



**THE UNITED REPUBLIC OF
PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
DAR RAPID TRANSIT AGENCY**



INITIAL SELECTION DOCUMENT

TENDER NO. TZ-DART-476217-GO-RFP

FOR

**DESIGN, SUPPLY AND INSTALLATION OF THE BRT MANAGEMENT
SYSTEM, TRAFFIC MANAGEMENT SYSTEMS, AND ICT
INFRASTRUCTURE FOR DART PHASE I CORRIDOR**

March 2025

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Specific Procurement Notice

Invitation for Initial Selection Information Systems (Design, Supply, and Installation)

PURCHASER: Dar Rapid Transit Agency (DART)

PROJECT: Dar Es Salaam Urban Transport Improvement Project (DUTP) – P15093

CONTRACT TITLE: Design, Supply and Installation of the BRT Management System, Traffic Management Systems, and ICT Infrastructure for Dart Phase I Corridor

COUNTRY: United Republic of Tanzania

CREDIT No.: IDA-59570, 59580

ISD No: TZ-DART-476217-GO-RFP

Issued on: March 6, 2025

1. The **DAR RAPID TRANSIT AGENCY (DART)** *has received* financing from the World Bank toward the cost of the **DAR ES SALAAM URBAN TRANSPORT IMPROVEMENT PROJECT (DUTP) – P150937**, and intends to apply part of the proceeds toward payments under the contract for **Design, supply and installation of the BRT Management System, Traffic Management Systems, and ICT Infrastructure for DART Phase I Corridor**.
2. The **DAR RAPID TRANSIT AGENCY** intends to initially select Applicants for Design, supply and installation of the BRT Management Systems for Phase I Corridor in Dar es Salaam, including Stations and Terminal Station Systems and the equipment and software for the Operating Control Centre (OCC). BRT Phase I is comprised of twenty-eight (28) Stations and five (5) Terminals, managed from an Operating Control Centre (OCC). The central system (primary and disaster recovery) will be hosted on Government Data centers.
3. Initial Selection will be conducted through the procedures as specified in the World Bank’s Procurement Regulations for Borrowers- Procurement in Investment Projects Financing” 2023 (“Procurement Regulations”), and is open to all eligible Applicants as defined in the Procurement Regulations.
4. Interested eligible Applicants may obtain further information from the DART at the address below during office hours. A complete set of **Initial Selection** documents in English may be purchased by interested Applicants on the submission of a written application to the address below and upon payment of a nonrefundable fee of **200.00 USD or 500,000.00 Tanzanian Shillings**. The method of payment will be through the control number to be provided by DART Agency or direct deposit or telegraphic transfer to the DART bank account. Please request control number through the

following mail address: secretary.tenderboard@dart.go.tz; copied to emanuel.braxton@dart.go.tz after getting the control number, follow procedures outlined in this link <https://epay.gepg.go.tz/> to make payment and follow up your receipt via emails provided. Details of the bank account: -

Name: DAR RAPID TRANSIT AGENCY
Currency: USD
Bank: CRDB Bank
Account Number: 02J1097519000
SWIFT: CORUTZTZ

Currency: TZS
Bank: NMB PLC, Bank
Account Number: 20101200011

5. The document will be sent by e-mail to the e-mail address given by the Applicant after confirmation of the payments. Initial Selection Document (in Read Only form) is available on the DART's web page for inspection. The link: <https://dart.go.tz/uploads/documents/en-1741165441-2025.03.05 ITS -ISD -Doc Final Final.pdf>
6. Applications for Initial Selection should be submitted in clearly marked envelopes and delivered to the address below by **April 9, 2025** at **10.00** hours local time. Late applications may be rejected
7. DART will not assume responsibility for electronic submission failures or instances of premature opening before the specified delivery date and time. Only applications that include proof of payment will be considered for evaluation.

Attention: Head of Procurement Management Unit
Street Address: Ubungu Maji along Morogoro Road
City: Dar Es Salaam
Country: United Republic of Tanzania
Email: secretary.tenderboard@dart.go.tz

PART 1 – Initial Selection Procedures

Section I - Instructions to Applicants

Section I - Instructions to Applicants

A. General

1. Scope of Application

1.1 In connection with the invitation for Initial Selection indicated in Section II, Initial Selection Data Sheet (**ISDS**), the Purchaser, as defined **in the ISDS**, issues this Initial Selection Document (“Initial Selection Document”) to prospective applicants (“Applicants”) interested in submitting applications (“Applications”) for Initial Selection to submit Proposals for the Information Systems Design, Supply and Installation described in Section VII, Scope of Purchaser’s Requirement. In case proposals for the Information Systems Design, Supply and Installation are to be invited as individual contracts (i.e., the slice and package procedure), these are listed **in the ISDS**. The Request for Proposals (RFP) number corresponding to this Initial Selection is also provided **in the ISDS**.

1.2 For the purposes of this Initial Selection Document, the term “Information System” means all:

- (a) the required information technologies, including all information processing and communications-related hardware, software, supplies, and consumable items that the Supplier is required to supply and install under the Contract, plus all associated documentation, and all other materials and goods to be supplied, installed, integrated, and made operational; and
- (b) the related software development, transportation, insurance, installation, customization, integration, commissioning, training, technical support, maintenance, repair, and other services necessary for proper operation of the Information System to be provided by the selected Proposer as specified in Section VII Purchaser’s Requirement.

2. Source of Funds

2.1 The Borrower or Recipient (hereinafter called “Borrower”) indicated **in the ISDS** has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount specified **in**

the ISDS, towards the cost of the project named **in the ISDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract(s) resulting from the Request for Proposals (RFP) process for which this Initial Selection is conducted.

- 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank, and will be subject, in all respects, to the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the loan (or credit) account for the purpose of any payment to persons or entities, or for any import of goods, equipment, plant or materials, or services if such payment or import, to the knowledge of the Bank, is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights from the Loan (or other financing) Agreement or have any claim to the proceeds of the loan (or credit).

3. Fraud and Corruption

- 3.1 The Bank requires compliance with the Bank’s Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG’s Sanctions Framework, as set forth in Section VI, Fraud and Corruption.
- 3.2 In further pursuance of this policy, Applicants shall permit and shall cause their agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit the Bank to inspect all accounts, records and other documents relating to any Prequalification process, Initial Selection process, Bid submission (in case prequalified), Proposal submission, (in case initially selected), and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

4. Eligible Applicants

- 4.1 Applicants shall meet the eligibility criteria as per this Instruction and ITA 5.1.
- 4.2 An Applicant may be a firm that is a private entity, a state-owned enterprise or institution subject to ITA 4.9 - or any combination of such entities in the form of a joint venture (“JV”) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire

Contract in accordance with the Contract terms. The JV shall nominate an authorized representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Initial Selection process, RFP process (in the event the JV submits a Proposal) and during contract execution (in the event the JV is awarded the Contract). Unless specified **in the ISDS**, there is no limit on the number of members in a JV.

- 4.3 A firm is not permitted to participate for initial selection for the same contract both as an individual firm and as a part of a joint venture or as a subcontractor. However, a firm may participate as a subcontractor in more than one Application but only in the capacity of a subcontractor. Applications submitted in violation of this procedure will be rejected.
- 4.4 A firm and any of its affiliates (that directly or indirectly control, are controlled by or are under common control with that firm) are not permitted to submit more than one application for initial selection for the same contract, either individually, as joint venture or as a subcontractor among them. Applications submitted in violation of this procedure will be rejected.
- 4.5 An Applicant may have the nationality of any country, subject to the restrictions pursuant to ITA 5.1. An Applicant shall be deemed to have the nationality of a country if the Applicant is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed specialized sub-contractors or suppliers for any part of the Contract including related Services.
- 4.6 Applicants and proposed specialized sub-contractors or suppliers for any part of the Contract including related services (for the purpose of this ITA 4.6 referred to as “Applicants”) shall not have a conflict of interest. Applicants shall be considered to have a conflict of interest, if they, or any of their affiliates, participated as a consultant in the preparation of the Purchaser’s Requirement (other than design to be carried out as part of this Information System Design, Supply and Installation contract) or have been hired or proposed to

be hired by the Purchaser or Borrower as Project Manager for contract implementation of the Information Systems Design, Supply and Installation that are the subject of this Initial Selection. In addition, Applicants may be considered to have a conflict of interest if they have a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the Initial Selection Document or Request for Proposals (RFP) Document or specifications of the Contract, and/or the Proposal evaluation process of such Contract; or (ii) would be involved in the implementation or supervision of such Contract, unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the procurement process and execution of the Contract.

- 4.7 An Applicant that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, and in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as described in Section VI, paragraph 2.2 d. shall be ineligible to be prequalified for, initially selected for, bid for, propose for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined.
- 4.8 The list of debarred firms and individuals is available as specified **in the ISDS**.
- 4.9 Applicants that are state-owned enterprise or institutions in the Purchaser's Country may be eligible to be initially selected, compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not under supervision of the Purchaser.
- 4.10 An Applicant shall not be under suspension from bidding or submitting proposals by the Purchaser as the result of the execution of a Bid or Proposal–Securing Declaration.
- 4.11 An Applicant shall provide such documentary evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4.12 A firm that is under a sanction of debarment by the Borrower from being awarded a contract is eligible to participate in this procurement, unless the Bank, at the Borrower's request, is satisfied that the debarment:

- (a) relates to fraud or corruption; and
- (b) followed a judicial or administrative proceeding that afforded the firm adequate due process.

5. Eligibility

5.1 Firms and individuals may be ineligible if they are nationals of ineligible countries as indicated in Section V. The countries, persons or entities are ineligible if (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country. When the Information Systems Design, Supply and Installation is implemented across jurisdictional boundaries (and more than one country is a Borrower, and is involved in the procurement), then exclusion of a firm or individual on the basis of ITA 5.1(a) above by any country may be applied to that procurement across other countries involved, if the Bank and the Borrowers involved in the procurement agree.

B. Contents of the Initial Selection Document

6. Sections of Initial Selection Document

6.1 This Initial Selection Document consists of parts 1 and 2 which comprise all the sections indicated below, and which should be read in conjunction with any Addendum issued in accordance with ITA 8.

PART 1 Initial Selection Procedures

- Section I - Instructions to Applicants (ITA)
- Section II - Initial Selection Data Sheet (ISDS)
- Section III - Initial Selection Criteria and Requirements

- Section IV - Application Forms
- Section V – Eligible Countries
- Section VI – Fraud and Corruption

PART 2 Purchaser’s Requirements

- Section VII - Scope of Purchaser’s Requirement

- 6.2 Unless obtained directly from the Purchaser, the Purchaser accepts no responsibility for the completeness of the document, responses to requests for clarification, the minutes of the pre-Application meeting (if any), or Addenda to the Initial Selection Document in accordance with ITA 8. In case of any discrepancies, documents issued directly by the Purchaser shall prevail.
- 6.3 The Applicant is expected to examine all instructions, forms, and terms in the Initial Selection Document and to furnish with its Application all information or documentation as is required by the Initial Selection Document.

7. Clarification of Initial Selection Document and Pre-Application Meeting

- 7.1 An Applicant requiring any clarification of the Initial Selection Document shall contact the Purchaser in writing at the Purchaser’s address indicated **in the ISDS**. The Purchaser will respond in writing to any request for clarification provided that such request is received no later than fourteen (14) days prior to the deadline for submission of the applications. The Purchaser shall forward a copy of its response to all prospective Applicants who have obtained the Initial Selection Document directly from the Purchaser, including a description of the inquiry but without identifying its source. If so indicated **in the ISDS**, the Purchaser shall also promptly publish its response at the web page identified **in the ISDS**. Should the Purchaser deem it necessary to amend the Initial Selection Document as a result of a clarification, it shall do so following the procedure under ITA 8 and in accordance with the provisions of ITA 17.2.
- 7.2 If indicated **in the ISDS**, the Applicant’s designated representative is invited at the Applicant’s cost to attend a pre-Application meeting at the place, date and time mentioned **in the ISDS**. During this pre-Application meeting, prospective Applicants may request

clarification of the project requirement, the criteria for qualifications or any other aspects of the Initial Selection Document.

7.3 Minutes of the pre-Application meeting, if applicable, including the text of the questions asked by Applicants, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all prospective Applicants who have obtained the Initial Selection Document. Any modification to the Initial Selection Document that may become necessary as a result of the pre-Application meeting shall be made by the Purchaser exclusively through the use of an Addendum pursuant to ITA 8. Non-attendance at the pre-Application meeting will not be a cause for disqualification of an Applicant.

8. Amendment of Initial Selection Document

8.1 At any time prior to the deadline for submission of Applications, the Purchaser may amend the Initial Selection Document by issuing an Addendum.

8.2 Any Addendum issued shall be part of the Initial Selection Document and shall be communicated in writing to all Applicants who have obtained the Initial Selection Document from the Purchaser. The Purchaser shall promptly publish the Addendum at the Purchaser's web page identified **in the ISDS**.

8.3 To give Applicants reasonable time to take an Addendum into account in preparing their Applications, the Purchaser may, at its discretion, extend the deadline for the submission of Applications in accordance with ITA 17.2.

