

TURKEY - IZMIR METRO PROJECT 2ND PHASE PROCUREMENT AND IMPLEMENTATION SUPPORT

TERMS OF REFERENCE

1. BACKGROUND

Izmir Metropolitan Municipality (“IMM”, the “Client” or the “City”) is the third largest metropolitan area of Turkey with a population of approximately 4.2 million. It is growing fast and rapid motorisation is creating high levels of congestion, air and noise pollution and accident rates. To foster economic growth and increase the quality of life for its residents, the City initiated a Transport Master Plan, designed to relieve the traffic congestion with an integrated urban transport system. The European Bank for Reconstruction and Development (“EBRD” or the “Bank”) promoted this important development by co-financing the modernisation of the ferries and the traffic control system in 2013 and the procurement of 85 metro vehicles in 2014.

Izmir Metro (the “Company”) was established in 2000. The metro system in the City is primarily an above ground metro system carrying 215,000 passengers per day with 87 carriages, a 19 km network and 17 stations. Nineteen (19) new metro sets (85 rail cars co-financed by EBRD and 10 rail cars financed in 2014 from the City’s own budget) are added to the metro fleet to support the increasing ridership between transfer stations as well as the new metro stations that will be in service as part of the metro extension projects. The existing LRT system consists of one line which starts from Fahrettin Altay station in the southern part of the metropolitan area and runs towards northeast to end at Evka-3 in Bornova.

The EBRD is now considering financing the extension of the current metro line from Fahrettin Altay to Narlidere Kaymakamlik (the “Project”). The Project includes the construction of 7.2 km extension and seven underground stations linking the western districts of the City to the public transportation. The extension of the current metro system and further integration of the metro system with existing transport modes will enable the provision of frequent and efficient services to Izmir residents in a way that is fast, reliable, comfortable, and environment-friendly, providing an alternative to the use of cars.

As part of the Project, the City is now seeking a consultant (the “Consultant”) in assisting the implementation of investments and to provide support to a Project Implementation Unit (“PIU”) which will consist of procurement and technical specialists from the City’s relevant departments and technical specialists from the Company (the “Assignment”). The PIU will be established in the Municipal Rail Systems Department and is aimed to ensure a transparent procurement process as well as assistance with technical acceptance, documentation and training.

The City's procurement department is experienced and fully verse in carrying out procurements under the Turkish Public Procurement Law, including large and complex contracts. They placed a contract for passenger’s ferries and also for metro vehicles assisted by a PIU similar to this appointment and financed by donor funds of the EBRD. However, they have limited experience in following IFI procurement regulations and using internationally recognised conditions of contracts in the English language. The City's procurement department shall be in charge of the management of the procurement process for

all the contracts, funded by the Bank, and included in the procurement plan. The technical department drafted the technical requirements and will be responsible for all the aspects of technical nature, during evaluation and more importantly the contracts implementation. In order to mitigate the project's risks during implementation it is crucial providing assistance ensuring the implementation arrangements are understood, and followed adequately, and the Loan Agreement (the signing of the Loan Agreement is expected in Q1 2018) requirements timely met. It is considered an advantage that the Consultant will directly support existing Client's department and its personnel as this will ensure knowledge transfer being retained.

2. OBJECTIVES

The Consultant is expected to provide support to the PIU with the implementation of investments to be financed by the EBRD, ensuring compliance with the financing documents, monitoring the Project as well as advice on specific technical issues including the environmental and social (E&S) requirements. The Consultant will provide assistance in implementing the procurement contracts to ensure compliance with the Bank's Procurement Policies and Rules ("PP&R") provisions, and pursuant to all other agreements stipulated in the Loan Agreement signed between the City and the Bank. The Consultant shall ensure that the City seeks and obtains Bank's No Objection for each contract and/or as deemed necessary during the implementation, pursuant PP&R provisions.

The overall objective of the Assignment is to facilitate the timely and effective implementation of the Project by rendering assistance to the Client in the implementation of the Project, including design, all aspects of procurement and disbursement, and environmental and social (E&S) requirements.

With the involvement of the Consultant the Client will have access to the best practice in the implementation of the Project and procurement of works, goods and services, as well as advice on specific technical issues including E&S requirements.

