the best value-for-money for BEZA. To ensure bankability, the proposed structure will also be subjected to market sounding/testing as part of determining the financial feasibility of the Project. Furthermore, during the business case assessment phase, it will (i) explore and market sensitize CETP opportunities, options, and technologies, (ii) identify, assess and evaluate CETP experiences in Bangladesh and similar industrial zones across the world, and (iii) assess regulatory requirements, gaps and key issues including recommendations how to address these. |
| | Options to include Mirsarai-1 and Mirsarai-2B in the same CETP will also be considered. In addition, the feasibility of enlarging the scope of the business case by including water supply and effluent/sewerage collection network and wastewater re-use will be assessed as well. |
| | Once the proposed structure and business case for the Project is approved by the GCA in consultation with relevant government agencies, depending on the procurement option to be pursued, the Consultant will be expected to: (1) produce the draft concession agreement accompanied by a term sheet; (2) prepare the bid/tender documents and provide Consultancy support to the GCA during the bidding process until financial close, should competitive tender be pursued by the GCA; and/or (3) provide support in the negotiation of the concession agreement, should negotiated procurement be pursued. |
| Contract | 12 months |
| duration | (3 months for drafting and finalizing of the business case and proposed |
| | structure; 9 months for transaction phase until financial close) |
| Consultant | Firm |
| category | |

| Procurement | Quality and Cost Based Selection (QCBS) | |
|-------------|---|-----------------------|
| Method | | |
| Source of | World bank loan no. 5769-BD administered by BEZA | |
| funding | | |
| Consultancy | International | Time in person months |
| inputs | | _ |
| KI-1 | Team leader / procurement transaction expert | 5.0 |
| KI-2 | Waste water / effluent treatment process expert | 3.0 |
| KI-3 | Project finance expert | 3.0 |
| KI-4 | Legal expert | 1.0 |
| | National | |
| KN-1 | Deputy team leader / wastewater infrastructure expert | 9.0 |
| KN-2 | Fresh water treatment expert | 3.0 |
| KN-3 | Environmental expert | 2.0 |
| KN-4 | Legal expert | 3.0 |
| | Total | 29.0 |

2. Background

The Mirsarai phase 2 economic zone consists of a total area of 1,300 acres of land: Mirsarai phase 2A is 882 acres and Mirsarai phase 2B is 428 acres. Mirsarai phase 1 is 550 acres. It is situated in Mirsarai upazilla, about 13 km to the west from upazilla headquarter and about 66 Km from Chittagong City. The Bangladesh Water Development Board (BWDB) embankment is aligned almost parallel to the Dhaka-Chittagong National highway - running about 10 km to the east of the site. There exist two access roads: one is from Dhaka-Chittagong old highway with intersection at Borotakia bazar (about 9.30 Km away) and another is from Zorarganj intersection to Muhuri embankment (about 7 Km away). The existing Dhaka-Chittagong railway line is about 3 km from the Zorargonj intersection. Thus, the site is strategically located closer to the key transportation nodes of Chittagong for export and import. The primary source of water will be the Feni river through Ichhakhali canal. However, ground water will also be used.

The land use pattern of the zone is determined considering the land requirement for various processing units, logistics requirements, research. capacity development, development, residential skill facilities, schools and various social amenities etc. A concrete surface road is suggested for the internal road in the economic zone in terms of resistance against heavy rain and heavy truckload that is very common in economic zones. The main road is planned from the entrance crossing through factory plots in the industrial zone. Water distribution network inside the zone will deliver water to each factory along the roads, coming through the tower and tank at several places built inside the zone. A gravity fed



system will be used to supply water to the water supply pipeline located along the footpath of the road inside the site.

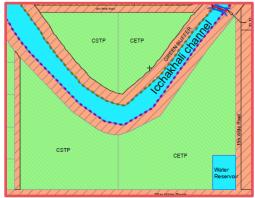
| Land use category | Plot Type | Number | Area in | Area in | % |
|--------------------------------|---------------------------|----------|---------|----------|--------|
| | | of Plots | Acres | Hectares | |
| Commercial Area | Total Commercial Area (a) | 1 | 2.69 | 1.089 | 0.305 |
| Processing Area (Export | | 167 | 505.129 | 204.395 | 57.253 |
| Processing Area, | Total Processing Area (b) | | | | |
| Domestic Processing | | | | | |
| Area) | | | | | |
| Non-Processing Area | Total Non-Processing Area | 37 | 374.385 | 151.513 | 42.471 |
| | (c) | | | | |
| Grand Total | (a+b+c) | 205 | 882.204 | 357.097 | 100 |