C. Preparation of Applications

9. Cost of Applications

9.1 The Applicant shall bear all costs associated with the preparation and submission of its Application. The Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Initial Selection process.

10. Language of Application

10.1 The Application as well as all correspondence and documents relating to the Initial Selection exchanged by the Applicant and the Purchaser, shall be written in the language specified **in the ISDS**. Supporting documents and printed literature that are part of the Application may

be in another language, provided they are accompanied by an accurate translation of the relevant passages in the language specified **in the ISDS**, in which case, for purposes of interpretation of the Application, the translation shall govern.

11. Documents Comprising the Application

11.1 The Application shall comprise the following:

- (a) **Application Submission Letter**, in accordance with ITA 12.1;
- (b) **Eligibility:** documentary evidence establishing the Applicant’s eligibility, in accordance with ITA 13.1;
- (c) **Qualifications:** documentary evidence establishing the Applicant’s qualifications, in accordance with ITA 14; and
- (d) any other document required as specified **in the ISDS**.

11.2 The Applicant shall furnish information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Application

12. Application Submission Letter

12.1 The Applicant shall complete an Application Submission Letter as provided in Section IV, Application Forms. This Letter must be completed without any alteration to its format.

13. Documents Establishing the Eligibility of the Applicant

13.1 To establish its eligibility in accordance with ITA 4, the Applicant shall complete the eligibility declarations in the Application Submission Letter and Forms ELI (eligibility) 1.1 and 1.2, included in Section IV, Application Forms.

14. Documents Establishing the Qualifications of the Applicant

To establish its qualifications to perform the contract(s) in accordance with Section III - Initial Selection Criteria and Requirements, the Applicant shall provide the information requested in the corresponding Information Sheets included in Section IV, Application Forms.

Wherever an Application Form requires an Applicant to state a monetary amount, Applicants should indicate the USD equivalent using the rate of exchange determined as follows:

(a) For turnover

financial data required
for each

year - Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year are to be converted).

(b) Value of single contract - Exchange rate prevailing on the date of the contract.

Exchange rates shall be taken from the publicly available source identified **in the ISDS**. Any error in determining the exchange rates in the Application may be corrected by the Purchaser.

15. Signing of the Application and Number of Copies

15.1 The Applicant shall prepare one original of the documents comprising the Application as described in ITA 11 and clearly mark it “ORIGINAL”. The original of the Application shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Applicant. In case the Applicant is a JV, the Application shall be signed by an authorized representative of the JV on behalf of the JV and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized signatories.

15.2 The Applicant shall submit copies of the signed original Application, in the number specified **in the ISDS**, and clearly mark them “COPY”. In the event of any discrepancy between the original and the copies, the original shall prevail.

D. Submission of Applications

16. Sealing and Marking of Applications

16.1 The Applicant shall enclose the original and the copies of the Application in a sealed envelope that shall:

- (a) bear the name and address of the Applicant;
- (b) be addressed to the Purchaser, in accordance with ITA 17.1; and
- (c) bear the specific identification of this Initial Selection process indicated **in the ISDS** 1.1.

16.2 The Purchaser will accept no responsibility for not processing any envelope that was not identified as required in ITA 16.1 above.

17. Deadline for Submission of Applications

17.1 Applicants may either submit their Applications by mail or by hand. Applications shall be received by the

Purchaser at the address and no later than the deadline indicated **in the ISDS**. When so specified **in the ISDS**, Applicants have the option of submitting their Applications electronically, in accordance with electronic Application submission procedures specified **in the ISDS**.

17.2 The Purchaser may, at its discretion, extend the deadline for the submission of Applications by amending the Initial Selection Document in accordance with ITA 8, in which case all rights and obligations of the Purchaser and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.

18. Late Applications

18.1 The Purchaser reserves the right to accept applications received after the deadline for submission of applications, unless otherwise specified **in the ISDS**.

19. Opening of Applications

19.1 The Purchaser shall open all Applications at the date, time and place specified **in the ISDS**. Late Applications shall be treated in accordance with ITA 18.1.

19.2 Applications submitted electronically (if permitted pursuant to ITA 17.1) shall be opened in accordance with the procedures specified in the **ISDS**.

19.3 The Purchaser shall prepare a record of the opening of Applications to include, as a minimum, the name of the Applicants. A copy of the record shall be distributed to all Applicants.

E. Procedures for Evaluation of Applications

20. Confidentiality

20.1 Information relating to the Applications, their evaluation and results of the Initial Selection shall not be disclosed to Applicants or any other persons not officially concerned with the Initial Selection process until the notification of Initial Selection results is made to all Applicants in accordance with ITA 28.

20.2 From the deadline for submission of Applications to the time of notification of the results of the Initial Selection in accordance with ITA 28, any Applicant that wishes to contact the Purchaser on any matter related to the Initial Selection process may do so only in writing.

21. Clarification of Applications

21.1 To assist in the evaluation of Applications, the Purchaser may, at its discretion, ask an Applicant for a clarification (including missing documents) of its Application, to be

submitted within a stated reasonable period of time. Any request for clarification from the Purchaser and all clarifications from the Applicant shall be in writing.

21.2 If an Applicant does not provide clarifications and/or documents requested by the date and time set in the Purchaser's request for clarification, its Application shall be evaluated based on the information and documents available at the time of evaluation of the Application.

22. Responsiveness of Applications

22.1 The Purchaser may reject any Application which is not responsive to the requirements of the Initial Selection Document. In case the information furnished by the Applicant is incomplete or otherwise requires clarification as per ITA 21.1, and the Applicant fails to provide satisfactory clarification and/or missing information, it may result in disqualification of the Applicant.

23. Margin of Preference

23.1 Margin of preference for domestic Proposers shall not apply in the RFP process resulting from this Initial Selection.

24. Subcontractors

24.1 Unless otherwise stated **in the ISDS**, the Purchaser does not intend to execute any specific elements of the Information Systems Design, Supply and Installation by sub-contractors selected in advance by the Purchaser (so-called "Nominated Subcontractors").

24.2 The Applicant shall not propose to subcontract the whole of the contract. The Applicant may propose subcontractors for certain specialized parts of the contract. Applicants planning to use such specialized **subcontractors** shall specify, in the Application Submission Letter, the parts of the contract proposed to be subcontracted along with details of the proposed **subcontractors** including their qualification and experience.

F. Evaluation of Applications and Initial Selection of Applicants

25. Evaluation of Applications

25.1 The Purchaser shall use the factors, methods, criteria, and requirements defined in Section III, Initial Selection Criteria and Requirements and the ISDS, to evaluate the qualifications of the Applicants, and no other factors, methods, criteria, or requirements shall be used. The Purchaser reserves the right to waive minor deviations from the qualification criteria if they do not materially

affect the technical capability and financial resources of an Applicant to perform the Contract.

25.2 Subcontractors proposed by the Applicant shall be fully qualified for their parts of the contract. The subcontractor's qualifications shall not be used by the Applicant to qualify for the contract unless the applicant designates them as Specialized Subcontractors, in which case, the qualifications of the Specialized Subcontractor proposed by the Applicant may be added to the qualifications of the Applicant for the purpose of the evaluation, if specified in ISDS.

25.3 In case of multiple contracts, Applicants should indicate in their Applications the individual contract or combination of contracts in which they are interested. The Purchaser shall initially select each Applicant for the maximum combination of contracts for which the Applicant has thereby indicated its interest and for which the Applicant meets the appropriate aggregate requirements specified in Section III - Initial Selection Criteria and Requirements.

25.4 Only the qualifications of the Applicant shall be considered. The qualifications of other firms, including the Applicant's subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors in accordance with ITA 25.2 above) or any other firm(s) different from the Applicant shall not be considered.

26. Purchaser's Right to Accept or Reject Applicants

26.1 The Purchaser reserves the right to accept or reject any Application, and to annul the Initial Selection process and reject all Applicants at any time, without thereby incurring any liability to the Applicants.

27. Initial Selection of Applicants

27.1 The range of Applicants that the Purchaser may Initially Select (x = minimum number, y = maximum number) is specified in the ISDS.

27.2 The Selection of Applicants involves several steps, as follows:

- i. **Step 1 - Table 1 Evaluation:** The first step of Initial Selection involves evaluation against the methods, criteria and requirements described in Section III, Table 1: Qualification Criteria and Requirements;

- ii. **Step 2 - Rejection:** Applicants that do not substantially meet the qualification criteria and requirements in Table 1: Qualification Criteria and Requirements will not be evaluated further, and will be eliminated from the Initial Selection process;
- iii. **Step 3 - Long List:** Applicants that substantially meet the qualification criteria and requirements in Table 1: Qualification Criteria and Requirements are long listed, and will be evaluated further;
- iv. **Step 4 -** Depending on the number of Applicants that are long listed, one of the following options will apply:
 - Option 1: All are Initially Selected:** Where the number of long listed Applicants is $\leq x$, all long listed Applicants are Initially Selected. In this scenario, there is no requirement to evaluate these long listed Applicants against Table 2: Rated Criteria and Requirements;
 - Option 2: Applicants are evaluated using Table 2 Evaluation:** Where the number of long listed Applicants is $> x$, the Purchaser shall evaluate all long listed Applicants against Table 2: Rated Criteria and Requirements. This evaluation method involves scoring each Application against rated criteria using the scoring methodology described;
- v. **Step 5 - Rank Applicants:** The total scores, from this step of the Initial Selection evaluation, for each long-listed Applicant are compared, and the Applicants are ranked from the highest to the lowest total score;
- vi. **Step 6 - Initial Selection up to x:** In accordance with the values selected by the Purchaser for x and y , the Purchaser Initially Selects the Applicants that are ranked from the highest score, to the Application ranked as x .;
- vii. **Step 7 - Reject $y+1$ Applicants:** Where the number of long listed Applicants is $> y$, the

Purchaser rejects all Applicants that are ranked greater than **y**, i.e. ranked as **y+1**, **y+2**, **y+3**, etc.;

- viii. **Step 8 - Optional, at the Purchaser's Discretion:** Ranked Applicants which are greater than **x**, up to, and including **y**, are not normally Initially Selected. However, the Purchaser may, at its sole discretion, if justified, Initially Selected or more additional Applicants(s) from those that are ranked **x+1**, up to and including **y**. This Initial Selection will follow the order of ranking (i.e. the Purchaser cannot Initially Select **x+2**, without Initially Selecting **x+1**).

28. Notification of Initial Selection

- 28.1 The Purchaser shall notify all Applicants in writing of the names of those Applicants who have been initially selected. In addition, those Applicants who have been disqualified will be informed separately.
- 28.2 Applicants that have not been initially selected may write to the Purchaser to request, in writing, the grounds on which they were disqualified.

29. Request for Proposals

- 29.1 Promptly after the notification of the results of the Initial Selection, the Purchaser shall invite Proposals from all the Applicants that have been initially selected.
- 29.2 Proposers may be required to provide a Proposal Security or a Proposal-Securing Declaration acceptable to the Purchaser in the form and an amount to be specified in the RFP Document, and the successful Proposer shall be required to provide a Performance Security as specified in the RFP Document.
- 29.3 Proposers shall be required to provide a Code of Conduct which will apply to their and sub-contractors' personnel that includes the minimum requirements specified in the RFP Document.
- 29.4 If required in the RFP documents, the successful Proposer shall provide additional information about its beneficial ownership using the Beneficial Ownership Disclosure Form included in the RFP document.
- 29.5 Prior to Contract award, the Purchaser will verify that the successful Proposer (including each member of a JV) is not disqualified by the Bank due to noncompliance with contractual SEA/SH prevention and response

obligations. The Purchaser will conduct the same verification for each subcontractor proposed by the successful Proposer. If any proposed subcontractor does not meet the requirement, the Purchaser will require the Proposer to propose a replacement subcontractor

30. Changes in Qualifications of Applicants

30.1 Any change in the structure or formation of an Applicant after being initially selected in accordance with ITA 27 and invited to submit Proposal (including, in the case of a JV, any change in the structure or formation of any member and also including any change in any specialized subcontractor) shall be subject to the written approval of the Purchaser prior to the deadline for submission of Proposals. Such approval shall be denied if (i) an initially selected applicant proposes to associate with a disqualified applicant or in case of a disqualified joint venture, any of its members; (ii) as a consequence of the change, the Applicant no longer substantially meets the qualification criteria set forth in Section III - Initial Selection Criteria and Requirements Table 1- Qualification Criteria, and Requirements; or (iii) no longer continues to be in the list of Initially Selected Applicants as a result of the Purchaser's re-evaluation of the Application in accordance with ITA 27; or (iv) in the opinion of the Purchaser, the change may result in a substantial reduction in competition. Any such change should be submitted to the Purchaser not later than fourteen (14) days after the date of the Request for Proposals.