The Consultant will also prepare a Corporate Development Programme for Izmir Metro Company where it will provide assistance with corporate accounting and management practices, review of existing Public Service Contract ("PSC") performance and monitoring indicators, asset management practices, operation of park-and-ride facilities and further efficiency improvements and private sector involvement.

3. SCOPE OF WORK

3.1 Introduction

The Consultant shall build project management capacity of the City by implementing the following tasks:

- Provide project management support to the City's Rail System Department to coordinate, administer, manage, monitor and evaluate all aspects of the Project, including project implementation, contract and financial administration;
- Ensure that all reports required by the EBRD for implementation of the project and the loan are submitted on schedule;
- Ensure that the project's risks mitigating measures are duly implemented;

- Arrange preparation of the prequalification, if any, and tender documents for procurement of works and goods;
- Arrangement of the tendering procedure for works and goods, including evaluation of tenders and drafting tender evaluation reports;
- Administration of contract implementation including, where appropriate, works supervision or assisting with works supervision;
- Assistance in all environmental and social (E&S) aspects; and
- Arrange timely disbursements under the contracts.

3.2 Overall support to the City and the Company

The Consultant will support the City and the Company (together the Client) with the following tasks:

- Review and Monitor the Project Implementation Plan;
- Review detailed design documentation for works (in accordance with the requirements of relevant local legislation) and of the technical specifications for compliance with the EBRD Procurement Policy and Rules and EBRD E&S requirements as stated in the Loan Agreement and other Project Documents;
- Review of the Terms of Reference for the supervision of works for compliance with the relevant local legislation as well as with the role and responsibility envisaged under the FIDC conditions of contract that will be the basis of the works contracts. The review shall also ensure that the TORs incorporate all the Engineer obligations that derive from the EBRD E&S requirements;
- Draft tender documents (including E&S requirements for contractors), carry out tender procedures, prepare evaluation report and contract, and submit the necessary documents to the EBRD, when requesting the issue of “no objection” as required;
- Provide project management support to the PIU as required, including appropriate contract administration; and implementation of the Environmental & Social Action Plan (ESAP), environmental and social management and monitoring plan, Stakeholder Engagement Plan (SEP) and preparation of annual environmental and social reports to the Bank;
- Ensure that the PIU will arrange payments to the contractor, to whom payment has been certified, to ensure that all such payments are made in due time, and that appropriate control and record systems are in place to ensure compliance with financiers and the country reporting requirements;
- Ensure that all reports required by the EBRD for implementation of the project and the loan are submitted on schedule; and,
- Prepare an integrated time schedule for progress meetings with the various parties; attend meetings together with the PIU to support the investment programme as a whole, seek response to reports, and discuss project issues on a regular basis with the PIU and other key people; prepare and circulate minutes of the meetings, including follow-up actions required to ensure progress.

3.3 Establishing the PIU structure

3.3.1 Development of a training plan

The Consultant will identify any training needs required (Client and PIU staff) for the Project. Appropriate training techniques, including both formal and informal techniques, will be

identified. A training plan summarising the needs and training will be drawn up. Following approval of this report by the Client, the Consultant will undertake the required training.

It is envisaged that training may be required in the following areas: procurement; project control and reporting; contracting; project accounting and disbursement; utility operations; EBRD Performance Requirements, ESAP and SEP implementation, environmental and social monitoring, and annual reporting on environmental and social issues. It is envisaged that training will include both formal training workshops and informal on the job training. The training will be designed to ensure that following the end of the assignment, the utility is able to fulfil its responsibilities without additional assistance.

3.3.2 Establishment of PIU operating procedures particular to the EBRD project

The Consultant will establish PIU operating procedures and systems needed to manage the scope of the project. Where relevant the Consultant will develop, implement and documents any such systems. These systems include, *inter alia*:

