



## **UNIDADE DE GESTÃO DE PROJECTOS ESPECIAIS**

---

CABO VERDE TECHNOLOGY PARK – PHASE II

Av. Amílcar Cabral – Ex. Edifício do BCV, 4º Andar,  
C.P: 145, Plateau, Cidade da Praia, Cabo Verde  
Telefones: (+238) 261 75 84 / 261 61 98  
Fax: (+238) 261 59 39

# **Bidding Document (One-Envelope Bidding Process)**

**Procurement of:**

## **SUPPLY, INSTALLATION OF EXTERIOR LIGHTING AND CCTV SYSTEM FOR THE TECHNOLOGY PARK – PHASE II**

---

**IFB Number:** 043/CVTP-II/UGPE/2026  
**OCBI No:** GDS9  
**Project:** Cabo Verde Technology Park (CVTP) – Phase II  
**Purchaser:** Unidade de Gestão de Projectos Especiais (UGPE) | Ministério das Finanças  
**Country:** Republic of Cabo Verde  
**Issued on:** July 07, 2026

---

# Standard Bidding Document

## Table of Contents

<b>Part 1: Bidding Procedures</b> .....	<b>3</b>
Section I - Instructions to Bidders .....	5
Section II - Bid Data Sheet (BDS).....	35
Section III - Evaluation and Qualification Criteria.....	45
Section IV - Bidding Forms .....	51
Section V - Eligible Countries.....	85
Section VI - Fraud and Corruption.....	89
<b>Part 2 – Supply Requirements</b> .....	<b>93</b>
Section VII - Schedule of Requirements .....	95
<b>Part 3 – Contract</b> .....	<b>175</b>
Section VIII - General Conditions of Contract .....	176
Section IX - Special Conditions of Contract .....	207
Section X - Contract Forms.....	217





## **Part 1: Bidding Procedures**



# Section I - Instructions to Bidders

## Contents

<b>A. General</b> .....	<b>7</b>
1. Scope of Bid.....	7
2. Source of Funds.....	7
3. Fraud and Corruption.....	7
4. Eligible Bidders Focus on performance, not brand.....	8
5. Eligible Goods and Related Services.....	10
<b>B. Contents of the Bidding Document</b> .....	<b>11</b>
6. Sections of Bidding Document.....	11
7. Clarification of Bidding Document.....	12
8. Amendment of Bidding Document.....	12
<b>C. Preparation of Bids</b> .....	<b>13</b>
9. Cost of Bidding.....	13
10. Language of Bid.....	13
11. Documents Comprising the Bid.....	13
12. Letter of Bid and Price Schedules.....	14
13. Alternative Bids.....	14
14. Bid Prices and Discounts.....	14
15. Currencies of Bid and Payment.....	17
16. Documents Establishing the Eligibility and Conformity of the Goods and Related Services.....	17
17. Documents Establishing the Eligibility and Qualifications of the Bidder.....	18
18. Period of Validity of Bids.....	18
19. Bid Security.....	19
20. Format and Signing of Bid.....	21
<b>D. Submission and Opening of Bids</b> .....	<b>21</b>
21. Sealing and Marking of Bids.....	21
22. Deadline for Submission of Bids.....	22
23. Late Bids.....	22
24. Withdrawal, Substitution, and Modification of Bids.....	22
25. Bid Opening.....	23
<b>E. Evaluation and Comparison of Bids</b> .....	<b>24</b>
26. Confidentiality.....	24
27. Preliminary Examination of Bids.....	24
28. Clarification of Bids.....	25
29. Deviations, Reservations, and Omissions.....	25
30. Determination of Responsiveness.....	25
31. Nonconformities, Errors and Omissions.....	26
32. Correction of Arithmetical Errors.....	27
33. Conversion to Single Currency.....	27
34. Margin of Preference.....	27

35.	Evaluation of Bids.....	28
36.	Comparison of Bids.....	29
37.	Qualification of the Bidder .....	29
38.	Purchaser’s Right to Accept Any Bid, and to Reject Any or All Bids.....	30
39.	Standstill Period.....	30
40.	Notification of Intention to Award .....	30
<b>F.</b>	<b>Award of Contract.....</b>	<b>31</b>
41.	Award Criteria.....	31
42.	Purchaser’s Right to Vary Quantities at Time of Award .....	31
43.	Notification of Award .....	32
44.	Debriefing by the Purchaser .....	32
45.	Signing of Contract .....	33
46.	Performance Security.....	34
47.	Procurement Related Complaint.....	34

# Section I. Instructions to Bidders

## General

### 1. Scope of Bid

- 1.1 In connection with the Specific Procurement Notice, Invitation for Bids (IFB), specified in the **Bid Data Sheet (BDS)**, the Purchaser, as **specified in the BDS**, issues this bidding document for the supply of Goods and, if applicable, any Related Services incidental thereto, as specified in Section VII, Schedule of Requirements. The name, identification and number of items, lots or combination of lots (packages) of this IFB are **specified in the BDS**.
- 1.2 Throughout this bidding document:
- (a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, including if **specified in the BDS**, distributed or received through the electronic-procurement system used by the Purchaser) with proof of receipt;
  - (b) if the context so requires, “singular” means “plural” and vice versa; and
  - (c) “Day” means calendar day, unless otherwise specified as “Business Day”. A Business Day is any day that is an official working day of the Borrower. It excludes the Borrower’s official public holidays.

### 2. Source of Funds

- 2.1 The Borrower or Recipient (hereinafter called “Borrower”) **specified in the BDS** has applied for or received financing (hereinafter called “funds”) from the Specific Financing Institution named in the BDS (hereinafter called “the Bank”) in an amount **specified in the BDS**, toward the project named **in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which this bidding document is issued.
- 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank in accordance with the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the Loan account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import is prohibited by 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 other financing).

### 3. Fraud and Corruption

- 3.1 The Bank requires compliance with the Bank's Integrity Framework comprising the African Development Bank Group's Sanctions Procedures, the Bank's Whistleblowing and Complaints Policy, the Bank's Procurement Policy under the Procurement Framework and any other applicable Policies and Procedures including their updates regarding corrupt and fraudulent practices as set forth in Section VI, Fraud and Corruption.
- 3.2 In further pursuance of this policy, Bidders shall permit and shall cause their agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and their personnel, to permit the Bank to inspect all accounts, records and other documents relating to any, prequalification process, bid submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

#### 4. Eligible Bidders

- 4.1 A Bidder may be a firm that is a private entity, a state-owned enterprise or institution subject to ITB 4.6, or any combination of such entities in the form of a joint venture, consortium, or association (JVCA) hereinafter called 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, consortium, or association (JV): a) Unless otherwise **specified in the BDS**, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms; b) The JV shall nominate a 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 Bidding process and, in the event the JV is awarded the Contract, during contract execution; c) The maximum number of members proposed in a JV shall not exceed the number **specified in the BDS**, or the number derived from the percentage specified under ITB 4.1 (d), whichever is smaller unless both are equal, in which case anyone shall apply; and d) Participation by value of the contract as share of each of the JV partner (member) shall not be less than the percentage **specified in the BDS**. In case of any inconsistency between ITB 4.1 c) and ITB 4.1 d) that both cannot be applied simultaneously, the latter shall prevail.
- 4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this Bidding process, if the Bidder:
- (a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or
  - (b) receives or has received any direct or indirect subsidy from another Bidder; or
  - (c) has the same legal representative as another Bidder; or

- (d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the Bid of another Bidder, or influence the decisions of the Purchaser regarding this Bidding process; or
  - (e) or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods, or works if any, that are the subject of the Bid; or
  - (f) or any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or
  - (g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project **specified in the BDS** ITB 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
  - (h) has 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 bidding document or specifications of the Contract, and/or the Bid 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 Bidding process and execution of the Contract.
- 4.3 A firm that is a Bidder (either individually or as a JV member) shall not participate in more than one Bid, except for permitted alternative Bids. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Bids in which the firm is involved. A firm that is not a Bidder or a JV member, may participate as a subcontractor in more than one Bid.
- 4.4 A Bidder and all parties constituting the Bidder including any subcontractors or suppliers shall have the nationality of an eligible country of the Bank in accordance with the Bank's Procurement Policy for the Bank Group Funded Operation described under the Bank's Procurement Framework, and as listed in Section V, Eligible Countries subject to the restrictions pursuant to ITB 4.8. A Bidder shall be deemed to have the nationality of a country if the Bidder 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 subcontractors or subconsultants for any part of the Contract including related Services.

- 4.5 A Bidder that has been sanctioned by the Bank, pursuant to the Bank's Integrity Framework and in accordance with its prevailing sanctions policies and procedures as set forth in the Bank's Integrity Framework as described in Section VI paragraph 2.2 d, shall be ineligible to be prequalified for, bid 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. The list of debarred firms and individuals is available at the electronic address **specified in the BDS**.
- 4.6 Bidders that are state-owned enterprises or institutions in the Purchaser's Country may be eligible to 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.
- 4.7 A Bidder shall not be under suspension from Bidding by the Purchaser as the result of the operation of a Bid-Securing Declaration.
- 4.8 Firms and individuals may be ineligible if so indicated in Section V and (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.
- 4.9 A Bidder shall provide such documentary evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.
- 4.10 In case a prequalification process has been conducted prior to the bidding process, this bidding is open only to prequalified Bidders.
- 4.11 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. Eligible Goods and Related Services

- 5.1 All the Goods and Related Services to be supplied under the Contract and financed by the Bank shall have their country of origin in an eligible country

of the Bank in accordance with the Bank's Procurement Policy for Bank Group Funded Operations described under the Bank's Procurement Framework, and as listed in Section V, Eligible Countries.