31. Procurement Related Complaint

31.1 The procedures for making a Procurement-related Complaint are as specified in the ISDS.

Section II - Initial Selection Data Sheet (ISDS)

| A. General | |
|--|--|
| ITA 1.1 | <p>The identification of the Invitation for Initial Selection is: TZ-DART-476217-GO-RFP</p> <p>The Purchaser is: DAR RAPID TRANSIT AGENCY</p> <p>The list of contracts is: TZ-DART-476217-GO-RFP for Design, Supply and Installation of the BRT Management System, Traffic Management Systems, and ICT Infrastructure for Dart Phase I Corridor</p> |
| ITA 2.1 | <p>The Borrower is: DART</p> <p>Loan or Financing Agreement amount: USD 426,765,840</p> <p>The name of the Project is: Dar es Salaam Urban Transport Improvement Project [DUTP]</p> |
| ITA 4.2 | Maximum number of members in the JV shall be: three (3) |
| ITA 4.8 | A list of debarred firms and individuals is available on the Bank's external website: http://www.worldbank.org/debarr . |
| B. Contents of the Initial Selection Document | |
| ITA 7.1 | <p>For clarification purposes, the Purchaser's address is:</p> <p>Attention: Head of Procurement Unit – [HPMU]</p> <p>Street Address: DAR RAPID TRANSIT AGENCY, MOROGORO ROAD, UBUNGO MAJI, P. BOX 724, DAR ES SALAAM</p> <p>City: DAR ES SALAAM</p> <p>ZIP Code: Box 724</p> <p>Country: UNITED REPUBLIC OF TANZANIA</p> <p>Telephone:</p> <p>Electronic mail address: secretary.tenderboard@dart.go.tz</p> |
| ITA 7.1 & 8.2 | Web page : https://www.dart.go.tz |
| ITA 7.2 | Pre-Application Meeting will NOT be held |
| C. Preparation of Applications | |

| | |
|--------------------------------------|--|
| ITA 10.1 | This Initial Selection document has been issued in the English language. All correspondence exchange shall be in English language. The Application as well as all correspondence shall be submitted in English . Language for translation of supporting documents and printed literature is English |
| ITA 11.1 (d) | The Applicant shall submit with its Application, the following additional documents: Evidence of payment receipt |
| ITA 14.2 | The source for determining exchange rates is the Bank of Tanzania |
| ITA 15.2 | In addition to the original, the number of copies to be submitted with the Application is: Not Applicable |
| D. Submission of Applications | |
| ITA 17.1 | <p>The deadline for Application submission is: Date: April 9, 2025 Time: 10.00 hours Local Time</p> <p>For Application submission purposes only, the Purchaser's address is: Attention: Head of Procurement Unit – [HPMU] Street Address: DAR RAPID TRANSIT AGENCY, MOROGORO ROAD, UBUNGO MAJI, P. BOX 724, DAR ES SALAAM City: DAR ES SALAAM Country: UNITED REPUBLIC OF TANZANIA Email address: secretary.tenderboard@dart.go.tz</p> <p>The Applicant shall submit the following documents:</p> <ul style="list-style-type: none"> – A hard copy of the whole Application (optional). – Four (4) USB flash drives, with each USB flash drive containing a complete set of the submitted documents in PDF format not picture. <p>Applicants shall have the option of submitting their Applications electronically. Applications submitted electronically shall be in PDF format with an electronic signature by an applicant’s representative with sufficient authority. The application documents shall be sent to the email address stated above.</p> |
| ITA 18.1 | Late Applications may not be considered for evaluation. |
| ITA 19.1 | The opening of the Applications shall be at DART conference room, April 9, 2025 |

| | |
|---|--|
| <p>ITA 19.2</p> | <p>The electronic Application opening procedures shall be:</p> <p>Applicants shall submit their Applications by email with password protected read-only Applications/documents as attachments. The email address for submission is secretary.tenderboard@dart.go.tz</p> <p>DART will confirm the receipt of each Application. Copies of certain documents such as Letter of Application Submission and Power of Attorney will be treated as if they are originals.</p> <p>The electronic, password-protected, read-only document shall be submitted by email, and the opening procedures are as follows:</p> <p>Within thirty (30) minutes after the Application submission deadline, Applicants shall send the password of their password protected Applications to the email address specified above.</p> |
| <p>E. Procedures for Evaluation of Applications</p> | |
| <p>ITA 24.1</p> | <p>At this time the Purchaser does not intend to execute certain specific parts of the contract by sub-contractors selected in advance.</p> |
| <p>F. Evaluation of Applications and Initial Selection of Applicants</p> | |
| <p>ITA 25.2</p> | <p>The relevant qualifications of the proposed Specialized Subcontractors will be added to the qualifications of the Applicant for the purpose of evaluation as indicated in Section III - Initial Selection Criteria and Requirements.</p> |
| <p>ITA 27.1</p> | <p>Initial Selection – minimum number (x)</p> <p>The Purchaser intends to Initially Select the following number of long listed Applications: four (4). This number is referred to as x, and is the minimum number to be Initially Selected.</p> <p>Initial Selection – maximum number (y)</p> <p>The Purchaser may, at its sole discretion, Initially Select more than the minimum number of long listed Applications. The maximum number that may be Initially Selected is eight (8). This number is referred to as y.</p> |
| <p>ITA 31.1</p> | <p>The procedures for making a Procurement-related Complaint are detailed in the “Procurement Regulations for IPF Borrowers (Annex III).” If an Applicant wishes to make a Procurement-related Complaint, the Applicant should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to:</p> <p>For the attention: ATHMANI KIHAMIA,</p> <p>Title/position: CHIEF EXECUTIVE</p> <p>Employer: DART</p> |

| | |
|--|---|
| | <p>Email address: info@dart.go.tz.</p> <p>In summary, at this stage, a Procurement-related Complaint may challenge any of the following:</p> <ol style="list-style-type: none">1. the terms of the Initial Selection Document; and2. the Purchaser's decision not to initially select an Applicant. |
|--|---|

Section III - Initial Selection Criteria and Requirements

This section contains all the methods, criteria, and requirements that the Purchaser shall use to evaluate Applications. The information to be provided in relation to each requirement and the definitions of the corresponding terms are included in the respective Application Forms.

Contents

Definitions

TOS (Transit Operation System)

It is the system used to track and monitor vehicles in real-time. This kind of system is also known as Computer-Aided Dispatch Systems (CAD/AVL). It includes a combination of hardware and software components designed to improve the efficiency, safety, and reliability of vehicle operations. Key features and functions of a TOS:

- Real-Time Tracking: The system uses GPS technology to provide real-time location data of vehicles. This allows fleet managers to know the exact position of each vehicle at any given time.
- Compliance and Safety: The system allows monitoring the adherence to bus service headways and schedules. It also enables monitoring that vehicles comply with regulatory requirements, such as hours of service for drivers and speed limits. It can also enhance safety by monitoring driving behavior and providing alerts for actions like harsh braking or acceleration.
- Data Collection and Reporting: The system collects various data points such as speed, fuel consumption, engine status, and driving behavior. This data can be used to generate reports for analysis and decision-making.
- Vehicle Diagnostics: The system can monitor the health of the vehicle by checking parameters like engine performance, tire pressure, and battery status. This helps in preventive maintenance and reduces the risk of breakdowns.
- Communication: The system includes communication tools that allow drivers and fleet managers to exchange information easily. This can include messages about route changes, delivery instructions, or emergency alerts.
- Geofencing: The systems can create virtual boundaries (geofences) around specific areas. When a vehicle enters or exits these areas, the system can trigger notifications or actions, such as updating delivery status or alerting security.
- Integration with the upper-level monitoring platform BMS (BRT Monitoring system).

The TOS for BRT Phase I is outside the scope of the work covered by this contract.

FMS (Fleet Management System)

Fleet Management System is a comprehensive service dedicated to the efficient planning and execution of the BRT system. The service takes charge of organizing the fleet of buses, strategically managing those in operation and those scheduled for maintenance on any given service day before its commencement. Moreover, Fleet Management plays a pivotal role in organizing and coordinating the schedule of drivers who will be operating during the service, ensuring a seamless and well-coordinated transportation experience for passengers.

The FMS for BRT Phase I is outside the scope of the work covered by this contract.

BMS (BRT Monitoring System)

The Bus Monitoring System (BMS) is the central system used to monitor the operations of all the DART BRT phases by integrating the information from the TOSs of the different operators in the DART transit system. It plays a pivotal role in the governmental transport control centre (BMC). Its complexity and strategic functionalities allow for comprehensive monitoring of the BRT service, as well as meticulous verification of Key Performance Indicators (KPIs).

The BMS collects, through the communication interfaces implemented in the TOS systems of each transport operator, operational information to meet the following requirements:

- i. Recording general information provided by different transport operators, which includes the following data blocks:
 - a. Transport Network Topology
 - b. Service Planning
 - c. Real-Time Information
 - d. Operation Incidents
 - e. Status Information and Alarms/Faults
- ii. Recording detailed information, in the case of incidents, at the level of service and vehicle tracking (location).
- iii. Sending information to the rest of the BMC applications for representation and processing, both in real-time and historical, including but not limited to:
 - a. Operation Manager, which coordinates:
 - o Incidents and Service Disruptions
 - o Alarms and faults
 - b. Intermodal Graphic Supervisor, which represents all recorded information:
 - o Real-Time Monitoring
 - o Historical Monitoring
 - o Queries
 - c. Dashboard, which by registering all real-time and historical information allows:
 - o Improved decision-making for incident management
 - o Calculation of various parameters

The BMS for BRT Phase I is a significant part of the scope of the work covered by this contract.

Traffic Management Systems (TMS)

The Traffic Management Systems along the corridor encompasses road equipment such as Dynamic Message Signs, Lane Control Signs, Traffic Detection, BRT Lanes Enforcement system, and Traffic Signal Control System, and all the hardware and software components at the Traffic Management Center to operate all the subsystems in a centralized

manner. The central system (primary and disaster recovery) will be hosted on the National Data Centre and e-Government authority Data Centre.

The Contractor shall define and establish a comprehensive backup and disaster recovery strategy. This strategy should include redundant power and network connectivity, as well as failover mechanisms, to meet the Client's requirements for recovery time objectives (RTO) and recovery point objectives (RPO) in the event of system failures.

Communication Infrastructure

The communication infrastructure consists of the fiber optic backbone network along the corridor, local access networks connecting all end devices in the field to the backbone fiber optic network, and the hardware and software components at the Operating Control Center (OCC) for managing communications.

The Scope of Work for the Communication Infrastructure does not include the trenches, conduits, manholes, and other ancillary civil works required for installing the communication cables. However, it will include tasks such as:

- Termination of fiber at BRT stations, terminals, OCC, and Depot.
- Connection to ITS systems and field devices.
- Supply of fiber equipment.
- Splicing and testing of fiber installations.
- Site Surveys and Assessments: Conducting detailed site surveys to assess the existing infrastructure and plan the fiber installation.
- Permitting and Approvals: Obtaining necessary permits and approvals from local authorities and stakeholders.
- Cable Pulling and Laying: Pulling and laying fiber optic cables.
- Network Design and Planning: Detailed design and planning of the fiber network layout.
- Integration with Existing Systems: Ensuring seamless integration with existing communication and ITS systems.
- Documentation and Reporting: Providing detailed documentation and regular progress reports.
- Training and Support: Offering training sessions for staff on the new systems and ongoing support.

Table 1 – Qualification Criteria and Requirements

[Only applications that are substantially responsive to the qualification criteria and requirements in Table 1 are to be assessed against Table 2, Rated Criteria and Requirements.]

1. Eligibility

| Criteria | | | Single Entity Requirements | Joint Venture Requirements | | | Documentation |
|----------|--|--|----------------------------|----------------------------|-----------------------|------------|---|
| No. | Subject | Requirement | | All Members Combined | Each Member | One Member | Submission Requirements |
| 1.1 | Nationality | Nationality in accordance with ITA 4.5 | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Forms ELI – 1.1 and 1.2, with attachments |
| 1.2 | Conflict of Interest | No conflicts of interest in accordance with ITA 4.6 | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Application Submission Letter |
| 1.3 | Bank Eligibility | Not having been declared ineligible by the Bank, as described in ITA 4.7 and 5.1 | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Application Submission Letter |
| 1.4 | United Nations resolution or Borrower's country law | Not having been excluded as a result of prohibition in the Borrower's country laws or official regulations against commercial relations with the Applicant's country, or by an act of compliance with UN Security Council resolution, both in accordance with ITA 5.1 and Section V. | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Forms ELI – 1.1 and 1.2, with attachments |

2. Historical Contract Non-Performance

| Criteria | | | Single Entity Requirements | Joint Venture | | | Documentation |
|----------|---|---|------------------------------------|------------------------|------------------------------------|------------|--------------------------------|
| No. | Subject | Requirement | | All Members Combined | Each Member | One Member | Submission Requirements |
| 2.1 | History of Non-Performing Contracts | Non-performance of a contract did not occur as a result of Supplier's default since 1 st January 2020. | Must meet requirement ¹ | Must meet requirements | Must meet requirement ¹ | N/A | Form CON-2 |
| 2.2 | Suspension Based on Execution of a Bid or Proposal Securing Declaration by the Purchaser | Not under suspension based on execution of Bid or Proposal Securing Declaration pursuant to ITA 4.10. | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Application Submission Letter |
| 2.3 | Pending Litigation | Applicant's financial position and prospective long-term profitability still sound according to criteria established in 3.1 below and assuming that all pending litigation will be resolved against the Applicant | Must meet requirement | N/A | Must meet requirement | N/A | Form CON – 2 |
| 2.4 | Litigation History | No consistent history of court/arbitral award decisions against the Applicant ² since 1 st January 2020. | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Form CON – 2 |
| 2.5 | Bank's SEA and/or SH | At the time of Contract Award, not subject to disqualification by the Bank | Must meet requirement | N/A | Must meet requirement | N/A | Application Submission Letter, |

¹ This requirement also applies to contracts executed by the Applicant as JV member.