- A Project Procedures System, setting out the responsibilities, duties and authorities of the parties involved in the design and construction of the Project, together with all necessary procedures for communications, meetings, reporting, change control, quality control, etc. as are necessary for the efficient running and control of the Project. Corporate policies, plans and procedures for environmental management and protection, health and safety, human resources and equal opportunities. To this end, the consultant will:
 - Review the issues and mitigation measures proposed under the Environmental and Social Analysis and Audit, Stakeholder Engagement Plan (SEP), and the E&S Action Plan (ESAP) and the environmental management practices currently in place to have a good understanding of the current issues;
 - Develop an ESAP implementation plan specifying the responsible persons and where applicable, split each ESAP action into simple steps/tasks bound to a timeline.
- A Financial Management System, which includes: (i) project accounting and budget management systems; (ii) procedures for payment to suppliers of services, goods and works; (iv) management of a project and debt service reserve accounts and preparation of the appropriate documentation as required by EBRD; (v) systems for financial reporting to EBRD meeting reporting requirements specified in the EBRD loan agreement.
- A Project Management System, by which all relevant parties are made aware and reminded regularly of the existence and timing of important milestones and events. This should include a Project Decision Matrix for all project stakeholders, showing the dates for all decisions and approvals over the forthcoming six months.

3.4 Monitoring of the Project Implementation Plan

The City supported by the Consultant will establish, review and update a Project Implementation Plan (“PIP”) for the Project, in a form acceptable to EBRD. The PIP will cover all aspects of project implementation, and will include, *inter alia*:

- Project programme - a detailed Project programme (using appropriate presentation format: e.g. linked activity programmes, etc.) for completion of the whole Project - showing all activities and key events for design, approvals, commissioning, completion, etc. In the process of developing this plan, the Consultant will verify that all planning, and operation approvals and permits have been identified; and that the project programme fits with City planning.
- Project budget - a detailed cost budget as well as cash flow forecast for the whole Project. This will be based on existing proposals of cost estimates.
- Procurement - a procurement plan. The Consultant, if necessary, will advise on the best contract strategy and advice on update the PP as deemed necessary.
- Project risk matrix - A risk matrix outlining the key challenges and risks associated with the Project and the measures proposed to deal with them.

The Consultant will assist the City to update the investment programme, if needed, in response to changes in the project.

3.5 Support in review of the Design and Technical Requirements

The Consultant shall review the designs and technical specifications to ensure that they are providing sufficiently detailed information to allow the works to be procured and to enable an accurate cost estimate to be made. The designs and technical specifications shall provide such details as location, size, number, capacity, strength, equipment and works specifications. The design assumptions and criteria used to develop the designs shall be clearly documented.

The Consultant shall ensure that all design specifications are prepared in accordance with the requirements of national Law and international standards, where appropriate. The Consultant will provide quality assurance on the designs and technical specifications.

The Consultant shall ensure that the technical specifications and bill of quantities are drafted in accordance with instructions and guidance included in the EBRD's standard tender documents (STD) or ECEPP on-line modules.

The Consultant shall obtain or assist the Client with obtaining necessary approvals and permits by authorities for design prepared by the Consultant, as appropriate.

3.6 Procurement Support

3.6.1 Monitoring of procurement

The Consultant will oversee all activities and ensure that all procurement is carried out in accordance with EBRD Procurement Policies and Rules.

3.6.2 Advice on procurement strategy

The Consultant will provide advice with respect to all aspects of the procurement strategy. This will include, *inter alia*: Forms of Contract, Interface Management, Optimum contracting timetable, Supervision Requirements selection of Dispute Resolution Procedure.

3.6.3 Support during the preparation of Tender Documents:

The Consultant will support the PIU to prepare the tender documents, which will be based upon the EBRD's standard tender documents (STD) or ECEPP on-line modules. To this end, the Consultant will, *inter alia*:

- Review available technical specifications and documentation
- Ensure that the technical specifications and EBRD's E&S requirements, including those in the Environmental and Social Action Plan, are converted into a form suitable for inclusion in Tender Documents and works contracts.
- Advise on the possibilities for alternatives, cost savings value engineering opportunities etc and the treatment of these in the Tender documents.
- Draft tender documents.

3.6.4 Support during the Procurement Process

The Consultant will provide support to the PIU throughout the procurement process. To this end, the Consultant will, *inter alia*:

- Draft and ensure that all procurement notices are placed in a timely manner in accordance with the EBRD Procurement Policies and Rules.
- Ensure that all approvals and no-objections are applied for in a timely manner.
- Carry out the administration of the tender process, ensure that appropriate records are kept, documentation is properly stored, recorded and managed, and confidentiality is maintained.
- Prepare draft responses to Tender's clarifications, arrange for approval and issue and record the same.
- Arrange any data rooms, site meetings, information meetings or other pre-tender events, and record same.