- 5.2 For purposes of this ITB, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.
- 5.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
- 5.4 The nationality of the firm that produces, assembles, distributes, or sells the Goods shall not determine their origin.

## Contents of the Bidding Document

### 6. Sections of Bidding Document

- 6.1 The bidding document consist of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB 8.

#### **PART 1 Bidding Procedures**

- Section I - Instructions to Bidders (ITB)
- Section II - Bidding Data Sheet (BDS)
- Section III - Evaluation and Qualification Criteria
- Section IV - Bidding Forms
- Section V - Eligible Countries
- Section VI - Fraud and Corruption

## PART 2 Supply Requirements

- Section VII - Schedule of Requirements

## PART 3 Contract

- Section VIII - General Conditions of Contract (GCC)
- Section IX - Special Conditions of Contract (SCC)
- Section X - Contract Forms

- 6.2 The Specific Procurement Notice, Invitation for Bids (IFB), issued by the Purchaser is not part of this bidding document.
- 6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the document, responses to requests for clarification, the Minutes of the pre-Bid meeting (if any), or Addenda to the bidding document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.
- 6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding document and to furnish with its Bid all information or documentation as is required by the bidding document.

## 7. Clarification of Bidding Document

- 7.1 A Bidder requiring any clarification of the bidding document shall contact the Purchaser in writing at the Purchaser's address **specified in the BDS**. The Purchaser will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of Bids within a period **specified in the BDS**. The Purchaser shall forward copies of its response to all Bidders who have acquired the bidding document in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so **specified in the BDS**, the Purchaser shall also promptly publish its response at the web page identified **in the BDS**. Should the clarification result in changes to the essential elements of the bidding document, the Purchaser shall amend the bidding document following the procedure under ITB 8 and ITB 22.2.

## 8. Amendment of Bidding Document

- 8.1 At any time prior to the deadline for submission of Bids, the Purchaser may amend the bidding document by issuing addenda.
- 8.2 Any addendum issued shall be part of the bidding document and shall be communicated in writing to all who have obtained the bidding document from the Purchaser in accordance with ITB 6.3. The Purchaser shall also promptly publish the addendum on the Purchaser's web page in accordance with ITB 7.1.

- 8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Purchaser may, at its discretion, extend the deadline for the submission of Bids, pursuant to ITB 22.2.

## Preparation of Bids

### 9. Cost of Bidding

- 9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

### 10. Language of Bid

- 10.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in the language **specified in the BDS**. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language **specified in the BDS**, in which case, for purposes of interpretation of the Bid, such translation shall govern.

### 11. Documents Comprising the Bid

- 11.1 The Bid shall comprise the following including all forms specified under Section IV, duly completed by the Bidder:
- (a) **Letter of Bid** prepared in accordance with ITB 12;
  - (b) **Price Schedules**: completed in accordance with ITB 12 and ITB 14;
  - (c) **Bid Security** or **Bid-Securing Declaration**, in accordance with ITB 19.1;
  - (d) **Technical Bid-Base Bid**;
  - (e) **Commercial Terms and Conditions**
  - (f) **Alternative Technical Bid**: if permissible, in accordance with ITB 13;
  - (g) **Authorization**: written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.3;
  - (h) **Qualifications**: documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the Contract if its Bid is accepted;
  - (i) **Bidder's Eligibility**: documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;
  - (j) **Eligibility of Goods and Related Services**: documentary evidence in accordance with ITB 16, establishing the eligibility of the Goods and Related Services to be supplied by the Bidder;

- (k) **Conformity:** documentary evidence in accordance with ITB 16 and ITB 31, and in support of above sub-paragraphs (d) and (e) of ITB 11.1 as necessary to establish that the Goods and Related Services, and Terms and Conditions of the Bid conform to requirements and provisions of the bidding document;
  - (l) **Manufacture's Authorization** in accordance with ITB 17.2 (a); and
  - (m) any other document required **in the BDS.**
- 11.2 In addition to the requirements under ITB 11.1, Bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Bid shall be signed by all members and submitted with the Bid, together with a copy of the proposed Agreement.
- 11.3 The Bidder shall furnish in the Letter of Bid information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.

## 12. Letter of Bid and Price Schedules

- 12.1. The Letter of Bid and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.3. All blank spaces shall be filled in with the information requested.

## 13. Alternative Bids

- 13.1. Unless otherwise **specified in the BDS**, alternative Bids shall not be considered.

## 14. Bid Prices and Discounts

- 14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price Schedules shall conform to the requirements specified below.
- 14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.
- 14.3 The price to be quoted in the Letter of Bid in accordance with ITB 12.1 shall be the total price of the Bid, excluding any discounts offered.
- 14.4 The Bidder shall quote any discounts and indicate the methodology for their application in the Letter of Bid, in accordance with ITB 12.1, ITB 14.6 and 14.7.
- 14.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise **specified in the BDS**. A Bid submitted with an adjustable price basis shall be treated as nonresponsive and shall be rejected, pursuant to ITB 30. However, if in accordance with **the BDS**, prices quoted by the Bidder shall be subject to

adjustment during the performance of the Contract, a Bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.

- 14.6 In accordance with ITB 1.1, Bids are being invited for individual items, individual lots (contracts) or for any combination of lots (packages) as specified in **BDS**. Unless otherwise **specified in the BDS**, prices quoted shall correspond to 100% of the quantity for each individual item (of bids invited for individual items), 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot (of bids invited for individual lots and combination of lots). Bidders wishing to offer discounts for the award of more than one individual item (of bids invited for individual items), for award of more than one lot (of bids invited for individual lots or combination of lots) shall specify in their Bid the price reductions, as applicable, to each item, to each individual lot, and to the combination of lots (package), as applicable or alternatively, to individual Contracts within the package provided in all cases how discounts will be applied to individual items is made clear. Discounts shall be submitted in accordance with ITB 14.4 and 14.6 with due regards to consequences of unclear or ambiguous discounts as per ITB 14.7 provided the Bids for all lots (contracts) are opened at the same time.
- 14.7 Discounts offered shall be clear and without any vagueness or ambiguity as no clarification shall be requested or permitted on this account after Bid submission. The Purchaser's decision on discounts will be based on the contents of the Bid itself, without recourse to any extrinsic evidence. If in the Purchaser's opinion, which will be final, a discount offered in the bid: (i) is seriously unclear, ambiguous or vaguely presented to such extent that it cannot be either interpreted or applied with reasonable accuracy, the Bid shall be rejected; (ii) has a minor discrepancy or unclarity which could be interpreted reasonably, the Purchaser in this case may decide to apply the discount as it deems reasonable and appropriate resulting in the lowest evaluated cost to the Purchaser. If the Bidder does not accept the Purchaser's decision based on any of the above, the Bid shall be rejected.
- 14.8 The terms EXW, CIP, and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce, as **specified in the BDS**.
- 14.9 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms as mentioned under (a), (b), (c) and (d) below. For a specific item of Goods only one Price Schedule shall be used as per applicable classification of that item i.e. whether the item is manufactured and offered within the Purchaser's country or to be imported pursuant to the award of contract or previously imported. No changes in the offered Price Schedule or classification shall be permitted after bid opening. Failure to follow these instructions may result in rejection of bids. The disaggregation of price components is required solely for the purpose of facilitating the comparison

of Bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered e.g. instead of taking delivery at the final destination, the delivery may be taken at ex-works or at the destination. Similarly, if bids have been invited on CIP destination price in addition to other terms e.g. FOB or FCA, etc. then at the Purchaser's option, the award may be made on such other terms instead of CIP Price although comparison and evaluation of bids shall still be based on CIP final destination prices. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Bank's Procurement Framework and as listed in Section V, Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Bank Procurement Framework and as listed in Section V, Eligible Countries. BDS indicates if the "Final Destination" (project site) is different from the "Destination" and their addresses. Prices shall be entered in Price Schedules accordingly and in the following manner:

- (a) For Goods manufactured in the Purchaser's Country:
  - (i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
  - (ii) any Purchaser's Country sales tax and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
  - (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) **specified in the BDS.**
- (b) For Goods manufactured outside the Purchaser's Country, to be imported:
  - (i) the price of the Goods, quoted CIP named place of destination, in the Purchaser's Country, as **specified in the BDS.** If "final destination" is the same as "destination" then CIP price under columns 6 and 7 of the Price Schedule form applicable for Goods to be imported shall be quoted for named place of final destination;
  - (ii) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) **specified in the BDS.** If named place of "final destination" is the same as "destination" then cost under (b) (ii) shall not be indicated under column 8 of the Price Schedule form applicable for Goods to be imported and will state "Not Applicable". But instead, CIP final

destination price quoted as per (b) (i) above shall include such costs;

- (c) For Goods manufactured outside the Purchaser's Country, already imported:
- (i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported;
  - (ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
  - (iii) the price of the Goods, obtained as the difference between (i) and (ii) above;
  - (iv) any Purchaser's Country sales and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
  - (v) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) **specified in the BDS.**
- (d) For Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements, the price of each item comprising the Related Services (inclusive of any applicable taxes).

## 15. Currencies of Bid and Payment

15.1 The currency(ies) of the Bid and the currency(ies) of payments shall be the same. The Bidder shall quote in the currency of the Purchaser's Country the portion of the Bid price that corresponds to expenditures incurred in the currency of the Purchaser's Country, unless otherwise **specified in the BDS.**

15.2 The Bidder may express the Bid price in any currency. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three foreign currencies in addition to the currency of the Purchaser's Country.

## 16. Documents Establishing the Eligibility and Conformity of the Goods and Related Services

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

16.2 To establish the conformity of the Goods and Related Services to the bidding document, the Bidder shall furnish as part of its Bid the documentary

evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.