The following is the proposed land use plan for Mirsarai 2A:

Source: Pre-feasibility Report Mirsarai 2 Economic Zone (February 2017)

3. Objectives of the Assignment

A Pre-FS has been previously commissioned for the development of the Mirsarai 2 Economic Zone, which includes details on the location and process design of the CETP. The industrial effluent in the economic zone will be collected from the industries through a sewerage network and will be treated in the CETP. The industries will be responsible to do preliminary treatment for their industrial effluent. Maximum value for some critical wastewater parameters that can be discharged to the central effluent treatment plant will be set up to prevent overloading of the treatment operation.



The CETP will be located within the Processing Area, with a proposed area of 21.925 acres or 8.873 hectares. Support is now being sought to provide assistance to BEZA in coming up with a sound business case for the design, build, financing, and possibly operation and maintenance of the CETP for Mirsarai 2A. In addition, the consultant will be required to appraise the feasibility of service (i) expansion of service area CETP service coverage to include Mirsarai phase 1 and 2B as well and (ii) expansion of scope of transaction to include sewerage network and water supply treatment and distribution.

Once formulated and approved, Consultancy will also be sought during Project tender until financial close.

The Business Case is expected to come up with the following:

- Analysis and forecast of expected effluent volume and pollution loads, based on available project documentation;
- Further appraisal of the technical scope and minimum technical and output specifications for the CETP and effluent/sewerage network at site, including the setting of pre-treatment effluent and CETP discharge standards;
- Preparation of a conceptual design of CETP and sewerage network;
- Assessment of the feasibility and private sector attractiveness of expanding the scope of service to include (i) CETP service area to include Mirsarai phase 1 and 2B and (ii) inclusion of water treatment and distribution;

- Capital and operational expenditure estimate of CETP and sewerage network (accuracy +/- 30%);
- Conduct environmental and sanitary investigations with a view to reducing environmental, design and construction risks;
- Review and strengthen (if needed) the existing Environmental and Social Impact Assessment (ESIA);
- Determination and comparison of various procurement and financing structures for the Project benchmarked against the principles of value-for-money for BEZA as well as bankability, among others;
- Preparation of financial models to support the analysis of procurement and financing options;
- Conduct market sounding to test / confirm the appetite of Project developers, contractors, and lenders of the proposed Project structure, output specifications, availability of local sources of finance, and payment mechanism;
- Confirmation of the legal basis of the proposed Project structure / PPP modality (in view of the applicable legal and regulatory framework for the Project);
- Explore and market sensitize CETP opportunities, options, and technologies in Bangladesh, with a specific focus on Mirsarai;
- Identify, assess and evaluate CETP experiences in Bangladesh and similar industrial zones across the world;
- Assess regulatory requirements, gaps and key issues and recommend ways how to address these, with a focus on facilitation further CETP development and roll-out in Mirsarai.

Upon approval of the Business Case, and based on whether competitive tender or negotiated procurement is pursued, the Consultant is expected to:

- Draft the concession agreement, accompanied by a term sheet;
- Should competitive tender be the preferred option, prepare tender documents (i.e. Information Memorandum, RFQ and RFP, among others) and provide Consultancy support to BEZA until financial close;
- Should negotiated procurement be the preferred option, provide advisory support to BEZA during negotiations of the concession agreement until contract signing / contract closure.

4. Scope of Work

The scope of work shall cover the: (1) development of a business case for the Central Effluent Treatment Plant Project, water supply and sewerage network and (2) Preparation of bid documents including: (i) Preparation of RfQ and RfP documents; (ii) Preparation of the draft Concession Agreement; (iii) Carry out market consultation with relevant parties; and (iv) Supporting the GCA in the transaction phase up to commercial and/or financial close (if applicable).

The Consultant will take into account the pre-feasibility study on Mirsarai 2 Economic Zone of the Bangladesh Economic Zones Authority (BEZA) (February 2017) and also liaison with the upcoming consultant for Master Plan of Mirsarai Industrial City towards congruence of planning the CETP.