If the procurement processes are managed via ECEPP the list above is not entirely applicable and the Consultant will also have to follow the guidelines and instructions enclosed in ECEPP.

3.6.5 Support during the Evaluation Process

The Consultant will take the lead in organising and managing the evaluation process. To this end, the Consultant will, *inter alia*:

- Give guidance on the composition of the evaluation committee and to the committee as required.
- Provide draft detailed technical evaluation report for the consideration of the committee. Compile the evaluation report in the required format, including all technical and financial analyses, records of consultation with external parties by the committee and clarifications requested and receive.
- Arrange for meetings (including public opening meetings) of the evaluation committee, attend as an advisor and record these meetings, presenting the minutes for approval by the PIU Director.
- Document the committee's deliberations in relation to the evaluation report and compile the agreement there into the report prior to seeing all approvals.
- Ensure that all queries and complaints are promptly attended to as appropriate and copy such inquiries as appropriate to the Bank.

If the procurement processes are managed via ECEPP the list above is not entirely applicable and the Consultant will also have to follow the guidelines and instructions enclosed in ECEPP.

3.6.6 Support during contract finalisation

The Consultant will provide support to the PIU during contract finalisation. To this end, the Consultant will, *inter alia*:

- Prepare a brief for the PIU indicating all the items to be resolved in the clarifications pre-contract, if any.
- Attend pre-contract discussions, if any, and document the discussions, updating the contract documents as necessary and seeking all necessary approvals.
- Advise on the validity of performance and other contract-related securities.
- Circulate the Contract as required by the relevant Rules.
- Notify unsuccessful Tenderers.
- Ensure that all queries and complaints are promptly attended to as appropriate and copy such inquiries as appropriate to the Bank.

If the procurement processes are managed via ECEPP the list above is not entirely applicable and the Consultant will also have to follow the guidelines and instructions enclosed in ECEPP.

3.7 Coordination of Third Parties

3.7.1 Other Consultants

The Consultant will support the PIU to coordinate the work of all other consultants involved in the project. To this end, the Consultant will, *inter alia*:

- Ensure that other consultants are provided with necessary documentation and other assistance, in order that they may meet the objectives of their assignments.
- Work with the PIU to review and respond to any recommendations, where necessary submitting requests for amendment of the Project Implementation Plan (PIP).

3.7.2 Licensing Agents, regulators etc

The Consultant shall identify and advise the City and the Company to initiate the procedures for any necessary local or republic licences, permits or other approvals, including but not limited to Site access, Building permits for permanent and temporary works as appropriate, licences. Where a contractor is responsible for obtaining specific licences or other authorisations, the Consultant shall facilitate the process. Furthermore, the Consultant will ensure that any on-going reporting requirements are met, and incorporated into the PIU procedures.

3.8 Support in ensuring compliance with Finance Documents and other agreements

3.8.1 Conditions Precedent

The Consultant will support the PIU to discharge the Conditions Precedent/effectiveness to the availability of funds.

3.8.2 Covenants, Reps & Warranties

The Consultant will monitor and support the PIU and Client to meet all continuing, time dependant or repeating warranties and representations. The Consultant shall keep records to demonstrate the status of these.

3.8.3 Preparing disbursement requests

The Consultant will train the PIU to prepare all disbursement requests and obtain the necessary authorised signatures and to submit these in good time in accordance with the Finance Documents

3.8.4 Project Accounts and Audits

The Consultant shall support the client to arrange for the preparation of Project Accounts at the time and in the form required in the Finance Documents, and arrange for audit and action any matters arising from audit in accordance with the Finance Documents. The Consultant shall include a monthly statement of the PIU's expenditures and projection against its budget for the next six months in each progress report.

3.8.5 Reporting in accordance with the Finance Documents

The Consultant shall train the client to meet all reporting requirements stipulated under the Finance Agreements and other Project Agreements. This will include regular reporting on any time-dependent covenants, implementation of any time or progress-dependant elements such as insurance policies, general progress reporting (programme, progress and financial status).