² The Applicant shall provide accurate information on the related Application Form about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the last five years. A consistent history of awards against the Applicant or any member of a joint venture may result in rejection of the Application.

| Criteria | | | Single Entity Requirements | Joint Venture | | | Documentation |
|----------|-------------------------|---|----------------------------|----------------------|--|------------|-------------------------|
| No. | Subject | Requirement | | All Members Combined | Each Member | One Member | Submission Requirements |
| | Disqualification | for non-compliance with SEA/ SH obligations | | | (including each subcontractor proposed by the Applicant) | | Form CON-3 |

3. Financial Situation and Performance

| Criteria | | | Single Entity Requirements | Joint Venture Requirements | | | Documentation |
|----------|-------------------------------|---|----------------------------|----------------------------|-------------|------------|----------------------------------|
| No. | Subject | Requirement | | All Members Combined | Each Member | One Member | Submission Requirements |
| 3.1 | Financial Capabilities | <p>i. The Applicant shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the cash flow requirements estimated as \$ 4,000,000.00 USD for the subject contract(s) net of the Applicants other commitments.</p> <p>ii. The Applicant shall also demonstrate, to the satisfaction of the Purchaser, that it has adequate sources of finance to meet the</p> | Must meet requirement | Must meet requirement | NA | N/A | Form FIN – 3.1, with attachments |

| Criteria | | | Single Entity Requirements | Joint Venture Requirements | | | Documentation |
|----------|--------------------------------|--|----------------------------|----------------------------|--|--|-------------------------|
| No. | Subject | Requirement | | All Members Combined | Each Member | One Member | Submission Requirements |
| | | cash flow requirements on contracts currently in progress and for future contract commitments iii. The audited balance sheets or, if not required by the laws of the Applicant’s country, other financial statements acceptable to the Purchaser, for the last five (05) years: (2024, 2023, 2022, 2021, 2020) shall be submitted and must demonstrate the current soundness of the Applicant’s financial position and indicate its prospective long-term profitability. | | | | | |
| 3.2 | Average Annual Turnover | Minimum average annual turnover in Information Systems Design, and/or Supply and/or Installation of \$11,000,000.00 USD , calculated as total certified payments received for contracts in progress and/or completed within the last five (05) years: (2024, 2023, 2022, 2021, 2020) | Must meet requirement | Must meet requirement | Must meet twenty-five percent (25%) of the requirement | Must meet fifty percent (50%) of the requirement | Form FIN – 3.2 |

4. Experience

| Criteria | | | Single Entity Requirements | Joint Venture Requirements | | | Documentation |
|----------|--------------------|--|----------------------------|----------------------------|-------------|------------|-------------------------|
| No. | Subject | Requirement | | All Members Combined | Each Member | One Member | Submission Requirements |
| 4.1 | General Experience | <p>Experience in Information Systems Design, and/or Supply and/or Installation contracts in the role of prime contractor, JV member, subcontractor, or management contractor for at least the last 7 years, starting 1st January 2018.</p> <p>Experience in the following areas:</p> <ul style="list-style-type: none"> - Implementation of Intelligent Transport Systems for mass transit/bus operations and management, bus infrastructure and related traffic control, monitoring and security, and passenger information systems, - Implementation of Traffic Management Systems, - Implementation of fiber optic networks. | Must meet requirement | Must meet requirement | N/A | N/A | Form EXP – 4.1 |

| | | | | | | | |
|--------------------|-----------------------------------|--|------------------------------|--|------------|------------|---------------------|
| <p>4.2 (a)</p> | <p>Specific Experience</p> | <p>Transit Management Systems A minimum number of two (02) similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture members, management contractor or subcontractor between 1st January 2018 and Application submission deadline. Similar contracts should be understood as those that meet the following conditions: a) Contracts with a value of at least \$2,000,000.00 USD. b) The scope includes the implementation of ITMS, TMC, BMS, and interfaced with TOS, FMS, Passenger Information systems and MPLS network, at least in public transport, telecommunication companies, or related areas, according to the definitions given in first part of Section III. c) The systems should have been implemented in fleets of at least 50 buses. Traffic Management Systems. A minimum number of At least two (02) similar contracts specified below that have been satisfactorily and substantially completed as a prime</p> | <p>Must meet requirement</p> | <p>Must meet requirement³</p> | <p>N/A</p> | <p>N/A</p> | <p>Form EXP 4.2</p> |
|--------------------|-----------------------------------|--|------------------------------|--|------------|------------|---------------------|

³ In the case of JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each contract performed by each member shall satisfy the minimum value of a single contract as required for single entity. In determining whether the JV meets the requirement of total number of contracts, only the number of contracts completed by all members each of value equal or more than the minimum value required shall be aggregated.

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| | | <p>contractor, joint venture members, management contractor or subcontractor between 1st January 2018 and Application submission deadline Similar contracts should be understood as those that meet the following conditions:</p> <p>a) Contracts with a value of at least \$2,000,000.00 USD.</p> <p>b) The scope includes the implementation of one or more of the following subsystems:</p> <ul style="list-style-type: none"> a. Advanced Traffic Management System (ATMS). b. Security and Surveillance System c. Incident Management System d. Traffic Cameras. e. Traffic Detectors. f. Traffic Enforcement (speed, weight, red light, etc.) g. Traffic Signals. h. Variable Message Signs. i. Weather Stations. <p>ICT Infrastructure.</p> <p>A minimum number of At least two (02) similar contracts specified below that have been satisfactorily and</p> | | | | | |
|--|--|---|--|--|--|--|--|

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| | | <p>substantially completed as a prime contractor, joint venture members, management contractor or subcontractor between 1st January 2018 and Application submission deadline. Similar contracts should be understood as those that meet the following conditions:</p> <ul style="list-style-type: none"> a) Contracts with a value of at least 700,000.00 USD. b) Implementation of Fiber Optic MPLS networks. <p>Integration of Transit, Traffic and ICT systems.</p> <p>A minimum number of At least two (02) similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture members, management contractor or subcontractor between 1st January 2018 and Application submission deadline. Similar contracts should be understood as those that meet the following conditions:</p> <ul style="list-style-type: none"> a) Contracts with a value of at least 1,000,000.00 USD. b) Contracts in which the Integrator has carried out integrations of Transit, Traffic, and Communication Infrastructures | | | | | |
|--|--|---|--|--|--|--|--|

Table 2 – Rated Criteria and Requirements

[Only applications that are substantially responsive to the qualification criteria and requirements in Table 1 are to be assessed against Table 2, Rated Criteria and Requirements]

1. Past Performance

| Requirement | Scoring | | Documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------------|--------------------------|--------------------------|------------------------|------------------------------------|----|----|----|---|------------------------------------|----|----|----|---|----------------------------|----|----|---|---|--|----|----|----|---|------------------|--------------|-------------|-------------|------------|-----------|--|--------------|
| | Maximum score | Remark | Submission Requirement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Number of similar contracts</p> <p>1. Similar to the Requirements (Reference Table 1, 4.2a); and</p> <p>2. Completed during the past seven (7) years.</p> <p>Scoring methodology:</p> <table border="1"> <thead> <tr> <th>Number of satisfactorily and substantially completed similar contracts</th> <th><=8 Specific Experiences</th> <th><=5 Specific Experiences</th> <th><=3 Specific Experiences</th> <th>2 Specific Experiences</th> </tr> </thead> <tbody> <tr> <td>Transit Management Systems.</td> <td>30</td> <td>20</td> <td>10</td> <td>0</td> </tr> <tr> <td>Traffic Management Systems.</td> <td>30</td> <td>20</td> <td>10</td> <td>0</td> </tr> <tr> <td>ICT Infrastructure.</td> <td>15</td> <td>10</td> <td>5</td> <td>0</td> </tr> <tr> <td>Integration of Transit, Traffic and ICT systems</td> <td>25</td> <td>20</td> <td>10</td> <td>0</td> </tr> <tr> <td style="text-align: right;">Weighting</td> <td>[100]</td> <td>[70]</td> <td>[35]</td> <td>[0]</td> </tr> </tbody> </table> | Number of satisfactorily and substantially completed similar contracts | <=8 Specific Experiences | <=5 Specific Experiences | <=3 Specific Experiences | 2 Specific Experiences | Transit Management Systems. | 30 | 20 | 10 | 0 | Traffic Management Systems. | 30 | 20 | 10 | 0 | ICT Infrastructure. | 15 | 10 | 5 | 0 | Integration of Transit, Traffic and ICT systems | 25 | 20 | 10 | 0 | Weighting | [100] | [70] | [35] | [0] | 60 | In case of JV, all members combined will be evaluated. | Form EXP 4.2 |
| Number of satisfactorily and substantially completed similar contracts | <=8 Specific Experiences | <=5 Specific Experiences | <=3 Specific Experiences | 2 Specific Experiences | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Transit Management Systems. | 30 | 20 | 10 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Traffic Management Systems. | 30 | 20 | 10 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICT Infrastructure. | 15 | 10 | 5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Integration of Transit, Traffic and ICT systems | 25 | 20 | 10 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weighting | [100] | [70] | [35] | [0] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

2. Contract/Project Management Capability

| Criteria | | | | | Scoring | | Documentation | | | | | | | | | | |
|---|-----------------|----------------|---------------|------------|---------------|--|------------------------|---|----------------|------------|------------|------------|----------------------|-----------------|----------------|---------------|------------|
| Requirement | | | | | Maximum score | Remark | Submission Requirement | | | | | | | | | | |
| Contract/project management capability demonstrated in the following key areas: <ol style="list-style-type: none"> 1. Description of project management system/s and how they will be applied (including status of accreditation with recognized international standards applicable to the industry) (20-pages limit), 2. Health and safety management practice (10-pages limit), and 3. Use of value Engineering, innovation and continuous improvement (10-pages limit). Scoring methodology: | | | | | 10 | In case of JV, the capability of the lead member will be evaluated | Table 2-PM | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Key areas: <i>[Number and extent of key areas demonstrated.]</i></td> <td style="width: 12.5%; text-align: center;"><i>[all 3]</i></td> <td style="width: 12.5%; text-align: center;"><i>[2]</i></td> <td style="width: 12.5%; text-align: center;"><i>[1]</i></td> <td style="width: 12.5%; text-align: center;"><i>[0]</i></td> </tr> <tr> <td style="text-align: right;">Initial score</td> <td style="text-align: center;">[67-100]</td> <td style="text-align: center;">[34-66]</td> <td style="text-align: center;">[1-33]</td> <td style="text-align: center;">[0]</td> </tr> </table> | | | | | | | | Key areas: <i>[Number and extent of key areas demonstrated.]</i> | <i>[all 3]</i> | <i>[2]</i> | <i>[1]</i> | <i>[0]</i> | Initial score | [67-100] | [34-66] | [1-33] | [0] |
| Key areas: <i>[Number and extent of key areas demonstrated.]</i> | <i>[all 3]</i> | <i>[2]</i> | <i>[1]</i> | <i>[0]</i> | | | | | | | | | | | | | |
| Initial score | [67-100] | [34-66] | [1-33] | [0] | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

3. Purchaser’s Requirements

| Criteria | Scoring | | Documentation | | | | | | | | | | |
|---|---|----------------|------------------------|------------|-----|----------------------|-----------------|----------------|---------------|------------|----|--|------------|
| Requirement | Maximum score | Remark | Submission Requirement | | | | | | | | | | |
| <p>Demonstrate an understanding of the Employer’s Requirements.</p> <p>Key aspects to be addressed are:</p> <ol style="list-style-type: none"> 1. approach to the contract. 2. preliminary timeline/delivery schedule. 3. risk identification. <p>[20-pages limit on each of the responses]</p> <p>Scoring methodology:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Key aspects: <i>[Number and extent of key areas demonstrated.]</i></td> <td style="width: 10%; text-align: center;"><i>[all 3]</i></td> <td style="width: 10%; text-align: center;">[2]</td> <td style="width: 10%; text-align: center;">[1]</td> <td style="width: 10%; text-align: center;">[0]</td> </tr> <tr> <td style="text-align: right;">Initial score</td> <td style="text-align: center;">[67-100]</td> <td style="text-align: center;">[34-66]</td> <td style="text-align: center;">[1-33]</td> <td style="text-align: center;">[0]</td> </tr> </table> | Key aspects: <i>[Number and extent of key areas demonstrated.]</i> | <i>[all 3]</i> | [2] | [1] | [0] | Initial score | [67-100] | [34-66] | [1-33] | [0] | 25 | | Table 2-ER |
| Key aspects: <i>[Number and extent of key areas demonstrated.]</i> | <i>[all 3]</i> | [2] | [1] | [0] | | | | | | | | | |
| Initial score | [67-100] | [34-66] | [1-33] | [0] | | | | | | | | | |