- 16.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.
- 16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser.
- 16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

## 17. Documents Establishing the Eligibility and Qualifications of the Bidder

- 17.1 To establish Bidder's eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms.
- 17.2 The documentary evidence of the Bidder's qualifications to perform the Contract if its Bid is accepted shall establish to the Purchaser's satisfaction:
- (a) that, if required **in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;
  - (b) that, if required **in the BDS**, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the Contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
  - (c) that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.

## 18. Period of Validity of Bids

- 18.1. Bids shall remain valid for the Bid Validity period **specified in the BDS**. The Bid Validity period starts from the date fixed for the Bid submission deadline (as prescribed by the Purchaser in accordance with ITB 22.1). A Bid valid for a shorter period shall be rejected by the Purchaser as nonresponsive.
- 18.2. In exceptional circumstances, prior to the expiration of the Bid validity period, the Purchaser may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB 19, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid, except as provided in ITB 18.3.
- 18.3. If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial Bid validity period, the Contract price shall be determined as follows:
- (a) in the case of fixed price contracts, the Contract price shall be the Bid price adjusted by the factor **specified in the BDS** to reflect any increase in the cost of inputs over the period starting from the date immediately after expiry of 56 days until the date of award;
  - (b) in the case of adjustable price contracts, no adjustment shall be made;
  - (c) in any case, Bid evaluation shall be based on the Bid price without taking into consideration the applicable correction from those indicated above.

## 19. Bid Security

- 19.1. The Bidder shall furnish as part of its Bid, either a Bid-Securing Declaration or a Bid Security amount, as **specified in the BDS**, in original form and, in the case of a Bid Security amount, in the amount and currency **specified in the BDS**.
- 19.2. A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.
- 19.3. If a Bid Security amount is specified pursuant to ITB 19.1, the Bid Security shall be a demand guarantee in any of the following forms at the Bidder's option:
- (a) an unconditional guarantee issued by a bank or non-bank financial institution (such as an insurance, bonding or surety company);
  - (b) an irrevocable letter of credit;
  - (c) a cashier's or certified check; or
  - (d) another security **specified in the BDS**,

from a reputable source, and an eligible country. If an unconditional guarantee is issued by a non-bank financial institution located outside the Purchaser's Country, the issuing non-bank financial institution shall have a correspondent financial institution located in the Purchaser's Country to make it enforceable unless the Purchaser has agreed in writing, prior to Bid submission, that a correspondent financial institution is not required. In the case of a bank guarantee, the Bid Security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the Purchaser prior to Bid submission. The Bid Security shall be valid for twenty-eight (28) days beyond the original validity period of the Bid, or beyond any period of extension if requested under ITB 18.2.

- 19.4. If a Bid Security in amount or Bid-Securing Declaration is specified pursuant to ITB 19.1, any Bid not accompanied by a substantially responsive Bid Security in amount or Bid-Securing Declaration, whichever is required shall be rejected by the Purchaser as non-responsive.
- 19.5. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the Contract and furnishing the Performance Security pursuant to ITB 46.
- 19.6. The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required Performance Security.
- 19.7. The Bid Security amount may be forfeited:
  - (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder in the Letter of Bid, or any extension thereto provided by the Bidder; or
  - (b) if the successful Bidder fails to:
    - (i) sign the Contract in accordance with ITB 45; or
    - (ii) furnish a Performance Security in accordance with ITB 46.
- 19.8. The Bid Security amount or Bid- Securing Declaration of a JV must be in the name of the JV that submits the Bid. If the JV has not been legally constituted into a legally enforceable JV at the time of Bidding, the Bid Security amount or Bid-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITB 4.1 and ITB 11.2.
- 19.9. If a Bid Securing Declaration is required **in the BDS**, pursuant to ITB 19.1, and
  - (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Letter of Bid or any extension thereto provided by the Bidder; or

- (b) if the successful Bidder fails to: sign the Contract in accordance with ITB 45; or furnish a performance security in accordance with ITB 46;

the Borrower may execute the Bid-Securing Declaration, as provided for in **the BDS**, and declare the Bidder ineligible to be awarded a contract by the Purchaser for a period of time as stated in **the BDS**.

## 20. Format and Signing of Bid

- 20.1 The Bidder shall prepare one original of the documents comprising the Bid as described in ITB 11 and clearly mark it "ORIGINAL." Alternative Bids, if permitted in accordance with ITB 13, shall be clearly marked "ALTERNATIVE." In addition, the Bidder shall submit copies of the Bid, in the number **specified in the BDS** and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.
- 20.2 Bidders shall mark as "CONFIDENTIAL" information in their Bids which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.
- 20.3 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as **specified in the BDS** and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid where entries or amendments have been made shall be signed or initialed by the person signing the Bid.
- 20.4 In case the Bidder is a JV, the Bid 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 representatives.
- 20.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

## Submission and Opening of Bids

### 21. Sealing and Marking of Bids

- 21.1. The Bidder shall deliver the Bid in a single, sealed envelope (one-envelope Bidding process). Within the single envelope the Bidder shall place the following separate, sealed envelopes:
- (a) in an envelope marked "ORIGINAL", all documents comprising the Bid, as described in ITB 11; and
  - (b) in an envelope marked "COPIES", all required copies of the Bid; and,

- (c) if alternative Bids are permitted in accordance with ITB 13, and if relevant:
  - i. in an envelope marked "ORIGINAL -ALTERNATIVE", the alternative Bid; and
  - ii. in the envelope marked "COPIES – ALTERNATIVE BID" all required copies of the alternative Bid.

21.2. The inner and outer envelopes, shall:

- (a) bear the name and address of the Bidder;
- (b) be addressed to the Purchaser in accordance with ITB 22.1;
- (c) bear the specific identification of this Bidding process indicated in ITB 1.1; and
- (d) bear a warning not to open before the time and date for Bid opening.

21.3 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the Bid.

## 22. Deadline for Submission of Bids

22.1. Bids must be received by the Purchaser at the address and no later than the date and time **specified in the BDS**. When so **specified in the BDS**, Bidders shall have the option of submitting their Bids electronically. Bidders submitting Bids electronically shall follow the electronic Bid submission procedures **specified in the BDS**.

22.2. The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the bidding document in accordance with ITB 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

## 23. Late Bids

23.1. The Purchaser shall not consider any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 22. Any Bid received by the Purchaser after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.

## 24. Withdrawal, Substitution, and Modification of Bids

24.1. A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITB 20.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Bid must accompany the respective written notice. All notices must be:

- (a) prepared and submitted in accordance with ITB 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION;" and
  - (b) received by the Purchaser prior to the deadline prescribed for submission of Bids, in accordance with ITB 22.
- 24.2. Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.
- 24.3. No Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder on the Letter of Bid or any extension thereof.

## 25. Bid Opening

- 25.1. Except as in the cases specified in ITB 23 and ITB 24.2, the Purchaser shall, at the Bid opening, publicly open and read out all Bids received by the deadline at the date, time and place **specified in the BDS** in the presence of Bidders' designated representatives and anyone who chooses to attend Any specific electronic Bid opening procedures required if electronic bidding is permitted in accordance with ITB 22.1, shall be as **specified in the BDS**.
- 25.2. First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding Bid shall not be opened, but returned to the Bidder. If the withdrawal envelope does not contain a copy of the "power of attorney" confirming the signature as a person duly authorized to sign on behalf of the Bidder, the corresponding Bid will be opened. No Bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Bid opening.
- 25.3. Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Bid opening.
- 25.4. Next, envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening.
- 25.5. Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the total Bid Prices, per item, and/or per lot (contract) as applicable, including any discounts and

alternative Bids; the presence or absence of a Bid Security, if required; and any other details as the Purchaser may consider appropriate.

- 25.6. Only Bids, alternative Bids and discounts that are opened and read out at Bid opening shall be considered further in the evaluation. The Letter of Bid and the Price Schedules are to be initialed by representatives of the Purchaser attending Bid opening in the manner **specified in the BDS**.
- 25.7. The Purchaser shall neither discuss the merits of any Bid nor reject any Bid (except for late Bids, in accordance with ITB 23.1).
- 25.8. The Purchaser shall prepare a record of the Bid opening that shall include, as a minimum:
- (a) the name of the Bidder and whether there is a withdrawal, substitution, or modification;
  - (b) the Bid Price, per item, and/or per lot (contract) as applicable, including any discounts;
  - (c) any alternative Bids;
  - (d) the presence or absence of a Bid Security or Bid-Securing Declaration, if one was required.
- 25.9. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.

## Evaluation and Comparison of Bids

### 26. Confidentiality

- 26.1 Information relating to the evaluation of Bids and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the Bidding process until the information on Intention to Award the Contract is transmitted to all Bidders in accordance with ITB 40.
- 26.2 Any effort by a Bidder to influence the Purchaser in the evaluation or contract award decisions may result in the rejection of its Bid.
- 26.3 Notwithstanding ITB 26.2, from the time of Bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the Bidding process, it should do so in writing.

### 27. Preliminary Examination of Bids

- 27.1 Prior to the detailed evaluation, pursuant to ITB 35, the Purchaser will conduct preliminary examination of all bids that have been received by the deadline for bid submission and opened at public bid opening as the first step towards determination of their substantial responsiveness to the bidding document. The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself, as defined in ITB 11 without recourse to extrinsic evidence.
- 27.2 The Purchaser will verify and examine bids to determine whether they are complete, properly signed to bind the bidder, meet eligibility requirements of bidders, goods and services, bidders have no conflict of interest and have provided required bid validity, bid security or bid securing declaration, as required and other essential documents to complete the evaluation, and whether the bids are generally in order. Subject to ITB 28, Bids failing to meet the above requirements shall be rejected and not retained for further review.