3.9 Corporate Development Programme

The Consultant will develop a plan (the "Plan") for improved operating, technical and financial management of the Company, its reporting and accounting methods to the City.

The Plan will include the following:

- a general long term set of financial and operational performance improvement measures to be developed post PSC review. The Consultants to review the existing performance and monitoring indicators, asset management practices, operation of park-and-ride facilities and detail further efficiency improvements and any possible private sector involvement areas;
- an introduction of an enhanced Management Information System, improved worker productivity ratios using industry benchmarks for similar metro system in the region;
- the establishment of an asset management approach to rolling stock versus fixed assets (track, signals, stations, depot, etc.) to be managed in future by two distinct divisions with separate cost lines within Company -a formal division of responsibility between rolling-stock O&M and the maintenance and refurbishment of fixed assets needed to carry out reliable and safe train operations;

These are intended to help the Company to improve its commercial performance and service quality and make recommendations.

Following approval of the Plan, the Consultant will advise and assist the Company to achieve the Plan's objectives.

The Project will contribute to sustainable transport through the transfer of passenger trips from buses, minibuses, taxis and passenger cars, significantly contributing to the reduction of air pollutants and GHG emissions. Hence, the Consultant will assist the City in calculation the emission reductions including CO₂, NO_x, SO_x and particle matter.

The Consultant will also assist the Company in identifying suitable parking facilities near the metro. This will boost the overall attractiveness of Izmir Metro's services to customers,

enhance the service quality and increase non-fare revenues of the Izmir Metro. In addition, the integration of park and ride stations will also promote private sector participation through the commercialisation of park and ride stations via giving concessions to coffee shops, little kiosks, and etc.

Asset Management Approach to Fixed Infrastructure vs. Rolling Stock

As the Company expands, the operation and maintenance of the metro system becomes increasingly complex. Therefore, the Consultant will review and document currently applied vehicle maintenance and repair schemes and practices, and will suggest the best suitable approach to specialising certain functions for fixed versus other metro systems infrastructure (e.g., rolling stock) to be adopted by the Company. The Consultant should develop and discuss with the Company the merits of creating a formal division of the Company into a Fixed Asset Division for elements such as track, stations, electrical and communications systems upkeep, while a different division would be responsible for rolling stock. The Consultant should propose an efficient organization of maintenance and repair routine of all metro system components, specifying adequate number and responsibilities of necessary staff for given the size and condition of the fleet, as well as facilities and equipment needed.

The sufficient planning, management, reporting and monitoring system for the performance of metro system maintenance will be proposed by the Consultant. The system should allow monitoring of vehicles maintenance and repair department key performance ratios. The Consultant will prepare a detailed new metro maintenance implementation plan. Finally, the Consultant will draft and propose a system for planning, management, reporting and monitoring of the metro system's maintenance and repair department's performance.

4. IMPLEMENTATION ARRANGEMENTS AND DELIVERABLES

The assignment is expected to start in Q1 2018 and have duration of 42 months.

It is expected that the City will provide the Consultant free of charge with furnished, serviced and maintained office accommodation.

All available project information, reports and documents will be made available for the Consultant by the City.

All documentation related to the works will remain the property of the City after completion of the assignment. The Consultant shall not publish, use or dispose of this documentation without the written consent of the City.

The Consultant will prepare Inception, Quarterly and Final Reports. The City from time to time may request the Consultant to produce an ad hoc report.

4.1 Deliverables

The Consultant will provide the Client and the EBRD with information, designs, data and documentation through submission of periodic reports prepared during the course of its service or specific reports prepared at the request of the Client in relation to the design, construction, completion, testing or commissioning of the Works.

Reporting will include at least the following:

Report	Date	No. of Copies English	No. of Copies Local language
Inception	Mobilisation + 4 weeks	1	1
Project Implementation Plan	Mobilisation + 2 months	1	1
Environmental & Social Action Plan	To be determined	1	1
Quarterly Progress	Within 10 working days of end of a reporting period	1	1
Draft Project Completion	On Project Completion	1	1
Project Completion	Within 4 weeks of receiving the Client's comments	1	1
Working Papers, Issues Papers	As required	1	1

For practical reasons it is proposed to allow a delay of ten working days in submission of the reports in local language due to the translation efforts.