4. Cyber Security

| Criteria | | | | Scoring | | Documentation | | | | | | | | |
|---|-----------------|---------------|------------|---|----------------|------------------------|------------|----------------------|-----------------|---------------|------------|----------|---|------------|
| Requirement | | | | Maximum score | Remark | Submission Requirement | | | | | | | | |
| Cyber Security practice and track record shall be demonstrated through: <ol style="list-style-type: none"> Cyber Security risk management practice and track record. Relevant Cyber security accreditation such as ISO 27000 (ISO 27001) or equivalent. <p>Scoring methodology:</p> <table border="1"> <tr> <td>Key aspects: <i>[Number and extent of key areas demonstrated.]</i></td> <td><i>[all 2]</i></td> <td><i>[1]</i></td> <td><i>[0]</i></td> </tr> <tr> <td>Initial score</td> <td>[51-100]</td> <td>[1-50]</td> <td>[0]</td> </tr> </table> | | | | Key aspects: <i>[Number and extent of key areas demonstrated.]</i> | <i>[all 2]</i> | <i>[1]</i> | <i>[0]</i> | Initial score | [51-100] | [1-50] | [0] | 5 | In case of JV, at least one member will be evaluated. | Table 2-CS |
| Key aspects: <i>[Number and extent of key areas demonstrated.]</i> | <i>[all 2]</i> | <i>[1]</i> | <i>[0]</i> | | | | | | | | | | | |
| Initial score | [51-100] | [1-50] | [0] | | | | | | | | | | | |

Section IV - Application Forms

Table of Forms

A

Application Submission Letter

Date: *[insert day, month,
and year]*

ISD No. and title: *[insert ISD number and
title]*

To: *[insert full name of Purchaser]*

We, the undersigned, apply to be initially selected for the referenced Request for Proposal (RFP) and declare that:

- (a) **No reservations:** We have examined and have no reservations to the Initial Selection **Document**, including Addendum(s) No(s), issued in accordance with ITA 8: *[insert the number and issuing date of each addendum]*.
- (b) **No conflict of interest:** We have no conflict of interest in accordance with ITA 4.6;
- (c) **Eligibility:** We (and our subcontractors) meet the eligibility requirements as stated in ITA 4, we have not been suspended by the Purchaser based on execution of a Bid-Securing Declaration or Proposal-Securing Declaration in accordance with ITA 4.10;
- (d) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by *any* entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Purchaser's country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (e) **Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment (SH):** *[select the appropriate option from (i) to (iii) below and delete the others]*.

We *[where JV, insert: "including any of our JV members"]*, and any of our subcontractors:

- (i) *[have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*
- (ii) *[are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*

(iii) [had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.]

(f) **State-owned enterprise or institution:** *[select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITA 4.9];*

(g) (f)**Subcontractors and Specialized Subcontractors:** We, in accordance with ITA 24.2 and 25.2, *plan* to subcontract the following parts of the contract:

[Insert any part of the contract which the Applicant intends to subcontract along with complete details of the Specialized Subcontractors, their qualification and experience]

(h) (g)**Commissions, gratuities, fees:** We declare that the following commissions, gratuities, or fees have been paid or are to be paid with respect to the Initial Selection process, the corresponding RFP process or execution of the Contract:

| <u>Name of Recipient</u> | <u>Address</u> | <u>Reason</u> | <u>Amount</u> |
|---|---|--------------------------|--|
| <i>[insert full name for each occurrence]</i> | <i>[insert street/ number/city/country]</i> | <i>[indicate reason]</i> | <i>[specify amount currency, value, exchange rate and US\$ equivalent]</i> |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

[If no payments are made or promised, add the following statement: “No commissions or gratuities have been or are to be paid by us to agents or any third party relating to this Application]

(i) **Not bound to accept:** We understand that you may cancel the Initial Selection process at any time and that you are neither bound to accept any Application that you may receive nor to invite the initially *selected* Applicants to submit Proposal for the contract subject of this Initial selection process, without incurring any liability to the Applicants, in accordance with ITA 26.1.

(j) **True and correct:** All information, statements and description contained in the Application are in all respect true, correct *and* complete to the best of our knowledge and belief.

Signed *[insert signature(s) of an authorized representative(s) of the Applicant]*

Name *[insert full name of person signing the Application]*

In the capacity of *[insert capacity of person signing the Application]*

Duly authorized to sign the Application for and on behalf of:

Applicant's Name *[insert full name of Applicant or the name of the JV]*

Address *[insert street number/town or city/country address]*

Dated on *[insert day number]* day of *[insert month]*, *[insert year]*

[For a joint venture, either all members shall sign or only the authorized representative, in which case the power of attorney to sign on behalf of all members shall be attached]

Form ELI -1.1

Applicant Information Form

Date: *[insert day, month, year]*

ISD No. and title: *[insert ISD number and title]*

Page *[insert page number]* of *[insert total number]* pages

| |
|--|
| Applicant's name <i>[insert full name]</i> |
| In case of Joint Venture (JV), name of each member: <i>[insert full name of each member in JV]</i> |
| Applicant's actual or intended country of registration: <i>[indicate country of Constitution]</i> |
| Applicant's actual or intended year of incorporation: <i>[indicate year of Constitution]</i> |
| Applicant's legal address [in country of registration]: <i>[insert street/ number/ town or city/ country]</i> |
| Applicant's authorized representative information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate e-mail address]</i> |
| 1. Attached are copies of original documents of <ul style="list-style-type: none"> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITA 4.5. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITA 4.2. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITA 4.9 documents establishing: <ul style="list-style-type: none"> • Legal and financial autonomy • Operation under commercial law • Establishing that the Applicant is not under supervision of the Purchaser |
| 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. |

Form ELI -1.2

Applicant's JV Information Form

[The following form is additional to Form ELI – 1.1., and shall be completed to provide information relating to each JV member (in case the Applicant is a JV) as well as any Specialized Subcontractor proposed to be used by the Applicant for any part of the Contract resulting from this Initial Selection]

Date: *[insert day, month, year]*

ISD No. and title: *[insert ISD number and title]*

Page *[insert page number]* of *[insert total number]* pages

| |
|---|
| Applicant name: <i>[insert full name]</i> |
| Applicant's JV Member's name: <i>[insert full name of Applicant's JV Member]</i> |
| Applicant's JV Member's country of registration: <i>[indicate country of registration]</i> |
| Applicant JV Member's year of constitution: <i>[indicate year of constitution]</i> |
| Applicant JV Member's legal address in country of constitution: <i>[insert street/ number/ town or city/ country]</i> |
| Applicant JV Member's authorized representative information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate e-mail address]</i> |
| 1. Attached are copies of original documents of <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITA 4.5. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and they are not under the supervision of the Purchaser, in accordance with ITA 4.9. |
| 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. |

Form CON – 2

Historical Contract Non-Performance, Pending Litigation and Litigation History

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant’s Name: *[insert full name]*
 Date: *[insert day, month, year]*
 Joint Venture Member’s Name: *[insert full name]*
 ISD No. and title: *[insert ISD number and title]*
 Page *[insert page number]* of *[insert total number]* pages

| Non-Performed Contracts in accordance with Section III, Table 1 Qualification Criteria and Requirements | | | |
|--|---------------------------------------|--|--|
| <input type="checkbox"/> Contract non-performance did not occur since 1 st January <i>[insert year]</i> <input type="checkbox"/> Contract(s) not performed since 1 st January <i>[insert year]</i> . | | | |
| Year | Non-performed portion of contract | Contract Identification | Total Contract Amount (current value, currency, exchange rate and US\$ equivalent) |
| <i>[insert year]</i> | <i>[insert amount and percentage]</i> | Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Purchaser: <i>[insert full name]</i> Address of Purchaser: <i>[insert street/city/country]</i> Reason(s) for nonperformance: <i>[indicate main reason(s)]</i> | <i>[insert amount]</i> |
| Pending Litigation, in accordance with Section III, Table 1 Qualification Criteria and Requirements | | | |
| <input type="checkbox"/> No pending litigation <input type="checkbox"/> Pending litigation | | | |

| Year of dispute | Amount in dispute (currency) | Contract Identification | Total Contract Amount (currency), USD Equivalent (exchange rate) |
|--|------------------------------------|--|--|
| <i>[insert year]</i> | <i>[insert amount]</i> | Contract Identification: [indicate complete contract name, number, and any other identification] Name of Purchaser: <i>[insert full name]</i> Address of Purchaser: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate “Purchaser” or “Contractor”]</i> Status of dispute: | <i>[insert amount]</i> |
| Litigation History in accordance with Section III, Table 1 Qualification Criteria and Requirements | | | |
| <input type="checkbox"/> No Litigation History <input type="checkbox"/> Litigation History | | | |
| Year of award | Outcome as percentage of Net Worth | Contract Identification | Total Contract Amount (currency), USD Equivalent (exchange rate) |
| <i>[insert year]</i> | <i>[insert percentage]</i> | Contract Identification: [indicate complete contract name, number, and any other identification] Name of Purchaser: <i>[insert full name]</i> Address of Purchaser: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate “Purchaser” or “Contractor”]</i> Reason(s) for Litigation and award decision <i>[indicate main reason(s)]</i> | <i>[insert amount]</i> |

Form CON – 3 Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment Performance Declaration

[The following table shall be filled in by the Applicant, each member of a Joint Venture and each subcontractor proposed by the Applicant]

Applicant’s Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member’s or Subcontractor’s Name: *[insert full name]*

ISD No. and title: *[insert ISD number and title]*

Page *[insert page number]* of *[insert total number]* pages

| SEA and/or SH Declaration in accordance with Section III, Qualification Criteria, and Requirements |
|---|
| <p>We:</p> <p><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</p> <p><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</p> <p><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.</p> |
| <p><i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i></p> |
| <p>Period of disqualification: From: _____ To: _____</p> |
| |

Form FIN – 3.1

Financial Situation and Performance

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

ISD No. and title: *[insert ISD number and title]*

Page *[insert page number]* of *[insert total number]* pages

1. Financial data

| Type of Financial information in (currency) | Historic information for previous five (05) years, (Amount in currency, currency, exchange rate*, USD equivalent) | | | | |
|--|---|--------|--------|-------|--------|
| | Year 1 | Year 2 | Year 3 | Year4 | Year 5 |
| Statement of Financial Position (Information from Balance Sheet) | | | | | |
| Total Assets (TA) | | | | | |
| Total Liabilities (TL) | | | | | |
| Total Equity/Net Worth (NW) | | | | | |
| Current Assets (CA) | | | | | |
| Current Liabilities (CL) | | | | | |
| Working Capital (WC) | | | | | |
| Information from Income Statement | | | | | |
| Total Revenue (TR) | | | | | |
| Profits Before Taxes (PBT) | | | | | |
| Cash Flow Information | | | | | |

| Type of Financial information in (currency) | Historic information for previous five (05) years, (Amount in currency, currency, exchange rate*, USD equivalent) | | | | |
|---|---|--------|--------|-------|--------|
| | Year 1 | Year 2 | Year 3 | Year4 | Year 5 |
| Cash Flow from Operating Activities | | | | | |

* Refer ITA 14 for the exchange rate

2. Sources of Finance

[The following table shall be filled in for the Applicant and all parties combined in case of a Joint Venture]

Specify sources of finance to meet the cash flow requirements on contracts currently in progress and for future contract commitments.

| No. | Source of finance | Amount (US\$ equivalent) |
|-----|-------------------|--------------------------|
| 1 | | |
| | | |

3. Financial documents

The Applicant and its parties shall provide copies of financial statements for **five (05) years** pursuant Section III, Table 1 –Qualification Criteria, and Requirements Sub-factor 3.1. The financial statements shall:

- (a) reflect the financial situation of the Applicant or in case of JV member, and not an affiliated entity (such as parent company or group member).
- (b) be independently audited or certified in accordance with local legislation.
- (c) be complete, including all notes to the financial statements.
- (d) correspond to accounting periods already completed and audited.

Attached are copies of financial statements¹ for **the five (05) years** required above; and complying with the requirements

¹ If the most recent set of financial statements is for a period earlier than 12 months from the date of Application, the reason for this should be justified.

Form FIN - 3.2

Average Annual Turnover in Information Systems Design and/or Supply and/or Installation

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

ISD No. and title: *[insert ISD number and title]*

Page *[insert page number]* of *[insert total number]* pages

| Annual turnover data | | | |
|---|--|-------------------------------|-----------------------|
| Year | Amount Currency | Exchange rate* | USD equivalent |
| <i>[indicate calendar year]</i> | <i>[insert amount and indicate currency]</i> | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | Average Annual Turnover ** | |

* Refer ITA 14 for date and source of exchange rate.

** Total USD equivalent for all years divided by the total number of years. See Section III, Table 1 Qualification Criteria, and Requirements, 3.2.