## 28. Clarification of Bids

- 28.1 To assist in the examination, evaluation, comparison of the Bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the Bids, in accordance with ITB 32
- 28.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the Purchaser's request for clarification, its Bid may be rejected.

## 29. Deviations, Reservations, and Omissions

- 29.1 During the evaluation of Bids, the following definitions apply:
- (a) "Deviation" is a departure from the requirements specified in the bidding document;
  - (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the bidding document; and
  - (c) "Omission" is the failure to submit part or all of the information or documentation required in the bidding document.

## 30. Determination of Responsiveness

- 30.1 Following rejection of Bids if any, pursuant to ITB 27 and ITB 28, as the next step, the remaining Bids will be further reviewed in detail to determine their substantial responsiveness. The Purchaser's determination of a Bid's

responsiveness is to be based on the contents of the Bid itself, as defined in ITB 11.

30.2 A substantially responsive Bid is one that meets the requirements of the bidding document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

- (a) if accepted, would:
  - (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
  - (ii) limit in any substantial way, inconsistent with the bidding document, the Purchaser's rights or the Bidder's obligations under the Contract; or
- (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.

30.3 The Purchaser shall examine the technical aspects of the Bid in accordance with ITB 16 and ITB 17, ITB 30, ITB 31, the BDS if applicable, and Section III Evaluation and Qualification Criteria in particular, to confirm that all requirements of Section VII, Schedule of Requirements and technical specifications have been met without any material deviation or reservation, or omission. To this end, in consideration of materiality of any deviations, reservations or omissions, Bids failing to meet the mandatory technical requirements or minimum pass-fail technical criteria or failing to substantially meet any other technical requirements of the bidding document will be rejected.

30.4 The Purchaser shall similarly examine the commercial aspects of the bids including any deviations, other than technical specifications, submitted in response to the provisions of the bidding document, to determine if they conform to the terms and conditions of the draft contract and other documents included in the bidding document without any material deviation, reservation or omission, and establishment of materiality in such aspects will similarly risk rejection of the Bids.

30.5 If a Bid is not substantially responsive to the requirements of the bidding document, it shall be rejected by the Purchaser and not subsequently be made responsive by correction of the material deviation, reservation, or omission. All other bids determined substantially responsive will be retained for further evaluation.

## 31. Nonconformities, Errors and Omissions

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformities in the Bid.

- 31.2 Provided that a Bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
- 31.3 Provided that a Bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component, and costs associated, if any, with non-material deviations, reservations and omissions to the requirements of the bidding documents in the manner **specified in the BDS**.

### 32. Correction of Arithmetical Errors

- 32.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:
- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
  - (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
  - (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
- 32.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 32.1, shall result in the rejection of the Bid.

### 33. Conversion to Single Currency

- 33.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted in a single currency as **specified in the BDS**.

### 34. Margin of Preference

- 34.1 Unless otherwise **specified in the BDS**, no margin of domestic or regional preference shall apply. If a margin of preference applies, the application methodology shall be as specified in Section III, Evaluation and Qualification

Criteria, and in accordance with the provisions stipulated in the Bank's Procurement Framework.

### 35. Evaluation of Bids

35.1 The Purchaser shall use the criteria and methodologies listed in this ITB and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Purchaser shall determine the successful Bid or Bids which has/have been determined to:

- (a) be substantially responsive to the bidding document;
- (b) offer the lowest evaluated total cost to the Purchaser for all items to be procured based on either a single Contract or all multiple Contracts combined, as the case may be, in accordance with the ITB 14.6 inviting bid prices and discounts, and provisions made in the Bidding Document for evaluation of bids and award of contract (s); and
- (c) be offered by Bidder or Bidders that substantially meet the qualification criteria applicable for Contract or Contracts for which they are selected.

35.2 To evaluate a Bid, the Purchaser shall consider the following factors with respect to the Base Bid and Alternative Bid (s) (if the latter is permitted in the BDS), in accordance with the criteria and methodology described in Section III—Evaluation and Qualification Criteria:

- (a) evaluation will be done for Items or Lots (contracts) or combination of Lots (Packages), as **specified in the BDS**; and the Bid Price as quoted in accordance with ITB 14;
- (b) price adjustment for correction of arithmetic errors in accordance with ITB 32.1;
- (c) price adjustment due to discounts offered in accordance with ITB 12.1, ITB 14.4, ITB 14.6 and ITB 14.7;
- (d) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 33;
- (e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 31.3;
- (f) the additional evaluation factors **specified in the BDS** if any, and Section III, Evaluation and Qualification Criteria; and
- (g) price adjustment due to application of Margin of Preference, if applicable, as per ITB 34, BDS and Section III, Evaluation and Qualification Criteria.

- 35.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.
- 35.4 If this bidding document allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated cost of the lot (contract) combinations, including any discounts offered in the Letter of Bid, is specified in Section III, Evaluation and Qualification Criteria.
- 35.5 The Purchaser's evaluation of a Bid will exclude and not take into account:
- (a) in the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; and
  - (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder.
- 35.6 The Purchaser's evaluation of a Bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB 14. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Bids, unless otherwise **specified in the BDS** from amongst those set out in Section III, Evaluation and Qualification Criteria. The criteria and methodologies to be used shall be as specified in ITB 35.2(f).

## 36. Comparison of Bids

- 36.1 The Purchaser shall compare the evaluated costs of all substantially responsive Bids established in accordance with ITB 35.2 to determine the Bid that has the lowest evaluated cost. The comparison shall be on the basis of CIP (place of final destination) prices for goods to be imported and prices for delivery to final destination for goods already imported less the custom duties and other import taxes already paid or to be paid on such goods (need to be supported with documentary evidence) and EXW prices, plus cost of inland transportation and insurance to place of final destination, for goods manufactured within the Borrower's country, together with prices for any required installation, training, commissioning and other services as per price schedules included in Section IV. The evaluation of prices shall not take into account custom duties and other taxes levied on imported goods (to be imported or already imported) and sales and similar taxes levied in connection with the sale or delivery of goods.

## 37. Qualification of the Bidder

- 37.1 The Purchaser shall determine, to its satisfaction, whether the eligible Bidder or Bidders that is/are selected for Items, Lots, Packages and/or their combinations as having submitted the lowest evaluated cost and substantially responsive Bid (s) substantially meet the respective minimum qualifying criteria specified in Section III, Evaluation and Qualification Criteria. To this end, the Purchaser will determine for which Items, Lots and Packages, and their combinations, as the case may be, for which Bidder submitted bid, it substantially meets the respective minimum qualification criteria.
- 37.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17. The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the bidding document), or any other firm(s) different from the Bidder.
- 37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in which event the Purchaser shall proceed to the Bidder or Bidders who offered the substantially responsive Bid (s) with the next lowest evaluated cost to make a similar determination of that Bidder's qualifications to perform satisfactorily.
- 37.4 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 the Bidder to perform the Contract or combination of Contracts.

### **38. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids**

- 38.1 The Purchaser reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract Award, without thereby incurring any liability to Bidders. In case of annulment, all Bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.

### **39. Standstill Period**

- 39.1 The Contract shall not be awarded earlier than the expiry of the Standstill Period. The Standstill Period shall be ten (10) Business Days unless extended in accordance with ITB 44. The Standstill Period starts the day after the date the Purchaser has transmitted to each Bidder the Notification of Intention to Award the Contract. Where only one Bid is submitted, or if this contract is in response to an emergency situation recognized by the Bank, the Standstill Period shall not apply.

### **40. Notification of Intention to Award**

- 40.1 The Purchaser shall send to each Bidder the Notification of Intention to Award the Contract to the successful Bidder. The Notification of Intention to Award shall contain, at a minimum, the following information:
- (a) the name and address of the Bidder submitting the successful Bid;
  - (b) the Contract price of the successful Bid;
  - (c) the names of all Bidders who submitted Bids, and their Bid prices as readout, and as evaluated;
  - (d) a statement of the reason(s) the Bid (of the unsuccessful Bidder to whom the notification is addressed) was unsuccessful, unless the price information in c) above already reveals the reason;
  - (e) the expiry date of the Standstill Period;
  - (f) instructions on how to request a debriefing and/or submit a complaint during the standstill period.

## Award of Contract

### 41. Award Criteria

- 41.1 Subject to ITB 38 and consistent with determination of successful Bid or Bids as per ITB 35, and unless otherwise **specified in the BDS**:

- i) For evaluation based on individual items as per ITB 1.1, 14.6 and 35.2
  - (a)

The Purchaser shall award the Contract or Contracts to the Selected Bidder or Bidders that have offered bids substantially responsive to the Bidding Document and have been determined successful for one or more items, evaluated bid prices of which shall result in the lowest evaluated cost to the Purchaser for all items combined provided further that the selected Bidder or Bidders substantially meet the required qualifying criteria for item or items for which they are successful.

- ii) For evaluation based on Lots or Packages as per ITB 1.1, 14.6 and 35.2
  - (a)

Same as i) above except replace "item" or "items" wherever appearing with "Lot" and "Lots", or "Package" and "Packages" as the case may be.

### 42. Purchaser's Right to Vary Quantities at Time of Award

- 42.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages **specified in the BDS**, and without any change in the

unit prices or other terms and conditions of the Bid and the bidding document.