The Project will have two (2) major components:

Component 1 – Preparation of the business case and recommend a suitable contract structure

a) Technical Feasibility Assessment

The Consultant shall conduct a technical assessment of Project requirements; and determine/recommend optimal capacity and location, and environmental safeguard requirements (i.e., environmental impact

mitigation measures, climate change resiliency and disaster risk mitigation measures) consistent with relevant national laws and guidelines [and applicable international standards]. The study shall include timing and phasing of development and construction of facilities and the indicative Project cost taking into account relevant technical factors as well as environmental requirements.

- Explore and market sensitize CETP opportunities, options, and technologies in Bangladesh;
- Identify, assess and evaluate CETP experiences in Bangladesh and similar industrial zones across the world;
- Review the technical study done on the CETP component of the Mirsarai Economic Zone based of the pre-feasibility study by BEZA;
- Review of the layout plan from the Mirsarai 2A & 2B Economic Zone pre-feasibility study and identification of the most suitable location of the CETP and effluent discharge location in consideration of the topography, hydrology, geology, climate and land use of the site;
- The review shall include the re-evaluation of wastewater hydraulic flows and chemical and biological loads to determine the capacity and process design of the CETP;
- Review the design requirement of the CETP based on the identified site, wastewater characteristics and pretreatment standards;
- Review of the effluent discharge arrangement and effluent treatment system, including setting of pre-treatment effluent standards; The review should take into consideration the anticipated mix (sanitary and industrial) and composition of effluents in determining applicable discharge standards, end use of treated effluent, and under what conditions would pre-treatment at client facilities be required prior to discharge to the Mirsarai Economic Zone CETP.
- Evaluation of wastewater treatment technologies and reuse alternatives for the Mirsarai Economic Zone. The alternatives assessment should include a comparative analysis of provisioning a separate distribution network for reuse of treated wastewater from the CETP.
- Prepare a conceptual design for the common effluent treatment plant and wastewater collection network(s). Include a preliminary comparative assessment for having a separate effluent collection network for high strength / difficult to treat wastewater streams, either for the whole collection network or part(s) of the Mirsarai Economic Zone where such industries may be clustered.
- The CETP shall fulfill all required parameters and requirements by National Environmental Standards, General and sector specific IFC / World Bank Group Environmental Health and Safety Guidelines; and any specific requirements of the ESIA;
- Determine operating and maintenance costs of the CETP (with and without reuse scenarios) to be used as inputs to the financial model;
- Determine the capital expenditure requirements for the Project for with and without reuse scenarios; It is assumed that the capex needed will include a water treatment system and associated distribution network for supplying freshwater to the Mirsarai Economic Zone.
- Identify potential technical issues of the Project and propose mitigating measures;
- The technical study shall document compliance with environmental requirements by providing, as separate outputs/reports, the necessary plans (i.e. environmental impact and mitigation).

b) Environmental Assessment

Highlight key environmental issues facing the GCA; its environmental effects now and in the future; identify regulatory framework, institutional capacity, and strategies for working with environmental sustainability. Clearly define the objectives, scope, cost and affected area of the Project.

- Review the existing Environmental and Social Impact Assessment (ESIA) done for the Mirsarai Economic Zone to confirm adequacy for risks and impacts associated with the construction and operation of a CETP for the zone.
- Identify and prioritize closure of gaps with time and level of effort estimates.

- Review of applicable national and local environmental laws and international best practice.
- Identify potential environmental impacts and mitigation measures.
- Identify costs that need to be incorporated in the technical design to ensure compliance with applicable environmental laws.
- Identify public consultation requirements
- Identify how outstanding issues will be addresses in the feasibility study, if required.

c) Financial Analysis

Undertake a financial analysis of the Project technical options, evaluate alternative payment and risk allocation structures, identify the benchmarks, and underlying assumptions used to estimate the financial internal rate of return (FIRR) and returns to investors and financiers. Estimate value for money, affordability to users and/or the government, and bankability. Provide a sensitivity analysis of critical variables.