Form EXP - 4.1

General Experience in Information Systems Design and/or Supply and/or Installation

[The following table shall be filled in for the Applicant and in the case of a JV Applicant, each Member]

Applicant’s Name: *[insert full name]*
 Date: *[insert day, month, year]*
 Joint Venture Member Name: *[insert full name]*
 ISD No. and title: *[insert ISD number and title]*
 Page *[insert page number]* of *[insert total number]* pages

[As per Section III, Table 1 Qualification Criteria, and Requirements, Sub-Factor 4.1. list contracts chronologically, according to their commencement (starting) dates.]

| Starting Year | Ending Year | Contract Identification | Role of Applicant |
|------------------------|------------------------|--|--|
| <i>[indicate year]</i> | <i>[indicate year]</i> | Contract name: <i>[insert full name]</i> Brief Description of the Contracts performed by the Applicant: <i>[describe contracts performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and US\$ equivalent*]</i> Name of Purchaser: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i> | <i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i> |
| | | Contract name: <i>[insert full name]</i> Brief Description of the Contracts performed by the Applicant: <i>[describe contracts performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and US\$ equivalent*]</i> Name of Purchaser: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i> | <i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i> |
| | | Contract name: <i>[insert full name]</i> Brief Description of the Contracts performed by the Applicant: <i>[describe contracts performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and US\$ equivalent*]</i> Name of Purchaser: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i> | <i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i> |

* Refer ITA 14 for date and source of exchange rate.

Form EXP - 4.2 (a) Specific Experience

(Table 1, 4.2 and Table 2)

[The following table shall be filled in for contracts performed by the Applicant, each member of a Joint Venture, and Specialized Sub-contractors]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

ISD No. and title: *[insert ISD number and title]*

Page *[insert page number]* of *[insert total number]* pages

| Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i> | Information | | | |
|---|---|---|---|--|
| Contract Identification | <i>[insert contract name and number, if applicable]</i> | | | |
| Award date | <i>[insert day, month, year, i.e., 15 June, 2015]</i> | | | |
| Completion date | <i>[insert day, month, year, i.e., 03 October, 2017]</i> | | | |
| Role in Contract <i>[check the appropriate box]</i> | Prime Contractor <input type="checkbox"/> | Member in JV <input type="checkbox"/> | Management Contractor <input type="checkbox"/> | Sub-contractor <input type="checkbox"/> |
| Total Contract Amount | <i>[insert total contract amount in local currency]</i> | | US\$ <i>[insert Exchange rate and total contract amount in US\$ equivalent] *</i> | |
| If member in a JV or sub-contractor, specify share in value in total Contract amount and roles and responsibilities | <i>[insert a percentage amount]</i> | <i>[insert total contract amount in local currency]</i> | <i>[insert exchange rate and total contract amount in US\$ equivalent] *</i> | |
| | <i>[insert roles and responsibilities]</i> | | | |
| Description of the similarity in accordance with Section III Table 1, 4.2 | | | | |
| Complexity | <i>[insert description of complexity]</i> | | | |
| Methods/Technology | <i>[insert specific aspects of the methods/technology involved in the contract]</i> | | | |

| Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i> | Information |
|--|--|
| Other Characteristics | <i>[insert other characteristics as described in Section VII, Scope of Purchaser's Requirements]</i> |
| Purchaser's Name: | <i>[insert full name]</i> |
| Address: | <i>[indicate street / number / town or city / country]</i> |
| Telephone/fax number | <i>[insert telephone/fax numbers, including country and city area codes]</i> |
| E-mail: | <i>[insert e-mail address, if available]</i> |

* Refer ITA 14 for date and source of exchange rate.

Table 2-PM
Contract / Project Management Capability

The applicant shall demonstrate Contract / Project Management Capability in accordance with Table 2

Table 2-ER
Understanding of the Purchaser's Requirement

The applicant shall demonstrate an Understanding of the Purchaser's Requirement in accordance with Table 2

Table 2-CS
Cyber Security Requirement

The Applicant shall demonstrate capability in managing Cyber security risks in accordance with Table 2.

Section V - Eligible Countries

Eligibility for the Provision of Goods, Works and Services in Bank-Financed Procurement

In reference to ITA 5.1, for the information of the Applicants, at the present time firms and individuals, supply of goods, or contracting of works or services, from the following countries are excluded from this Initial Selection process:

Under ITA 5.1 (a) *none*

Under ITA 5.1 (b) *none*

Section VI – Fraud and Corruption

(The text in this Section VI shall not be modified)

1. Purpose

1.1 The Bank’s Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
 - i. “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - ii. “fraudulent practice” is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii. “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv. “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v. “obstructive practice” is:
 - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
 - (b) acts intended to materially impede the exercise of the Bank’s inspection and audit rights provided for under paragraph 2.2 e. below.

- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti-Corruption Guidelines, and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such a firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;¹ (ii) to be a nominated² sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in request for bid/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents, personnel, permit the Bank to inspect³ all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

¹ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

² A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification Application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

³ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

PART 2 – Purchaser’s Requirements

Section VII - Scope of Purchaser’s Requirements
Contents

1. Description of the Information Systems Design, Supply and Installation

Implementation of DART project phase I started in August 2010 through infrastructure development, whose construction was completed in 2015. Phase I corridor covers the stretch from Kimara Terminal to Kivukoni/Morocco/Gerezani Terminals, with dedicated bus lanes on 3 trunk routes. It consists of **20.9 km of trunk road**, 57.9 km of feeder roads, 5 large terminals, 27 stations (approx. 500 m apart) and one depot. A park and ride facility is also planned, but not yet constructed.

Phase I of DART system commenced operations with its trunk-feeder service in May 2016. It provides express and local services for 18 hours daily, from 04:30 am to 11:30 pm, with a capacity to accommodate 28,000 commuters’ peak direction on peak hours.

The DART BRT Phase I is currently operated by The Usafiri Dar es Salaam Rapid Transit (UDART) under the auspices of the Land Transport regulatory authority (LATRA).

There are two types of buses operated along the routes:

- i. **Articulated Buses:** These are 18 meters long with loading capacity of 155 passenger.
- ii. **Rigid Buses:** These are 12 meters long with loading capacity of 90 passengers.

There are five terminals and four types of trunk stations along the route depending on their location and utility:

- i. **Terminals:** Terminal stations are located at the beginning and end of all trunk roads. These terminals allow transfers between feeder services as well as various transportation services such as regional buses and private cars. Terminals may also include parking spaces for commuters to park during the day (such as park-and-ride facilities). Layout plans of the five terminal stations are shown in figure.
- ii. **Trunk Stations:** These are the main stations on long distance routes along the trunk routes. Accessed via a pedestrian crossing, the stations are elevated to ensure passenger safety. There are four types of trunk stations along the road as shown below, with an average distance of 500 meters approximately.

The Scope of the project is the design, supply, and Installation of the following:

- **BRT Management Systems**

- **Traffic Management system**
- **ICT Infrastructure.**

All systems involved in the project, including the Bus Rapid Transit (BRT) system, traffic control and enforcement, and the communications network, must undergo thorough integration testing. The complete system will not be validated until all components are perfectly integrated and functioning together efficiently.

The supplies included in this bid must meet the quality and performance requirements specified in the RFP.

For the BRT Management System, it is necessary to clear delimitate the scope of this ISD and what will be the scope of the operator of the BRT service.

The following components are within the scope of this procurement:

| SYSTEM COMPONENT WITHIN THE SCOPE |
|--|
| ITS Stations and Terminals |
| Workstation and user interface |
| BRT Monitoring System (BMS) |
| Passenger Information System (PIS) |
| Customer Information System (CIS) |
| Surveillance and Security System |
| |

The following components are outside the scope of this procurement:

| SYSTEM COMPONENT OUTSIDE THE SCOPE |
|---|
| On board ITS Buses |
| BOC: Service requirements and functionalities |
| Transit Operation System (TOS) |
| Fleet Management System (FMS) |
| Passenger Information System (PIS) |
| Surveillance and Security System |
| Incident Management System (IMS) |
| Business Intelligence (BI) |

The contractor will be ultimately responsible for the quality of the supplies and installations carried out, for which it must comply with the Testing and Quality Assurance Requirements set by the acquiring agency.

The liability period for the supplies and installations shall have a duration of one year, after which the contractor will provide a support service, which could be extended by the acquiring agency for periods of one year.

1.1. BRT Management Systems

BRT Management Systems at Stations and Terminal Stations, and the equipment and central software for the DART’s Operating Control Centre (OCC). Onboard equipment and software, and equipment and software for the operation of the BRT services at the Operation Centre owned by Operators, are out of the scope of works covered by this contract, and shall be provided by the operators.

The scope of works covered by this contract is as follows:

i. Devices at stations and terminal stations:

- Public address system devices (amplifiers, loudspeakers).
- Surveillance and security cameras
- Passenger information displays.
- Communication equipment (switches) to connect these devices with the access fibre optic networks at stations and terminals.

ii. Equipment at the BRT Management Centre (BMC):

- Servers.
- NVR.
- Operational Stations for BRT Monitoring staff.
- Videowall.
- UPS.

iii. Software at the BRT Management Centre (BMC):

- BRT Monitoring System (BMS).
- Passenger Information System (PIS).
- Video Management System (VMS)
- Security and Surveillance Systems.
- Incident Management System

These central systems (primary and disaster recovery) will be hosted on the National Data Centre and e-Government authority Data Centre.

The BRT Monitoring System (BMS) plays a pivotal role in the governmental transport control centre (BMC). This system supports the main tasks for the monitoring of the operations of the services by the operator of the BRT phases (trunk and feeder lines) carried out by DART as Transport Authority. For this purpose, the BMS integrates the operational data of all the Transit Operation Systems (TOS), which are provided and operated by the BRT operators. The BMS is mainly used by DART, at the BRT Management Centre, as Transport Authority.

The main functions of the BMS are:

- Graphic supervisor: Real Time vehicle location, georeferenced facilities, graphic representation of incidents.
- Real-time performance monitoring of the BRT services: service provision, adherence to schedules and headways, driver’s behavior, etc.
- Incident Management.
- Passenger Information.
- CCTV: CCCTV systems integration, supervision of stations and terminals, onboard video.
- Decision and Orchestration Engine: Determination and representation of influence areas, reorganization of the BRT services, follow-up of incidents.
- KPI Dashboard and Reporting tool.

iv. Integration/Interfaces:

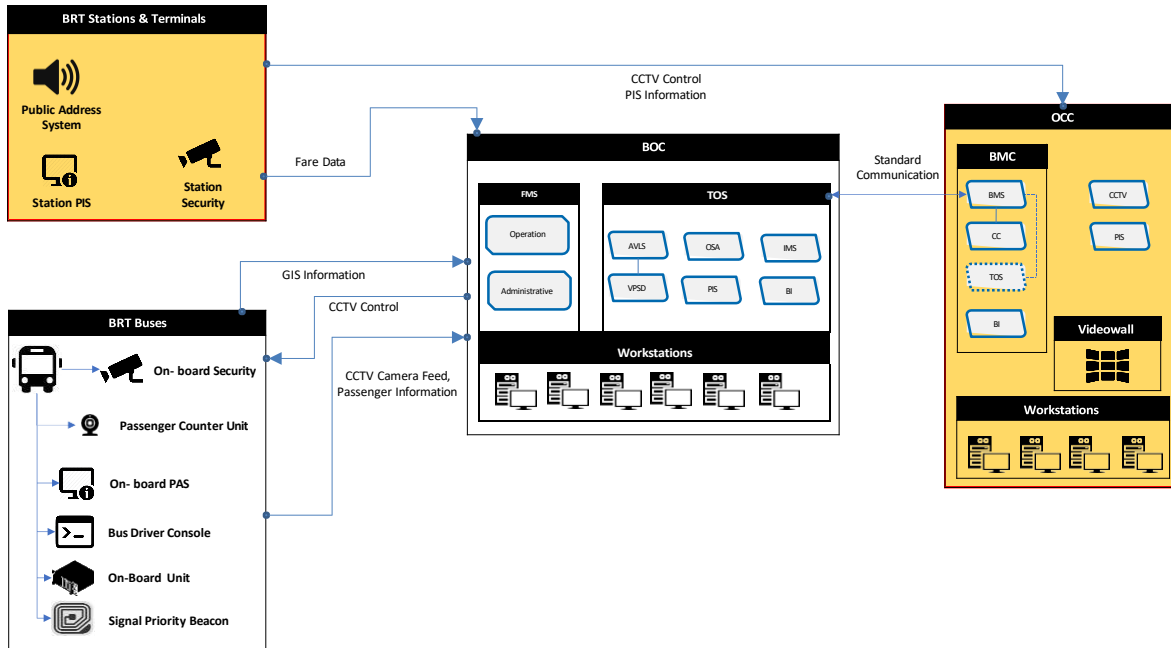
All the interfaces required for these systems to exchange information with third parties’ systems shall be developed and documented by the contractor of this procurement, such as the data interface to integrate the TOSs provided by the BRT operators into the BMS.

Other interfaces are required for integration with on-board ITS systems on the operator’s buses, and with the DART AFCS is also required. Interface with the physical layout of the OCC is required

The awarded contractor shall carry out the integration with the TOSs of the operators of BRT phase I. On the other hand, the operators shall develop their corresponding part of the interfaces. The system should be capable of integrating different subsystems, as each mode of transport will require specific communication with the BMS to exchange information. For this tender process, the contractor must integrate two TOS into the BMS architecture. However, it should have the capability to add more TOS. The contractor responsible for this integration must be aware that it has to integrate future operators.

Budget allocations are reserved, as recurrent costs, for the integration of the TOS systems of the subsequent operators of BRT phases 2 to 6 into the BMS. These budget allocations will be executed in the next 3-4 years, following the completion of the work associated with phase I.