### 43. Notification of Award

- 43.1 Prior to the expiration of the Bid Validity Period and upon expiry of the Standstill Period, specified in ITB 39.1 or any extension thereof, and upon satisfactorily addressing any complaint that has been filed within the Standstill Period, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification of award (hereinafter and in the Contract Forms called the "Letter of Acceptance") shall specify the sum that the Purchaser will pay the Supplier in consideration of the execution of the Contract (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price").
- 43.2 Within ten (10) Business Days after the date of transmission of the Letter of Acceptance, the Purchaser shall publish the Contract Award Notice which shall contain, at a minimum, the following information:
- (a) name and address of the Purchaser;
  - (b) name and reference number of the contract being awarded, and the selection method used;
  - (c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated;
  - (d) names of all Bidders whose Bids were rejected either as nonresponsive or as not meeting qualification criteria, or were not evaluated, with the reasons therefor;
  - (e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope; and
  - (f) successful Bidder's Beneficial Ownership Disclosure Form, if specified in BDS ITB 45.1.
- 43.3 The Contract Award Notice shall be published on the Purchaser's website with free access if available, or in at least one newspaper of national circulation in the Purchaser's Country, or in the official gazette. The Purchaser shall also publish the contract award notice on the Bank's website and in UNDB online.
- 43.4 Until a formal Contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.

### 44. Debriefing by the Purchaser

- 44.1 On receipt of the Purchaser's Notification of Intention to Award referred to in ITB 40.1, an unsuccessful Bidder has three (3) Business Days to make a written request to the Purchaser for a debriefing. The Purchaser shall provide

a debriefing to all unsuccessful Bidders whose request is received within this deadline.

- 44.2 Where a request for debriefing is received within the deadline, the Purchaser shall provide a debriefing within five (5) Business Days, unless the Purchaser decides, for justifiable reasons, to provide the debriefing outside this timeframe. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period shall not end earlier than five (5) Business Days after the last debriefing takes place. The Purchaser shall promptly inform, by the quickest means available, all Bidders of the extended standstill period
- 44.3 Where a request for debriefing is received by the Purchaser later than the three (3)-Business Day deadline, the Purchaser should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of contract. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.
- 44.4 Debriefings of unsuccessful Bidders may be done in writing or verbally. The Bidders shall bear their own costs of attending such a debriefing meeting.

## 45. Signing of Contract

- 45.1 The Purchaser shall send to the successful Bidder the Letter of Acceptance including the Contract Agreement, and, if **specified in the BDS**, a request to submit the Beneficial Ownership Disclosure Form providing additional information on its beneficial ownership. The Beneficial Ownership Disclosure Form, if so requested, shall be submitted within eight (8) Business Days of receiving this request.
- 45.2 The successful Bidder shall sign, date and return to the Purchaser, the Contract Agreement within twenty-eight (28) days of its receipt.
- 45.3 Notwithstanding ITB 45.2 above, in case signing of the Contract Agreement is prevented by any export restrictions attributable to the Purchaser, to the country of the Purchaser, or to the use of the products/goods, systems or services to be supplied, where such export restrictions arise from trade regulations from a country supplying those products/goods, systems or services, the Bidder shall not be bound by its Bid, always provided however, that the Bidder can demonstrate to the satisfaction of the Purchaser and of the Bank that signing of the Contract Agreement has not been prevented by any lack of diligence on the part of the Bidder in completing any formalities, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract.

## 46. Performance Security

- 46.1 Within twenty-eight (28) days of the receipt of Letter of Acceptance from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC 18, using for that purpose the Performance Security Form included in Section X, Contract Forms, or another Form acceptable to the Purchaser. If the Performance Security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Purchaser. A foreign institution providing a bond shall have a correspondent financial institution located in the Purchaser's Country, unless the Purchaser has agreed in writing that a correspondent financial institution is not required.
- 46.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the Bidder or Bidders offering the next Lowest Evaluated Cost to the Purchaser as per the bid Evaluation and award criteria.

## 47. Procurement Related Complaint

- 47.1 The procedures for making a Procurement-related Complaint are as **specified in the BDS**.

## Section II - Bid Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in the ITB.

ITB Reference	A. General
ITB 1.1	<p>The reference number of the Invitation for Bids (IFB) is: <b>043/CVTP-II/UGPE/2026</b></p> <p>The Purchaser is: <b>Unidade de Gestão de Projectos Especiais (UGPE)   Ministério das Finanças</b></p> <p>The name of the IFB is: <b>Supply, Installation of Exterior Lighting and CCTV System for the Technology Park – Phase II (Open Competitive Bidding International - OCBI)</b></p> <p>The number and identification of items, lots or combination of lots (packages) comprising this IFB is: <b>one (1) Lot - Bids are invited for a single, indivisible scope of supply - 1 (one) contract.</b></p>
ITB 2.1	<p>The Borrower is: <b>The Government of the Republic of Cabo Verde</b></p> <p>Loan or Financing Agreement amount: <b>14,000,000.00 EURO</b></p> <p>The Specific Bank financing institution is: <b>ADB (African Development Bank)</b></p> <p>The name of the Project is: <b>Cabo Verde Technology Park (CVTP) – Phase II</b></p>
ITB 4.1 (a)	The firms in a Joint Venture, Consortium or Association (JV) shall be jointly and severally liable.
ITB 4.1 (c)	Maximum number of members in the Joint Venture, Consortium or Association (JV) shall be: <b>2 (Two)</b>
ITB 4.5	A list of debarred firms and individuals is available on the Bank's external website: <a href="https://www.afdb.org/en/projects-operations/debarment-and-sanctions-procedures">https://www.afdb.org/en/projects-operations/debarment-and-sanctions-procedures</a>
<b>B. Contents of Bidding Document</b>	
ITB 7.1	For <u>Clarification of Bid purposes</u> only, the Purchaser's address is: Attention: <b>Carlos Delgado   Edna Fernandes</b>

	<p>Address: <b>Av. Amilcar Cabral, ex-Edifício BCV, 4º Andar, Plateau</b></p> <p>City: <b>Cidade da Praia, Ilha de Santiago</b></p> <p>Country: <b>Republica de Cabo Verde</b></p> <p>Telephone: <b>+238 261 7584/ +238 261 6198</b></p> <p>Electronic mail address: <a href="mailto:carlos.delgado@techpark.cv">carlos.delgado@techpark.cv</a>;  <a href="mailto:edna.fernandes@mf.gov.cv">edna.fernandes@mf.gov.cv</a>; <a href="mailto:adilma.silva@mf.gov.cv">adilma.silva@mf.gov.cv</a>;  <a href="mailto:Karine.tavares@mf.gov.cv">Karine.tavares@mf.gov.cv</a></p> <p>Cc: <a href="mailto:nuno.gomes@mf.gov.cv">nuno.gomes@mf.gov.cv</a>;</p> <p>Requests for clarification should be received by the Purchaser no later than: <b>15 days prior to the submission deadline, i.e. August 03, 2026</b></p> <p>Answers to clarification shall be published on the following Web page: <a href="https://sta-ugpe.gov.cv/concursos?projeto=P-CV-GB0-004">https://sta-ugpe.gov.cv/concursos?projeto=P-CV-GB0-004</a></p>
	<b>C. Preparation of Bids</b>
ITB 10.1	<p>The language of the Bid is: <b>English</b></p> <p>All correspondence exchange shall be in <b>English</b> language.</p> <p>Language for translation of supporting documents and printed literature is <b>English/Portuguese</b>.</p>
ITB 11.1 (m)	<p>The Bidder shall submit the following additional documents in its Bid:  <b><i>Not Applicable</i></b></p>
ITB 13.1	<p>Alternative Bids <b>shall not be</b> considered.</p>
ITB 14.5	<p>The prices quoted by the Bidder <b>shall not</b> be subject to adjustment during the performance of the Contract.</p>
ITB 14.6	<p><b>Prices quoted shall correspond to 100 % of the items specified for the lot and to 100% of the quantities specified for each item of the lot.</b></p>
ITB 14.8	<p>The Incoterms edition is: <b>2020 - DDP</b></p>
ITB 14.9 (b)(i)	<p>Place of destination: <b>DDP</b></p> <p><b>Cabo Verde Technology Park (CVTP)</b></p> <p><b>Achada Grande Frente, Santiago Island, Republic of Cabo Verde</b></p>

<p>ITB 14.9 (a)(iii), (b)(ii) and (c)(v)</p>	<p><b>Final Destination (Project Site):</b> <b>Cabo Verde Technology Park (CVTP)</b> <b>Santiago Island:</b> at Achada Grande Frente, Praia, Santiago</p> <p><b>All goods and services for the Cabo Verde Technology Park (CVTP) Project are exempts of VAT payment.</b></p> <p><i>The Project is exempted from payment of VAT, in the Purchaser's country as per the Law 53/VI/2005 and Decree-Law 88/2005 of December 26, 2005.</i></p> <p><i>There is no tax exemption in the Purchaser's country, for local payments, e.g. revenue taxes, VAT for personal acquisitions, as per the Law n° 10/VIII/2011 – December 30, 2011.</i></p>
<p>ITB 15.1</p>	<p>The prices shall be quoted by the bidder in <b>EUROS</b>.</p> <p>The Bidder is <b>not</b> required to quote in the currency of the Purchaser's Country the portion of the Bid price that corresponds to expenditures incurred in that currency.</p>
<p>ITB 16.4</p>	<p>Period of time the Goods are expected to be functioning (for the purpose of spare parts): <b>3 years from the date of commissioning, during which all mandatory spare parts shall be available.</b></p>
<p>ITB 17.2 (a)</p>	<p>Manufacturer's authorization is: <b>not required.</b></p> <p>The Bidder is requested to provide supporting documentation confirming its status as an authorized reseller, distributor, partner, or otherwise duly established supply channel for the proposed equipment/products.</p>
<p>ITB 17.2 (b)</p>	<p>Representation by an Agent for after sales service is: <b>required.</b></p>
<p>ITB 18.1</p>	<p>The Bid validity period shall be <b>120 days counting as of the deadline for Bid submission, i.e. December 16, 2026.</b></p>
<p>ITB 18.3 (a)</p>	<p>The Bid price shall be adjusted by the following factor(s): <b>Not Applicable</b></p>
<p>ITB 19.1</p>	<p><b>A Bid Security is required in a form of:</b></p> <p>(a) an unconditional guarantee issued by a bank or non-bank financial institution (such as an insurance, bonding or surety company);</p>