- Determination of the tariff rate to be charged to the industries for provisioning water supply (fresh water and reuse water) and the tariff rate mechanism applicable to each stream for the project.
- Determination of the tariff rate to be charged to the industries for providing effluent treatment services (with and without reuse) and the tariff rate mechanism applicable for the project.
- Develop a full financial model for financial feasibility assessment of the Project and financing plan including timelines for implementation and funds flow requirements. The financial model shall include, but not limited to, demand forecasts, tariff modelling, shadow bid modelling and bid pricing analysis modelling.
- The financial model shall accommodate several procurement options in order to assess the procurement method that would provide the best value-for-money (VfM) to BEZA
- The financial model shall contain various funding and financing scenarios considering various procurement models and government support options producing financial projections required to evaluate VfM, bankability and affordability to users and the government.
- Determination of financial internal rate of return (FIRR) and discounted net present value (NPV) for both Project and equity perspectives. The financial analysis model shall be designed to provide for project structuring options including the imposition of appropriate project financing constraints including, but not limited to, debt service coverage ratio (DSCR) caps which optimize scenarios for the disbursement of available projected cash flows to potential project creditors. The financial analysis model should have capabilities to allow the conduct of sensitivity and scenario analysis for the purpose of quantifying the financial impacts of different structuring options.
- Identify potential financial issues that need to be addressed by BEZA and propose mitigating measures.

d) Risk Analysis

Provide a qualitative assessment of the key risks for the Project (political, economic, technical, and environmental, and legislative). Identify broad risks over the whole life of the Project. Identify critical risks that have a high probability of occurrence, and/or a large financial impact. Assess availability of risk mitigation instruments such as insurance and other applicable financial instruments. Prepare a risk allocation matrix and identify potential risk management strategies. \

e) Legal and Regulatory Analysis

i) Project Institutional and Contractual Structure

Carry out a legal review of the Project based on all relevant and applicable national and local laws and regulations, identify legal requirements and processes and prepare a strategy to implement the proposed Project under the chosen procurement arrangement. Assess the institutional arrangements for implementing the Project and define the contractual structure that will provide the best VfM to BEZA. Review and assess legal issues associated with the management of the environmental impacts of the Project. Identify the contractual implications associated with sourcing funds from the public and private sector. Provide an output specification, payment mechanism, Key Performance Indicators (KPIs) and risk allocation matrix. Identify the critical features of each of the contracts in the proposed contractual structure, and the conditions precedent. Identify contract management and dispute resolution arrangements for the contracts.

ii) (National level) Institutional and regulatory analysis

Assess regulatory requirements, gaps and key issues and recommend ways how to address these, with a focus on facilitation further CETP development and roll-out in Mirsarai.

iii) Procurement Strategy

Review legal and regulatory requirements for procurement and develop a procurement plan that provides a timetable for procurement activities and an estimated budget.

Identify institutional strengthening and public consultation requirements. Prepare a timetable defining requirements to put measures in place and identify likely costs. Identify how outstanding issues will be addressed during subsequent phase(s) of the project.

Component 2 – Prepare bid documents, carry out market sounding and transact the CETP and fresh water supply until commercial and, if applicable, financial close

The Consultant shall prepare the bid documentations for the Project based on the chosen procurement arrangement of the GCA. The Consultant shall also assist the GCA in the transaction phase during the Request for Qualification (RfQ) and Request for Proposal stage (RfP) until commercial and/or financial closure (if applicable).

- The Consultant shall provide input to the legal, financial and technical qualification criteria for the RfQ documents and shall prepare the RfQ documents in accordance to the requirements of the procurement law applicable.
- The Consultant shall draft the RfP documents including the draft Concession Agreement and Minimum Performance Specifications and Standards (MPSS) for the Project.
- The MPSS shall consider applicable international standards in the construction, supply, installation and operations and maintenance (if applicable) of common effluent treatment wastewater facilities.
- The Consultant shall also undertake market sounding exercises with relevant parties to assess the market appetite for the Project and introduce certain contract mechanisms that will help address issues of the parties consulted with great consideration to the Government's achievement of VfM.
- The Concession Agreement must take into account the agreed risk allocation regime and use international best practice to maximize competition (if applicable) and ensure optimal pricing.
- The Consultant shall recommend an appropriate bid strategy in accordance to applicable laws.
- Support the GCA in the evaluation of RfQ and RfP documents.
- The Consultant is also expected to assist the GCA until commercial closure and/or financial closure as applicable.