The following figure shows the physical architecture with the scope of the procurement highlighted in orange.



The Contractor shall define and establish a comprehensive backup and disaster recovery strategy. This strategy should include redundant power and network connectivity, as well as failover mechanisms, to meet the Client's requirements for recovery time objectives (RTO) and recovery point objectives (RPO) in the event of system failures.

1.2. Traffic Management Systems

Traffic Management Systems along the trunk road (Dynamic Message Signs, Lane Control Signs, Traffic Detection, BRT Lanes Enforcement system, and Traffic Signal Control System with 25 signalized intersections) and for the Operating Control Centre (OCC) for DART project phase I. The central system (primary and disaster recovery) will be hosted on the National Data Centre and e-Government authority Data Centre.

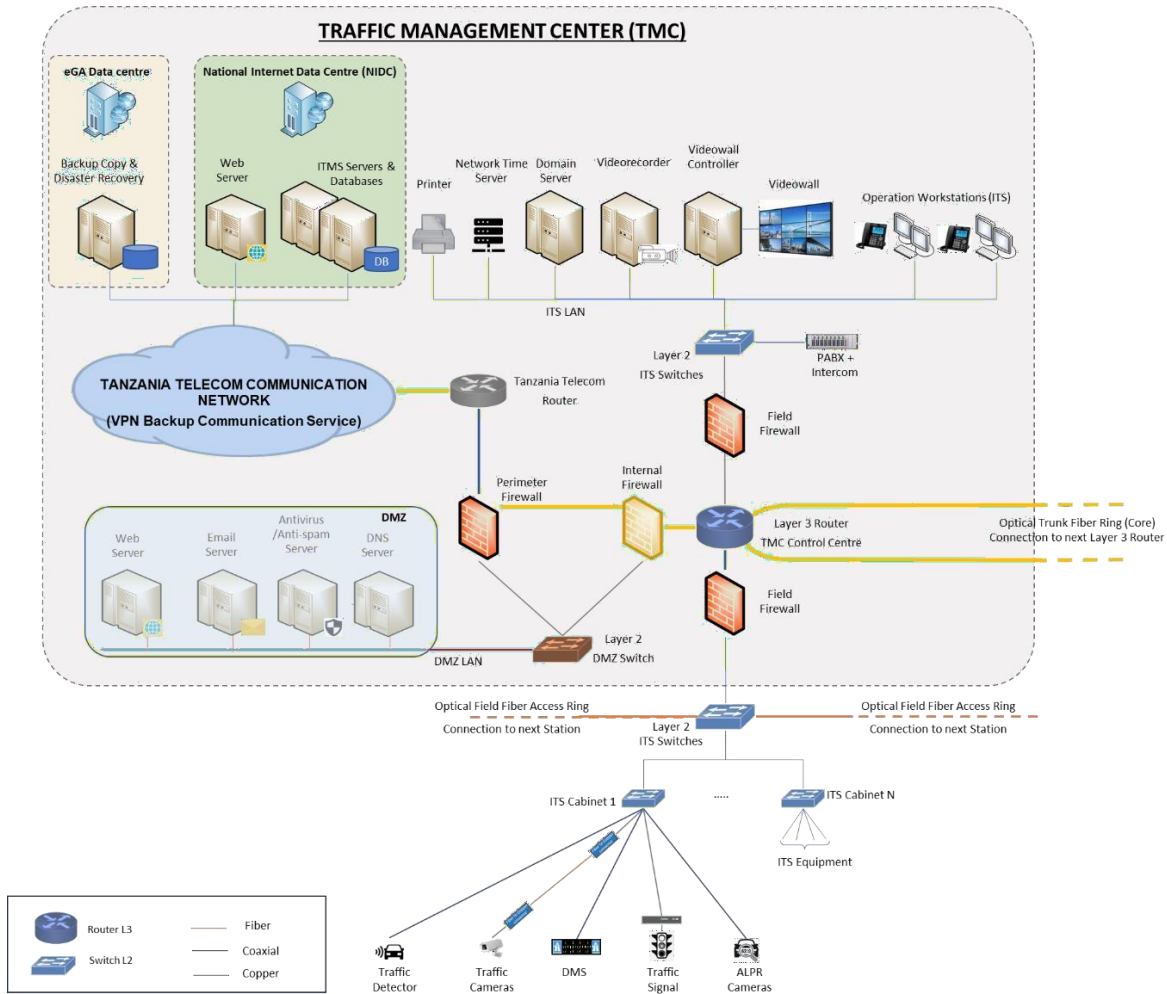
The following table presents the main ITS components of the Traffic Management Systems.

| ITS Components | SCOPE |
|-----------------------------|---|
| Corridor Roadways | |
| Dynamic Message Signs (DMS) | Dynamic Message Signs (DMS) will be full-colour LED displays installed in the corridor carriageways on gantries or cantilevers to allow the DART Traffic Operators to display information in real time in a dynamic mode. |
| Lane Control Signs (LCS) | The LCS system is composed of groups of LED signs, one above each lane, installed on gantries on the corridor |

| ITS Components | SCOPE |
|---|---|
| | <p>carriageway. LCS allow Traffic Operator to independently enable or disable road lanes. This system is composed of the traffic lights (on poles), detection (i.e., loop detectors, microwave detection, video detection, push button stations), indications (for vehicles and pedestrians), controller for the storage of timing logic and algorithms, communication hardware (for coordination and/or management), and hardware to make the system accessible for pedestrians with disabilities.</p> |
| Traffic Detectors | <p>Traffic Detectors provide raw vehicular data required by ITS applications. These sensors collect basic aggregate measures such as occupancy, volume, and speed. The processing of these data will also enable automatic incident detection. Traffic detectors can be based on several technologies, being the most common technologies inductive loops and radar based.</p> <p>Traffic detectors will be installed at intersections to support the operation of traffic signal systems, and at certain locations of the corridor roadways to support ITS services like traffic management or High-Occupancy Vehicles (HOV) lanes management.</p> |
| Traffic Signals | <p>Traffic Signal Control Systems will be utilized where BRT Corridor roads intersect at-grade with other roadways and at pedestrian crosses to access to the BRT stations.</p> |
| Traffic Cameras | <p>This system is composed of a group of traffic cameras installed at various locations of the corridor roadways and monitored from the Traffic Management Centre (TMC). The objective of this system is traffic monitoring all through the corridor roadways and at intersections.</p> |
| BRT Lane enforcement | <p>The system should have a feature where passengers are counted, and video analytics is done. It includes ANPR cameras to take a snapshot of the vehicle’s license plate and alert law enforcement to the violators.</p> |
| Bus Signal Priority device (in traffic signal controller) | <p>Device installed in the traffic controller's cabinet to receive a priority signal and request a command order from the controller to act accordingly.</p> |
| Traffic Management Centre | |
| Integrated Traffic Management System (ITMS) | <p>This software is responsible for managing all the systems integrated into the Traffic Management Centre (TMC) to facilitate the work of operators. This software</p> |

| ITS Components | SCOPE |
|--|---|
| | <p>is the tool that allows operators to visualize and operate ITS systems in the BRT 1 Corridor, to visualize road data, event reports, roadwork reports and other information to determine the current status of the road. Besides, operators shall use this software to monitor all the field elements of the road.</p> <p>Subsystems managed by the ITMS are:</p> <ul style="list-style-type: none"> • Dynamic Message Signs. • Lane Control Signs • Traffic Detectors. • Traffic Signal Control System (Adaptive control system) • Red Light Enforcement System. • Traffic Cameras. • BRT Lanes Enforcement. <p>This software will be hosted at the Government Data Centre</p> |
| Operators’ Workstations | <p>In the OCC there will be operators from different agencies and directorates:</p> <ul style="list-style-type: none"> • DART. Transit Operators. • DART. Traffic Operators. • DART. Traffic engineers. • Bus Operators (if DART decides to have a liaison person from each bus operator in the OCC). • Traffic Police. • Emergency Services. |
| Video Wall | <p>Large displays placed at the control room that enables the visualization of CCTV video footages and applications’ screens.</p> |
| Servers, video recorders and active communication equipment. | <p>This refers to the industrial servers to host the software applications and data bases, the video recorders, and communications equipment (routers, switches firewalls, etc.)</p> |
| Government Data Centre | |
| Hosting of the main software systems | <p>The Integrated Traffic Management System (ITMS) will be hosted at the Government Data Center</p> |
| Back-up and Recovery System | <p>Back-up and Recovery System will be hosted in the Government Data Centre.</p> |

The following figure shows the physical architecture of the Traffic Management systems.



1.3. ICT Infrastructure

Construction of the Information and Communication Technology Infrastructure. The ICT will be based on a Fiber Optics MPLS Network along the Phase 1 Corridor which will support the operations of the BRT and the Traffic Management Systems along the Corridor. This communication fiber optic network will cover the 20.9 km of trunk road of DART project phase I.

In a lower level, there will be access fiber optic networks which will connect every station and terminal of the corridor.

This network will connect all the technological systems of the BRT corridor, including BRT users information devices, surveillance and security devices at stations, and traffic systems such as variable message signs, traffic cameras, traffic signals, detectors, and enforcement systems, to the

DART Control Center in Dar es Salaam.

The fiber optic cable will be laid in buried conduits, which are outside the scope of this procurement.

However it will include tasks such as:

- Termination of fiber at BRT stations, terminals, OCC, and Depot.
- Connection to ITS systems and field devices.
- Supply of fiber equipment.
- Splicing and testing of fiber installations.
- Site Surveys and Assessments: Conducting detailed site surveys to assess the existing infrastructure and plan the fiber installation.
- Permitting and Approvals: Obtaining necessary permits and approvals from local authorities and stakeholders.
- Cable Pulling and Laying: Pulling and laying fiber optic cables.
- Network Design and Planning: Detailed design and planning of the fiber network layout.
- Integration with Existing Systems: Ensuring seamless integration with existing communication and ITS systems.
- Documentation and Reporting: Providing detailed documentation and regular progress reports.
- Training and Support: Offering training sessions for staff on the new systems and ongoing support.

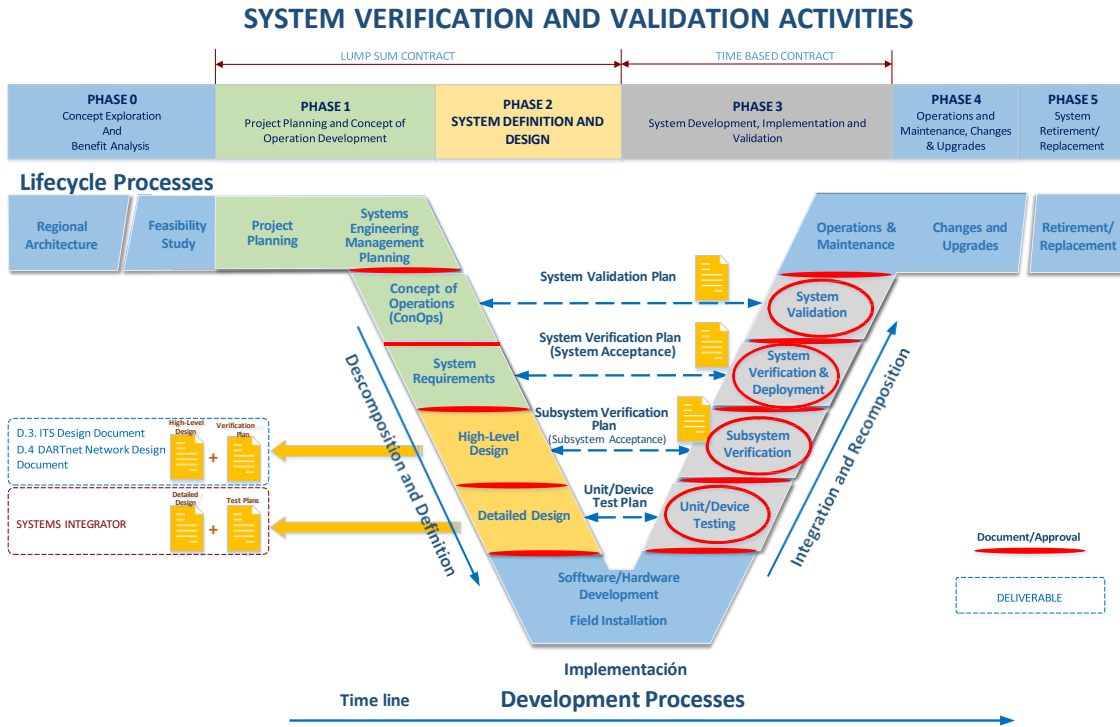
1.4. Testing Requirements

The scope for the Testing Requirements contains the following plans:

- Verification Plan.
- Validation Plan.

The awarded Integration Contractors for the acquiring, installation, testing and commissioning of the BRT Management System, Traffic Management Systems, and ICT Infrastructure of the BRT 1 Corridor will have to further develop and execute these plans.

The processes related to the abovementioned plans are identified in the Systems Engineering methodology, shown in the following figure:



Verification Plan

The resulting detailed Systems Verification Plans, prepared by the Integration Contractors, will be presented to the Acquiring Agency for approval and will define the exact procedures to perform acceptance testing prior to installation and prior to the start of operation of the systems. The Verification Plan will be composed of the following Plans:

- Unit Test Plan.
- Subsystem Verification Plan.
- System Verification Plan.