	<p>(b) an irrevocable letter of credit; or</p> <p>(c) a cashier's or certified check.</p> <p>The amount and currency of the Bid Security shall be € 12,000.00 (Twelve thousand Euro)</p> <p><b>Note:</b></p> <p>For bids submitted electronically, Bidders shall submit the Bid Security as part of the electronic bid submission and shall further ensure delivery of the <b>original hard copy of the Bid Security</b> to the UGPE address no later than ten (10) business days after the bid submission deadline, i.e. <b>September 01, 2026</b>.</p> <p>The Purchaser reserves the right to declare a Bid non-responsive should the original hard copy of the Bid Security not be received within the above-mentioned period.</p>
ITB 19.3 (d)	Other types of acceptable securities: <b>None</b>
ITB 20.1	<p>In addition to the original of the Bid, the number of copies is:</p> <ul style="list-style-type: none"> <li>• One (01) printed copy, and</li> <li>• An electronic version on a USB drive must be submitted.</li> </ul>
ITB 20.3	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: a <b>Power of Attorney, specifying that the signatory is authorized to sign the Bid and bind the Bidder.</b>
<b>D. Submission and Opening of Bids</b>	
ITB 22.1	<p>For <b><u>Bid submission purposes</u></b> only, the Purchaser's address is:</p> <p><b>Unidade de Gestão de Projectos Especiais (UGPE)</b>  <b>Attention: Nuno Gomes – UGPE Coordinator</b>  <b>Address: Av. Amilcar Cabral, ex-Edifício BCV, 4º Andar, Plateau</b>  <b>ZIP/Postal Code: 145</b>  <b>City: Cidade da Praia, Ilha de Santiago</b>  <b>Country: Republica de Cabo Verde</b>  <b>Telephone: +238 261 7584/ +238 261 6198</b></p> <p>Electronic mail address: <a href="mailto:carlos.delgado@techpark.cv">carlos.delgado@techpark.cv</a>;  <a href="mailto:edna.fernandes@mf.gov.cv">edna.fernandes@mf.gov.cv</a>; <a href="mailto:adilma.silva@mf.gov.cv">adilma.silva@mf.gov.cv</a>;  <a href="mailto:Karine.tavares@mf.gov.cv">Karine.tavares@mf.gov.cv</a>  Cc: <a href="mailto:nuno.gomes@mf.gov.cv">nuno.gomes@mf.gov.cv</a>;</p> <p><b>The deadline for Bid submission is:</b></p>

**Date: August 18, 2026**  
**Time: 03:00 p.m. (local time)**

Bidders shall have the option of submitting their Bids electronically.

**Recommendation:** It is strongly recommended that all bids submitted by email be protected with a password.

The electronic Bidding submission procedures shall be:

1. For submission of bids, Bidders have the option to submit their Bids to the e-mail addresses indicated below, using password protection:

Mr. Nuno Gomes – Coordinator UGPE

E-mail: [nuno.gomes@mf.gov.cv](mailto:nuno.gomes@mf.gov.cv);

Mr. Carlos Delgado – Project Manager

E-mail: [carlos.delgado@techpark.cv](mailto:carlos.delgado@techpark.cv);

Mrs. Edna Fernandes – Procurement Officer

Email : [edna.fernandes@mf.gov.cv](mailto:edna.fernandes@mf.gov.cv);

Mrs. Karine Tavares – Procurement Officer Assistant

Email: [Karine.tavares@mf.gov.cv](mailto:Karine.tavares@mf.gov.cv);

Mrs. Adilma Silva – Procurement Officer Assistant

Email: [adilma.silva@mf.gov.cv](mailto:adilma.silva@mf.gov.cv);

2. For bids protected with a password, bidders shall submit the password promptly after the bid submission deadline to the email addresses indicated above.
3. The email shall mandatory and clearly marked: "IFB ref. no. 043/CVTP-II/UGPE/2026 - Supply, Installation of Exterior Lighting and CCTV System For The Technology Park – Phase II"
4. Bids submitted by e-mail shall have a total size of up to 9 MB or, alternatively, be sent through a download link.
5. For bids submitted electronically, Bidders are reminded that, in addition to submitting the Bid Security electronically, the **original Bid Security** must be delivered to the UGPE address no later than ten (10) business days after the bid submission deadline (i.e., until September 01, 2026).

	<p>The Employer reserves the right to declare the Bids <b>non-responsive</b> if the original printed Bid Security is not received within the specified period.</p> <p>6. The Purchaser will not assume any responsibility for bids submitted via email without password protection and/or for failure to provide the password within the requested deadline.</p> <p>Bids submitted by email will be treated as originals. The Purchaser reserves the right to request any supporting documents as part of the evaluation process. Such documents may be verified or requested by the Purchaser prior to contract award.</p> <p>UGPE will promptly acknowledge receipt of bids submitted via email. Nevertheless, bidders are strongly recommended to call UGPE to confirm delivery at the following number:  <b>Unidade de Gestão de Projetos Especiais   Ministério das Finanças</b>  <b>Tel: (+238) 261 7584 / 261 6198</b></p>
ITB 25.1	<p>The Bid opening shall take place at:</p> <p><b>Unidade de Gestão de Projectos Especiais (UGPE)</b>  Address: <b>Av. Amilcar Cabral, ex-Edifício BCV, 4º Andar, Plateau</b>  City: <b>Cidade da Praia, Ilha de Santiago</b>  Country: <b>Republic of Cabo Verde</b></p> <p><b>Date: August 18, 2026</b>  <b>Time: 03:30 p.m. (local time)</b></p> <p>The electronic Bid opening procedures shall be as follows: <b>A link for the electronic bid opening will be provided to all bidders, prior to the scheduled opening session.</b></p>
ITB 25.6	<p>The Letter of Bid and Price Schedules shall be initialed by representatives of the Purchaser conducting Bid opening.</p> <p><b>Each Bid shall be initialed by all representatives and shall be numbered, any modification to the unit or total price.</b></p>
<b>E. Evaluation and Comparison of Bids</b>	
ITB 31.3	<p>The adjustments with respect to a missing or non-conforming item or component, and costs associated, if any, with non-material deviations, reservations or omissions to the requirements of the bidding document shall be based on the <b>highest</b> price of the item or component and cost, if any, of non-material deviations, reservations</p>

	<p>or omissions as quoted in or derived from other substantially responsive Bids unless any other specific evaluation criteria has been provided elsewhere in the bidding document for such adjustments in which case the latter shall be applied. If the price or cost of any of the above cannot be derived from the price or cost of other substantially responsive Bids, the Purchaser shall use its best estimate based on its own judgment, past experience or market search, as considered appropriate.</p>
ITB 33.1	<p>The currency that shall be used for Bid evaluation and comparison purposes to convert at the selling exchange rate all Bid prices expressed in various currencies into a single currency is: <b>EURO</b></p>
ITB 34.1	<p>A margin of domestic preference <b>shall not</b> apply. A margin of regional preference <b>shall not</b> apply.</p>
ITB 35.2(a)	<p>Evaluation shall be done for a <b>single Lot - 1 (one) contract</b></p> <p><b>Note:</b></p> <p><b>Bids will be evaluated, and the Contract awarded for a single lot, taking into account all unconditional discounts. The Contract will be awarded to the Bidder offering the lowest evaluated cost to the Purchaser.</b></p> <p><b>If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. An item not listed in the Price Schedule shall be assumed to be not included in the Bid, and provided that the Bid is substantially responsive, the highest price of the item quoted by substantially responsive Bidders will be added to the Bid price and the equivalent total cost of the Bid so determined will be used for price comparison.</b></p>

ITB 35.6	<p>The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria:</p> <ul style="list-style-type: none"> <li>(a) Deviation in Delivery schedule: <i>Yes</i></li> <li>(b) Deviation in payment schedule: <i>Yes</i></li> <li>(c) The cost of major replacement component, mandatory spare parts, and service: <i>No</i>.</li> <li>(d) The availability in the Purchaser's Country of spare parts and after-sales services for the equipment offered in the Bid: <i>Yes</i></li> <li>(e) Life cycle costs: the costs during the life of the goods or equipment: <i>No</i>.</li> <li>(f) The performance and productivity of the equipment offered; <i>No</i>.</li> </ul>
<b>F. Award of Contract</b>	
ITB 42	The maximum percentage by which quantities may be increased or decreased is: <i>15%</i>
ITB 45.1	<b>The successful Bidder shall submit the Beneficial Ownership Disclosure Form.</b>
ITB 47.1	<p>The procedures for making a Procurement-related Complaint are detailed in the <a href="#">Part B</a> of the Operations Procurement Manual under the Procurement Framework of the African Development Bank. If a Bidder wishes to make a Procurement-related Complaint, the Bidder shall submit its complaint following these procedures to the Purchaser, in writing (by the quickest means available, such as by email in accordance with the following:</p> <p><b>For the attention:</b> Nuno Gomes  <b>Title/position:</b> Coordinator - UGPE  <b>Purchaser:</b> Unidade de Gestão de Projetos Especiais - Ministério das Finanças</p> <p><b>Electronic mail address:</b> <a href="mailto:carlos.delgado@techpark.cv">carlos.delgado@techpark.cv</a>;  <a href="mailto:edna.fernandes@mf.gov.cv">edna.fernandes@mf.gov.cv</a>; <a href="mailto:adilma.silva@mf.gov.cv">adilma.silva@mf.gov.cv</a>;  <a href="mailto:Karine.tavares@mf.gov.cv">Karine.tavares@mf.gov.cv</a>;</p> <p><b>Cc:</b> <a href="mailto:nuno.gomes@mf.gov.cv">nuno.gomes@mf.gov.cv</a>;</p>

In summary, a Procurement-related Complaint may challenge any of the following:

1. the terms of the Bidding Documents;
2. the purchaser's decision to exclude a bidder from the procurement process prior to the award of contract; and
3. the Purchaser's decision to award the contract.