All project reports issued by the Consultant shall be reviewed and approved by the PIU. A period of two weeks shall be allowed for the review and approval.

4.1.1 Inception Report:

Not later than in four weeks upon commencement of rendering the services the Consultant will prepare and submit the Inception Report. This report will include the information about the status of the Project preparation and implementation, the Consultant's assessment of effectiveness of the Loan Agreement, revised overall procurement plan and contracting strategy, as well as an assessment of resources that will be required for the implementation of the ESAP. The expected Project implementation schedule corrected in accordance with the realistic status will be attached to the report, as well as the Consultant's work schedule for the next quarter.

4.1.2 Project Implementation Plan (PIP):

Within two months of mobilisation, the Consultant will submit to the PIU (in a format acceptable to the PIU and Lenders), a Project Implementation Plan (PIP) comprising:

- Detailed scope description and work breakdown structure;
- Brief analysis of the key challenges and risks associated with the Project and the measures proposed to deal with them;
- Organisation chart showing management positions and reporting lines;
- Detailed cost budget for the whole Project;
- Detailed Project Programme using Primavera Project Planner (or similar software as approved by the PIU) for completion of the whole Project - showing all activities and key events for design, approvals, construction, commissioning, completion, etc;
- Procurement and expediting plan;

- Plan for Project control and reporting, which will include inter alia: the proposed arrangements for cost tracking, control and reporting, and the proposed arrangements for progress measurement, control and reporting.

Following the award of Contracts and discussions with the Contractors, then subject to agreement with the PIU, the PIP will be amended as necessary to align it with the Contracts.

In addition, the Consultant will:

- Draw up and maintain a **Project Execution Plan**, setting out the responsibilities, duties and authorities of the parties involved in the design and construction of the Project, together with all necessary procedures for communications, meetings, reporting, change control, quality control, etc. as are necessary for the efficient running and control of the Project;
- Draw up and maintain a master **Capital Budget and Cash-flow** showing all expenditures. A budget/cash-flow report will be incorporated in the monthly reports, showing: (a) the original budget, revised total estimate, and actual or expected variance for each item; (b) actual and forecast cost overruns; and (c) recommendations and/or details of actions to mitigate and/or recover any such cost over-runs; and
- Introduce a simple management system by which all relevant parties are made aware and reminded regularly of the existence and timing of important milestones and events.

The Consultant will be required to give formal representations, to be included in **Quarterly Progress Reports**. The format of quarterly reports shall be agreed by the Client and the EBRD and shall include, but not be limited to, the following:

- chart and description of work and goods of each stage: production, transportation, construction, installation, testing, commissioning, guarantee test and acceptance;
- cash flow forecast;
- comparisons of actual and planned progress including percentage completion achieved for each activity;
- details of any aspects which may jeopardize the completion in accordance with the Contracts, and the measures being (or to be) adopted to overcome such aspects;
- copies of the assurance documents, test results and certificates of materials;
- safety statistics, including details of any hazardous incidents and activities relating to environmental and social aspects and public relations;
- review and update of investment grant log frame: progress with regard to output and where possible outcome;
- update on implementation status of ESAP (progress of implementation indicated clearly for each mitigation measure in a separate column of the ESAP table), SEP and environmental and social monitoring plan;
- any major changes in the project design and/or capacity that represent a material change to the originally approved EBRD project. Any such cases must be brought to the attention of the Operation Leader and the Bank's E&S specialist;
- other information as relevant.

In addition, the Consultant will:

- Document the work through Working Papers, Issues Papers and Memoranda in Local and/or English, as appropriate;
- Prepare a draft Project Completion Report; The Final Report will be a review of all Consultants' tasks, the level to which they were fulfilled and will include all necessary conclusions and the final ESAP implementation progress update.
- Prepare and maintain full and proper records of all meetings and discussions; and
- Prepare Engineer's Work Programme Report and Contracts Monthly Progress Reports, as required in Programming and Monitoring Progress section of the ToR.

The reports shall be prepared in the English and Turkish languages.

5. CONSULTANT'S PROFILE

The Consultant shall be responsible for mobilisation of experts qualified and suitable for the assignment and other professional staff with the proven experience required in the administrative management, procurement, design and administration, of projects and activities similar in terms of nature scope and size.