The Test Plan prepared by the awarded Contractors shall include, at least, the following contents:

- Document revisions information.
- Reference documents.
- Scope and objectives.
- Entry criteria to begin the tests.
- Resources (technical and human): time, space, tools, certified staff, ...
- Associated risks and precautions during the tests.
- Detail of the different tests to be performed, structured in different levels if necessary, describing the procedures, acceptance criteria and additional useful information.
- Deliverables and results documentation.
- Defects management methods.

- Schedules.
- Exit criteria, when the testing can be considered finalized.

These Plans will allow to monitor the integrity of the system development process to confirm close adherence to the functional and performance requirements defined, and in both cases will include:

- Design Review.
 - Preliminary Design Review (PDR)
 - Critical Design Review (CDR)
- Unit Testing.
 - Factory Acceptance Tests (FAT), conducted by the Contractor or technological providers to the hardware/software units at their premises (Factory), before they are shipped to the work sites.
 - Site Acceptance Tests (SAT): those to be implemented on site just before the start of operation of the systems on site, to fully demonstrate their correct performance.
- Hardware Site Testing:
 - Level 1 Tests. Pre-installation testing.
 - Level 2 Tests. Initial site acceptance testing.
 - Level 3 Tests. Site integration testing.
- Software Site Testing:
 - Hardware / Software Integration Testing.
 - Sub-systems verification testing.
 - Systems verification testing.
- System-Level Testing:
 - Sub-systems acceptance testing.
 - Systems acceptance testing.

These Test Plans must be approved by the responsible of the contract from the Acquiring Agency before starting Tests phase.

Validation Plan

The Validation Plan defines the evaluation activities that should be conducted after the systems have been developed in order to assess their strengths, weaknesses and new opportunities, setting the stage for the next evolution of the system.

The Validation Plan included in the present document addresses the following parts:

- Validation framework:
 - Validation schedule.
 - Validation Setup.

- Participants.
- General roles and responsibilities of participants.
- Evaluation Process.
- Evaluation criteria.
- Handling of anomalies.
- Documents to be prepared.
- User needs:
 - Traffic Management Systems User Needs.
 - BRT Management Systems User Needs.
- Validation cases:
 - Validation of Traffic Management Systems.
 - Validation of the BRT Management Systems.

1.5. Limitations and Integration with third parties’ SW

The following table summarizes the scope of work for all integration-related activities and defines battery limits with regard to other contractors involved in the ITS BRT Phase I Project.

| ACTIVITY | SCOPE OF WORK | BATTERY LIMITS |
|---------------------------------------|--|---|
| Communication Infrastructure | <p>The contractor will provide and install the communication infrastructure, including the laying of fiber optic and structured (copper) cables, the provision of all needed active communication devices (routers, switches and firewalls), and the configuration and commissioning of the communication infrastructure.</p> <p>Communication cables will be laid by the contractor in buried conduits, which are outside the scope of this procurement and will be constructed and handed over to the contractor in perfect condition.</p> | <p>The construction of the trenches, buried conduits, and manholes for the communication cables will be done by a construction contractor.</p> <p>All components of this ancillary civil works, especially the buried conduits, will be tested and approved by DART before handover to the Contractor to ensure that the communication and power cables can be laid under appropriate conditions.</p> |
| Communication of field devices | The Contractor connects the field devices provided within | |

| ACTIVITY | SCOPE OF WORK | BATTERY LIMITS |
|---|---|---|
| | <p>this contract to the fibre optic network through to the closest access switch.</p> | |
| <p>Electrical Connections</p> | <p>The Contractor connects the field devices provided within this contract to the electric distribution board.</p> <p>The required electric cables to feed the field devices are provided by the Contractor.</p> <p>UPS will also be provided by the Contractor.</p> | <p>The contractor for the “design, supply and installation of the Power Supply Infrastructure for the BRT Phase I Corridor” provides the electric distribution boards from where the field devices are powered.</p> |
| <p>Integration BMS-TOS (BRT Phase I)</p> | <p>The contractor designs and documents the data interface for the integration of the TOS system into the BMS system. Additionally, the contractor develops the software components, which will be part of the BMS system supply, for the implementation of this data interface.</p> <p>The documentation and source code of the interface will be delivered to DART, who will own it.</p> <p>The contractor configures and loads the necessary data to integrate the TOS system into the BMS system, such as the topology of BRT 1 stations and terminals, services, buses, etc.</p> <p>The Contractor carries out the required integration tests in cooperation with the BRT Phase I Operators to ensure that the software components of the data interface from both parties work correctly.</p> | <p>The Operators of the BRT phase I develop their corresponding software components of the data interface, according to the specifications developed by the Contractor.</p> <p>The BRT phase I Operators carry out the required integration tests in cooperation with the Contractor to ensure that the software components of the data interface from both parties work correctly.</p> |
| <p>Integration</p> | <p>The contractor configures and</p> | <p>The Operators of the subsequent</p> |

| ACTIVITY | SCOPE OF WORK | BATTERY LIMITS |
|--|--|---|
| <p>BMS-TOS (subsequent BRT Phases II to VI)</p> | <p>loads the necessary data to integrate the TOS systems of the subsequent phases into the BMS system, such as the topology of BRTs stations and terminals, services, buses, etc.</p> <p>The Contractor carries out the required integration tests in cooperation with the Operators of the subsequent phases to ensure that the software components of the data interface from both parties work correctly.</p> | <p>phases develop their corresponding software components of the data interface, according to the specifications developed by the Contractor.</p> <p>The Operators of the subsequent phases carry out the required integration tests in cooperation with the Contractor to ensure that the software components of the data interface from both parties work correctly.</p> |
| <p>Integration with the physical layout of the OCC</p> | <p>Integration with the physical layout of the OCC is not specified.</p> | <p>The physical layout of the OCC will be provided by DART.</p> |
| <p>Construction and installation of supporting structures</p> | <p>The Contractor will construct and install the supporting metal structures for all the devices provided, such as cantilever and gantries for Variable Message Signs, poles for traffic cameras, poles for traffic lights, etc.</p> <p>The foundations for these supporting structures will be constructed, tests, and handed over by a construction contractor.</p> | <p>The Construction Contractor will build and hand over the foundations for the supporting structures supplied by the Contractor.</p> <p>Each foundation will include the concrete base, reinforcement bars (if needed), anchor bolts and cable conduits.</p> <p>The foundation design will account for load requirements and adhere to the specifications for the base plate and anchor bolts provided by the Contractor (Technology Integrator).</p> <p>All foundations must be tested and approved before handover to ensure that the erection of the supporting structures is carried out under optimal conditions.</p> |
| <p>Ancillary civil works</p> | <p>N/A</p> | <p>Civil contractor will be in charge of the execution of the following construction works:</p> |

| ACTIVITY | SCOPE OF WORK | BATTERY LIMITS |
|----------|---------------|---|
| | | <ul style="list-style-type: none"> - Foundation erection and precast installation on the same, for supporting poles. - Construction of trenches and installation of ducts for communication and power cables. |

The Contractor shall design, develop, document, and deliver the source code for the data interfaces between the software systems within the scope of the contract and third-party software systems, such as the TOS systems of bus operators. The interfaces will be developed using open technologies, such as APIs and will be owned by the Client. The Contractor will be responsible for testing all necessary interfaces included in the scope of work, and the systems will not be considered validated and certified until these interfaces have been successfully tested.

1.6. Data Protection Guidelines

Given that the system involves surveillance and operational data collection, it is crucial to adhere to stringent data protection guidelines. The following measures should be implemented to ensure the security and privacy of the collected data:

1. **Compliance with Global Data Security Frameworks:**
 - Adhere to GDPR-equivalent privacy controls to protect personal data.
 - Implement ISO/IEC 27001 standards for information security management systems (ISMS) to manage information security risks effectively
2. **Encryption Standards:**
 - Ensure encryption of sensitive data both at rest and in transit using industry-standard encryption protocols.
 - Utilize encryption methods such as AES (Advanced Encryption Standard) for data at rest and TLS (Transport Layer Security) for data in transit
3. **Access Control Policies:**
 - Establish strict access control policies for system administrators to ensure that only authorized personnel have access to sensitive data.
 - Implement role-based access control (RBAC) to limit access based on the user's role within the organization
4. **Data Integrity and Confidentiality:**
 - Ensure data integrity by protecting data from unauthorized alterations and ensuring its accuracy and consistency.
 - Maintain data confidentiality by preventing unauthorized access and disclosure of sensitive information

5. **Monitoring and Auditing:**
 - Implement continuous monitoring and auditing of data access and usage to detect and respond to any unauthorized activities promptly.
 - Maintain detailed logs of data access and modifications for accountability and forensic purposes

6. **Error and Exception Handling:**
 - Develop protocols to monitor and handle possible errors and exceptions during data processing and transmission.
 - Ensure that the system can identify and respond to errors in real-time to maintain data integrity

7. **Security Protocols:**
 - Ensure mutual authentication between clients accessing the web services and the service providers.
 - Maintain client identification to authenticate access to services.
 - Control and ensure the confidentiality and integrity of data exchanged to protect against potential attacks or accidental manipulations

8. By implementing these data protection guidelines, the system will ensure the security and privacy of surveillance and operational data, aligning with international standards and best practices.

1.7 Summary of Quantities of the Contract

BRT Management Systems

| | |
|--|----|
| Hall Displaya | 21 |
| Platform Displaya | 82 |
| Voice Announcement Speakers | 95 |
| Amplifiera | 11 |
| IP Telephonea | 11 |
| Indoor Cameraa | 90 |
| Booth cameras | 43 |
| Security Cameras | 28 |
| PTZ cameras | 4 |
| Central SW products: | |
| - BRT Monitoring system (BMS). | |
| - Passengers Information system (PIS). | |
| - Customer Information System (CIS). | |
| - Surveillance and Security System | 1 |
| - Data Extract and Reporting Tool. | |
| - Backup and Recovery System. | |
| - Data Exchange between centres. | |
| Spare parts | 1 |

Traffic Management Systems

| | |
|--|----|
| Dynamic Message Signs. | 8 |
| Lane Control Signs | 24 |
| Traffic Detectors. | 12 |
| Traffic Signal Control System (Intersections) | 20 |
| Traffic Cameras. | 37 |
| LPR Cameras. | 8 |
| Radio communication System (including REPEATER COMMUNICATION TOWER and DMR Repeater) | 1 |
| Control Center (including 6 operation stations, 15 videowall displays, 16 servers, 1 storage system) | 1 |
| Central SW products: <ul style="list-style-type: none"> - Integrated Traffic Management System (ITMS). - Bus Signal Priority System. - Data Storage. - Data Extract and Reporting Tool. - Backup and Recovery System. - Data Exchange between centres. | 1 |
| Spare parts | 1 |

HW Infrastructures housed at the Government Data Centers

| | |
|---------------------|---|
| Main | 1 |
| Backup and Recovery | 1 |

Communication Infrastructure

Around 22 Km of fiber optic trunk network and access networks at every station.

Other Services

| |
|------------------------------|
| Installation and Testing |
| Training |
| SW support services |
| Integration of future phases |

2. Implementation Period

The Time for Completion for the project shall be **9 months and 12 months of defect liability period.**

The delivery of the different components of the scope (BRT Management Systems, Traffic Management Systems, and ICT Infrastructure) is expected to be implemented **in parallel.**

An extended support contract beyond the defect liability period (e.g., 2–3 years of maintenance support) it is advisable to ensure continued smooth operation and maintenance of the systems.

3. Site and Other Data

Destination (Project Site) will be along DART Phase I Corridor and Traffic Control Centre, Dar Es Salaam.

4. Environmental and Social (ES) Requirement

The Employer has certain policy to meet the environmental, social, health and safety requirements for the project. The policy has the commitments to:

1. Apply good international industry practice to protect and conserve the natural environment and to minimize unavoidable impacts.
2. Provide and maintain a healthy and safe work environment and safe systems of work.
3. Protect the health and safety of local communities and users, with particular concern for those who are disabled, elderly, or otherwise vulnerable.
4. Ensure that terms of employment and working conditions of all workers engaged in the Works meet the requirements of the ILO Labour Conventions to which the Employer’s country is a signatory.
5. Be zero tolerant of and enforce disciplinary measures for illegal activities; and be intolerant of, and enforce disciplinary measures for GBV, inhumane treatment, sexual activity with children, and sexual harassment.
6. Incorporate a gender perspective and provide an enabling environment where women and men have equal opportunities to participate in, and benefit from, planning and development of the Works.
7. Work co-operatively, including with end users of the Works, relevant authorities, contractors and local communities.
8. Engage with and listen to affected persons and organizations and be responsive to their concerns, with special regard for vulnerable, disabled, and elderly people.
9. Provide an environment that fosters the exchange of information, views, and ideas that is free of any fear of retaliation and protects whistleblowers.
10. Minimize the risk of HIV transmission and to mitigate the effects of HIV/AIDS associated with the execution of the Works.
11. World Bank Group EHS Guidelines.
12. Relevant international conventions or treaties etc., national legal and/or regulatory requirements and standards (where these represent higher standards than the WBG EHS Guidelines).