5. Qualification Requirements

The qualification requirements for the Consultant are as follows:

- Must be a firm or a consortia of firms with extensive experience in the preparation of business cases and as transaction advisor for infrastructure facilities.
- Must have experience in the development of at least three (3) business cases for industrial wastewater treatment facilities in the past ten (10) years, preferably in an economic zone
- Must have extensive experience in transacting infrastructure facilities internationally. Additional merit will be given to firms with transaction experience in Bangladesh and/or South and South East Asia.
- Must have experience as transaction advisor for at least ten (10) infrastructure projects and at least one (1) wastewater facility internationally in the past ten (10) years.
- The firm must exhibit experience in providing commercial/financial and legal advice for infrastructure projects in its project references.

The Consultant must have experience in preparing reports to a standard acceptable to national and international financing institutions and be fluent in written and spoken English. The consultant team shall conduct regular consultations with the GCA in the course of the preparation and finalization of the business case and the bid documents.

The proposed team composition, qualifications and input months are illustrated below:

| ## | Consultant Team | | Qualification requirements | Person-months for Components | | |
|----|--|---|--|---------------------------------|-----|--|
| | | | | 1 | 2 | |
| Α | International | | | 6.0 | 6.0 | |
| 1 | Team Leader/ Procurement transaction expert | 10 years' experience including 5 years' experience as Team Leader, preferably in Asia | Experience in designing and transacting infrastructure projects internationally. Specific experience in Bangladesh and/or South/Southeast Asia is preferred. | 3.0 | 2.0 | |
| 2 | Waste water / effluent treatment process expert | 10 years | Experience in planning, designing, and costing wastewater infrastructure facilities and preparing KPIs and output specifications. | 1.0 | 2.0 | |
| 3 | Project finance expert | 10 years | Experience in building financial models to analyze infrastructure projects, and designing financial structures for public facilities and their operations. Project finance/PPP experience is a requirement. | 1.0 | 2.0 | |
| 4 | Legal expert | 10 years | Experience in developing infrastructure projects on the basis of different procurement modes including PPP with extensive experience in structuring projects and | 1.0 | 0.0 | |

Team Composition, qualification requirements and indicative resource allocation

| ## | Consultant Team | | Qualification requirements | Person-months for Components | |
|----|---|----------|---|---------------------------------|------|
| | | | | 1 | 2 |
| | | | providing transaction advisory services. | | |
| В | National | | | 6.0 | 11.0 |
| 5 | Deputy Team Leader / water & wastewater infrastructure expert | 10 years | Experience in designing and transacting infrastructure projects. | 2.0 | 7.0 |
| 6 | Fresh water treatment expert | 10 years | Experience in planning, designing, and costing drinking water treatment and infrastructure facilities and preparing KPIs and output specifications. | 1.0 | 2.0 |
| 7 | Environmental expert | 5 years | Experience in conducting environmental impact assessments for infrastructure projects (additional merit will be given for experience in wastewater facilities) and preparing environmental management plans. | 1.0 | 1.0 |
| 8 | Legal expert | 5 years | Experience in developing infrastructure projects on the basis of different procurement modes with extensive experience in structuring projects and providing transaction advisory services. | 1.0 | 2.0 |
| | Total | | | 12.0 | 17.0 |

6. Facilities to be provided by the Client

Client will provide the following facilities:

(i) introduce the Consultant to relevant stakeholders and local offices in collection of relevant information on project sites;

(ii) allow to access to the project sites;

(iii) allow using the conference room for stakeholders meetings/workshop;

(iv) a workstation (on demand) at Clients office;

(v) furnish information on land area, location, boundary and land ownership; and

(vi) provide the copy of Cadastral maps related to project sites;

7. Deliverables, timetable and payment schedule

| Deliverable / Milestone | Timeline from contract signature | Payment (%) |
|--|----------------------------------|-------------|
| Approval of inception report & updated | 3 weeks from Contract Signing | 10% |
| work plan | | |
| Approval of Business Case and Contract | 3 months from Contract Signing | 25% |
| Structure | | |
| Approval of bidding documents and | 6 months from Contract signing | 20% |
| (concession) contract | | |
| Approval of contract evaluation report | 10 months from Contract signing | 15% |
| Contract signature (commercial close) | 11 months from Contract signing | 10% |

| Deliverable / Milestone | Timeline from contract signature | Payment (%) |
|--|----------------------------------|-------------|
| and/or financial close (if applicable) | | |
| Final report and financial close (if | 12 months from Contract signing | 20% |
| applicable) | | |