The Bank's Procurement Framework stipulates that bidders may send copies of their communications with the Borrowers to the Bank or write to the Bank directly when, Borrowers do not respond promptly, any questions on any issues regarding the implementation of Bank funded projects, or when the communication is a complaint against the Borrower. In this regard, if a bidder wishes to protest against a decision made by a Borrower or the Bank with regards to the procurement process or wishes to inform the Bank that the Bank's procurement rules and/or provisions of the bidding documents have not been complied with, an email can be sent to the following address:

**Email:** [procurementcomplaints@afdb.org](mailto:procurementcomplaints@afdb.org)



# Section III - Evaluation and Qualification Criteria

## Contents

<b>I. Margin of Preference (ITB 34)</b> .....	<b>46</b>
<b>II. Successful Bid or Bids</b> .....	<b>46</b>
1. Evaluation: Technical Bid and Commercial Conditions (ITB 30.3 and ITB 30.4).....	46
2. Evaluation (ITB 35.6).....	46
3. Qualification of Bidders (ITB 37).....	47

## I. Margin of Preference (ITB 34) - Not Applicable

## II. Successful Bid or Bids

The Purchaser shall apply the criteria and methodologies listed in this Section to evaluate Bids and determine the successful Bid or Bids which has/have been determined to:

- (a) be substantially responsive to the bidding document;
- (b) offer the lowest evaluated total cost to the Purchaser for all items to be procured based on either a single Contract or all multiple Contracts combined, as the case may be, in accordance with the ITB 14.6 inviting bid prices and discounts, and provisions made in the Bidding Document for evaluation of bids and award of contract (s); and
- (c) be offered by Bidder or Bidders that substantially meet the qualification criteria applicable for Contract or Contracts for which they are selected.

### 1. Evaluation: Technical Bid and Commercial Conditions (ITB 30.3 and ITB 30.4)

**1.1 Evaluation of Technical Bid (Reference ITB 16 and ITB 30.3):** The Purchaser shall evaluate the Technical Bid to determine compliance with the Purchaser's requirements under Section VII 'Schedule of Requirement' and whether the Bids are substantially responsive to the Technical Specifications and other Requirements. **[Bidder shall provide form (s) titled "Technical Bid-Base Bid" and "Technical Bid-Alternative Bid" (if latter is permitted) as per Section IV]**

**1.2 Evaluation of Commercial Terms and Conditions of the Bid (Reference ITB 30.4):** The Purchaser shall determine whether the Bids are substantially responsive to the Commercial and Contractual Terms and Conditions. **[Bidder shall provide form titled "Commercial Terms and Conditions" as per Section IV]**

### 2. Evaluation (ITB 35.6)

#### 2.1. Evaluation Criteria (Other Factors) (ITB 35.6)

The Purchaser's evaluation of a Bid may take into account, in addition to the Bid Price quoted in accordance with ITB 14.9, one or more of the following factors as specified in ITB 35.2(f) and in BDS referring to ITB 35.6, using the following criteria and methodologies.

- (a) Delivery schedule. (As per Incoterms **specified in the BDS**)

The Goods specified in the List of Goods are required to be delivered within the acceptable time range (after the earliest and before the final date, both dates inclusive) specified in Section VII, Schedule of Requirements. No credit will be given to deliveries before the earliest

date, and Bids offering delivery after the final date shall be treated as **non-responsive**. Within this acceptable period, an adjustment of **0.5% per week of delay**, will be added, for evaluation purposes only, to the Bid price of Bids offering deliveries later than the “Earliest Delivery Date” specified in Section VII, Schedule of Requirements.

- (b) Deviation in payment schedule.
  - (i) The SCC stipulates the payment schedule specified by the Purchaser. If a Bid deviates from the schedule and if such deviation is considered acceptable to the Purchaser, the Bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the Bid as compared with those stipulated in the SCC, at the rate per annum equivalent to the reference interest rate of the Central Bank of Cabo Verde (BCV) applicable at the date of bid opening.
- (c) Cost of major replacement components, mandatory spare parts, and service. ***Not applicable***
- (d) Availability in the Purchaser’s Country of spare parts and after sales services for equipment offered in the Bid.

An adjustment equal to the cost to the Purchaser of establishing the minimum service facilities and parts inventories if quoted separately, shall be added to the Bid price, for evaluation purposes only.
- (e) Life Cycle Costs (LCC) ***Not applicable***
- (f) Performance and productivity of the equipment: ***Not applicable***
- (g) Specific additional criteria: ***Not applicable***

## 2.2. Evaluation of Multiple Contracts (ITB 35.4) - Not Applicable

## 2.3. Alternative Bids (ITB 13.1) - Not Applicable

## 3. Qualification of Bidders (ITB 37)

### 3.1 Qualification Criteria (ITB 37.1)

After determining the substantially responsive Bid which offers the lowest-evaluated cost in accordance with ITB 35, the Purchaser shall carry out the post-qualification of the Bidder in accordance with ITB 37, using only the requirements specified. Requirements not included in the text below shall not be used in the

evaluation of the Bidder's qualifications. The minimum qualification requirements for multiple contracts will be the sum of the minimum requirements for respective individual contracts, unless otherwise specified.

**(i) Financial Capability:**

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

- (a) The audited balance sheets or, if not required by the laws of the Bidder's country, other financial or Bank statements acceptable to the Purchaser, for the **3 years**, namely years **2023, 2024, and 2025**, shall be submitted demonstrating the current soundness of the Bidder's financial position and availability of adequate financial resources to perform the contract. In case of JV, each member of the JV shall furnish its own financial statement as required above. Refer to **Form FIN – 3.1** to provide the required information.
- (b) The Bidder shall demonstrate a minimum average annual turnover equivalent to at least two (2) times the total bid price of the Lot(s) for which the Bidder has submitted a bid, calculated based on payments received for contracts in progress or completed since January 1, 2020. In case of JV, the turnover of all members shall be combined. Refer to **Form FIN – 3.2** to provide the required information.

**(ii) Experience and Technical Capacity**

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s). In case the Bidder is a JV, experience and demonstrated technical capacity of only the JV shall be taken into account and not of individual members nor their individual experience/capacity will be aggregated. Wherever the words "Similar Goods" have been used it includes upgrades, latest and improved versions or models of similar specifications and technology. Refer to **Form Exp-1** to provide the required information.

- (a) The Bidder shall demonstrate successful completion, since 1 January 2020, of at least three (3) contracts involving the supply, installation, integration, testing and commissioning of CCTV systems and related services, **each** with a minimum contract value of EUR 600,000. The contracts shall demonstrate experience of similar scope, complexity and technical requirements.
- (b) The Bidder shall provide the qualifications and experience of the Technical Experts, including the following:

- Project Manager: Electrical engineer or equivalent, with a minimum of 10 years of experience.
  - Technical Team: A minimum of 3 qualified and experienced engineers/technical specialists, of which at least 2 must hold competencies in:
    - CCTV and IP Video Surveillance Systems: Technician with manufacturer certification in:
      - Network video solution design (network video design), issued by the manufacturer;
      - End-to-end implementation of Video Management Solutions (VMS), including IP camera configuration, centralised recording, storage and monitoring.
    - LAN Network Technician: Technician with certification in LAN Design, issued by a manufacturer.
    - Lighting Systems: The Bidder shall present an official declaration from the manufacturer or authorised distributor of the street lighting poles and luminaires, confirming that:
      - The Bidder is a certified/authorised partner for the commercialisation and installation of the proposed equipment;
      - The Bidder has access to official technical support and spare parts supply throughout the contractual period.
- (c) The Bidder must have at least 5 years of experience in the provision of support and maintenance services, demonstrating the capacity to respond to critical failures within a maximum period of 24 hours.

**(iii) Documentary Evidence of Usage of Goods (When appropriate)**

The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement:

The Bidder shall furnish documentary evidence satisfactory to the Purchaser to demonstrate that similar Goods as offered in the Bid have been in successful use or operation since Jan. 1, 2020. If the Bidder is a JV, the evidence of demonstrated usage of Goods supplied in the past shall be in the name of the JV. Refer to **Form Exp-1** to provide the required information.

**(iii) History of non-performing contracts:**

The Bidder and each members of JV in case the Bidder is a JV, shall demonstrate that Non-performance of a contract did not occur as a result of the default of the Bidder or the member of JV as the case may be, since 1<sup>st</sup> January 2023. The required information shall be furnished as per **form CON-2**.

**(iv) Pending Litigation:**

Financial position and prospective long-term profitability of the Single Bidder, and in the case the Bidder is a JV, of each member of the JV, shall remain sound according to criteria established with respect to Financial Capability under paragraph I (i) above assuming that all pending litigation will be resolved against the Bidder. Bidder shall provide information on pending litigations as per **Form CON-2**.