The budget for the assignment is limited and although it is anticipated that the Consultant's team shall include the following expertise with short-term support as required in other disciplines, the Consultant will need to provide the optimum work schedule for its staff to ensure sufficient resources are in place on site. For this reason office backstopping should be kept to a minimum:

Position	Qualification Requirements
Project Manager	<ul style="list-style-type: none"> - B.Sc. degree in civil engineering or similar. - Preferably 15 years' experience in urban rail design and construction or construction supervision - Preferably 8 years' as project manager or team leader for similar projects - Preferably more than 5 years' experience in procurement rules of Multilateral Development Banks and implementation of contracts under FIDIC conditions of contracts. - Fluent in English - Fluency in Turkish would be an advantage.
Technical expert in urban rail	<ul style="list-style-type: none"> - B.Sc. degree in civil engineering or similar. - Preferably 10 years' experience in urban rail design, construction and/or construction supervision. - Experience in preferably minimum 2 similar assignments (review of or design of urban rail network infrastructure). - Have all the relevant qualifications requested by the Turkish laws to review designs and technical specifications for works in the urban rail sector. - Experience in procurement rules of Multilateral Development Banks and implementation of contracts under FIDIC conditions of contract. - Fluent in English and Turkish.
Procurement and Contracts Specialist	<ul style="list-style-type: none"> - B.Sc. degree in civil engineering, economics, law or similar relevant qualifications. - Preferably 10 years' experience in contracting and procurement of works, goods and service contracts related to construction sector. - Preferably 5 years as contracting and procurement expert for projects financed by Multilateral Development Banks.

	<ul style="list-style-type: none"> - Experience in preferably minimum 2 projects in the last 7 years related to procurement of works under procurement rules of Multilateral Development Banks and FIDIC conditions of contract. - Fluent in English and Turkish.
Financial Expert	<ul style="list-style-type: none"> - B.Sc. degree in finance, accounting, economics or similar relevant qualifications. - Preferably 10 years' experience in accounting, audit or finance. - Experience in financial reporting for projects financed by Multilateral Development Banks of International Donors. - Expertise in setting up financial management system suitable for the Project and to satisfy the Multilateral Development Banks or International Donors requirements for disbursement. - Knowledge of requirements of Turkish legislation concerning issues relevant to this procurement would be an advantage. - Fluent in English. - Fluency in Turkish would be an advantage.
Environmental Specialist	<ul style="list-style-type: none"> - B.Sc. degree in biology, environment or similar. - Preferably 5 years' experience in environmental studies and EIA impact assessment. - Specific experience in environmental requirements according to Local law. - Fluent in English. - Fluency in Turkish would be an advantage.
Health and Safety Specialist	<ul style="list-style-type: none"> - B.Sc. degree in relevant sector. - Preferably 5 years' experience in similar projects. - Specific experience in safety of construction for infrastructural projects. - Good knowledge and understanding of EBRD's environmental and social requirements and past experience of assistance in their successful implementation. - Fluent in English. - Fluency in Turkish would be an advantage.
Social Specialist	<ul style="list-style-type: none"> - B.Sc. degree in relevant sector - Preferably 5 years' experience in similar projects within the required sector - Good knowledge and understanding of EBRD's environmental and social requirements and past experience of assistance in their successful implementation as well as good understanding of implementation of social requirements in public sector projects - Fluent in English - Fluency in Turkish would be an advantage

Additionally, adequate local support staff shall be provided for the administrative task under the project and be responsible for the translation of documents from Turkish to English and vice versa.

6. DONOR VISIBILITY

Given the assignment is funded through the EBRD's donor funded technical cooperation programme, the Consultant will be required to support the client to ensure visibility of these resources. Support on these visibility aspects can be obtained from the Bank's Communications Department. Measures could include but not be limited to:

- All documents produced by the Consultant should mention donor support and bear the logo of the donor, when appropriate.
- Donor support to the project should be acknowledged in any public communication (press releases, launch of facilities)
- Local representatives of donors should be invited to any public event organised to promote the project (press conferences, inaugurations, possibly stakeholder participation programmes)

Please contact Donor Visibility team (email: donorvisibility@ebrd.com) for further information. Some donor visibility guidelines can also be provided by the Bank to Consultants at the start of an assignment.