**(v) Litigation History:**

There shall be no consistent history of court/arbitral award decisions against the Bidder<sup>1</sup> since 1<sup>st</sup> January 2023. All parties to the contract shall furnish the information as per **Form CON-2**.

---

<sup>1</sup> The Bidder shall provide accurate information on the related Form (CON-2) about any litigation or arbitration resulting from contracts completed or ongoing under its execution since Jan. 1 2023(year). A consistent history of awards against the Bidder or any member of a JV may result in rejection of the bid.

## Section IV - Bidding Forms

### Table of Forms

Letter of Bid.....	52
Price Schedule Forms .....	57
Price Schedule: Goods Manufactured Outside the Purchaser’s Country, to be Imported .....	58
Price Schedule: Goods Manufactured Outside the Purchaser’s Country, already imported ....	59
Price Schedule: Goods Manufactured in the Purchaser’s Country .....	61
Price and Completion Schedule - Related Services .....	62
Bidder Information Form -Form ELI-1.1 .....	63
Bidder’s JV Members Information Form-Form ELI-1.2.....	65
Technical Bid-Base Bid .....	67
Technical Bid-Alternative Bid.....	69
Commercial Terms and Conditions.....	70
Historical Contract Non-Performance - Litigation History Form CON-2.....	71
Form FIN – 3.1 .....	73
Form FIN – 3.2 .....	75
Experience Form Exp-1 .....	76
Form of Bid Security.....	78
Form of Bid Security (Bid Bond) .....	80
Form of Bid-Securing Declaration .....	82
Manufacturer’s Authorization.....	84

## Letter of Bid

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

The Bidder must prepare this Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and business address.

Note: All italicized text is to help Bidders in preparing this form.

**Date of this Bid submission:** *[insert date (as day, month and year) of Bid submission]*

**OCBI / LCB No.:** *[insert number of bidding process as per procurement plan]*

**Invitation for Bid No.:** *[insert same IFB No. as advertised]*

**Alternative No.:** *[insert identification No if this is a Bid for an alternative]*

**To:** *[insert complete name of Purchaser]*

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including Addenda issued in accordance with Instructions to Bidders (ITB 8);
- (b) **Eligibility-of Bidder:** We including any subcontractors or suppliers for any part of the Contract, have nationalities from eligible countries and meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) **Eligibility of Goods and Related Services:** We meet the eligibility requirements for Goods and Related Services in accordance with ITB 5;
- (d) **Bid-Securing Declaration:** We have not been suspended nor declared ineligible by the Purchaser based on execution of a Bid-Securing Declaration in the Purchaser's Country in accordance with ITB 4.7;
- (e) **Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and Related Services]*;
- (f) **Bid Price:** The total price of our Bid, excluding any discounts offered in paragraph (g) below is:

Option 1: Procurement of one or several Items--Item-wise:

- (a) Total bid price of each item in words and figures, indicating item number and total amounts of respective currencies in which bid prices for that item have been submitted and payment requested;
- (b) Grand Total Bid Price of all Bid items in respective currencies. Use the following format.

Item No.	Total Price of each item in quoted currency (ies) in words and figure
1; 2; etc.	

Grand Total Bid Price of all Bid Items: Currency A-----; Currency B-----  
--, etc.in words and figures

Or

Option 2: Procurement of items in one or several Lots---Lot-wise- each lot containing one or more items:

- (a) Total bid price of each lot in words and figures, indicating lot number and total amounts of respective currencies in which bid prices for that lot have been submitted and payment requested:
- (b) Grand Total Bid Price of all Bid lots in respective currencies. Use the following format.

Lot No.	Total Price of each lot in quoted currency (ies) in words and figure
1; 2; etc.	

Grand Total Bid Price of all Bid lots: Currency A-----; Currency B-----, etc.  
in words and figures

Or

Option 3: Procurement of itmes in one or several Packages—each package containing one more lots:

- (a) Total bid price of each lot of the package and total bid price of each package in words and figures, indicating lot numbers and corresponding package number and total amounts of respective currencies in which bid prices for each package have been submitted and payment requested:

(b) Grand Total Bid Price of all Bid packages in respective currencies. Use the following format.

Package No	Lot No	Total Price of each lot in quoted currency(ies) in words and figures
1	Lot 1	
	Lot 2, etc.	
Total Price of Package 1=Total Price of Lots 1, 2, etc.=		
Package No	Lot No	Total Price of each lot in quoted currency(ies) in words and figures
2	1	
	Lot 2, etc.	
Total Price of Package 2=Total Price of Lots 1, 2, etc.=		

Grand Total Bid Price of all Bid packages: Currency A-----; Currency B-----  
--etc.-in words and figures.

- (g) **Discounts:** The discounts offered and the methodology for their application are:
- (i) The discounts offered are: [*Specify in detail each discount offered.*]
  - (ii) The exact method of calculations to determine the net price of each item, and in case of multiple lots or multiple packages, net price of each item, each lot and each package as applicable, after application of discounts is shown below: [*Specify in detail the method that shall be used to apply the discounts and ensure clarity, unambiguity, etc. in accordance with ITB 14.7;*]
- (h) **Bid Validity Period:** Our Bid shall be valid for the period specified in BDS 18.1 (as amended, if applicable) from the date fixed for the Bid submission deadline specified in BDS 22.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (i) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;

- (j) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other Bid(s) as a Joint Venture member, or as a subcontractor, and meet the requirements of ITB 4.3, other than alternative Bids submitted in accordance with ITB 13;
- (k) **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 Bank or a debarment imposed by the Bank in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the 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;
- (l) **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 ITB 4.6];*
- (m) **Commissions, gratuities, fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity];*

Name of Recipient	Address	Reason	Amount

*(If none has been paid or is to be paid, indicate "none.")*

- (n) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (o) **Purchaser Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Bid, or any other Bid that you may receive; and
- (p) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption.

Name of the Bidder: *\*[insert complete name of the Bidder]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder: *\*\*[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* day of *[insert month]*, *[insert year]*

- \* In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture (JV) as Bidder or names of all members (partners) of JV and sign on behalf of the JV and not on behalf of only one member that has been given power of attorney.
- \*\* Person signing the Bid shall have the power of attorney given by the Bidder. If the Bidder is a JV the power of attorney shall be given by the JV or by all members of the JV. The power of attorney shall be attached with the Bid Schedules.

## Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms for the Base-Bid in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements. For Alternative Bid, if permitted, use same set of Price Schedules by identifying and differentiating them as Alternative Price Schedule from the Base-Bid]*

## Price Schedule: Goods Manufactured Outside the Purchaser's Country, to be Imported

				(Group C Bids, goods to be imported)			Date: _____	
				Currencies in accordance with ITB 15			OCBI / LCB No: _____	
							Alternative No: _____	
							Page N° _____ of _____	
1	2	3	4	5	6	7	8	9
Line Item N°	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price DDP <i>[insert place of destination] as specified in BDS</i> in accordance with ITB 14.9(b)(i)  [Include herein the cost applicable under column 8 if the destination is the same as final destination and indicate under column 6 "Unit price DDP final destination"]	DDP Price per line item (Col. 5x6)	Price per line item for inland transportation and other services required in the Purchaser's Country to convey the Goods to their final destination as specified in BDS in accordance with ITB 14.9 (b) (ii)  [This column is not applicable if destination as per column 6 under ITB 14.9 (b) (i) and final destination as per ITB 14.9 (b) (ii) is the same]	Total Price per Line item (Col. 7+8)
<i>[insert number of the item]</i>	<i>[insert name of Good]</i>	<i>[insert country of origin of the Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price DDP per unit]</i>	<i>[insert total DDP price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[insert total price of the line item]</i>
							Total Price	
Name of Bidder <i>[insert complete name of Bidder]</i> Signature of Bidder <i>[signature of person signing the Bid]</i> Date <i>[Insert Date]</i>								



	Total Bid Price	
Name of Bidder <i>[insert complete name of Bidder]</i> Signature of Bidder <i>[signature of person signing the Bid]</i> Date <i>[insert date]</i>		

\* *[For previously imported Goods, the quoted price shall be distinguishable from the original import value of these Goods declared to customs and shall include any rebate or mark-up of the local agent or representative and all local costs except import duties and taxes, which have been and/or have to be paid by the Purchaser. For clarity the Bidders are asked to quote the price including import duties, and additionally to provide the import duties and the price net of import duties which is the difference of those values.]*

\*\* *i) No Supporting documents for customs duties and import taxes already paid or to be paid shall be accepted unless such documents establish beyond any reasonable doubt the actual amounts of customs duties and import taxes actually paid by the Bidder for each item for which the Bid is submitted and amount shown in the documents tally with the amounts indicated in the price schedule under column 7 of the Bid. Similarly, for amount yet to be paid, the Bidder shall provide documents from concerned governmental authorities indicating amounts of such duties and taxes to be paid for each item of the Bid. A Bid submitted with supporting documents not in conformance with the above requirement shall be rejected. To this end any falsified information on payment of such duties and taxes or falsification of document in support to derive unjustified benefit shall be treated seriously in accordance with Bank's Integrity Framework and as per Section VI -Fraud and Corruption;*

*ii) If the Bidder is unable to submit supporting evidence for past or future payment of customs duties and import taxes in accordance with requirements under i) above, for justified reasons, such Bid may not be rejected unless the Bidder does not accept the following procedure for the purpose of comparison and evaluation of its bid which disallows the benefit that would have otherwise accrued to the Bidder for payment of customs duties and taxes in comparison of bids had it not failed to submit the supporting documents. Accordingly, for the purpose of evaluation, the amount of customs duties and import taxes whether indicated under column 7 of the price schedule or not will be treated as "0" "Zero" and the price per line item under column 9 will be calculated as:  $[5 \times 6]$  and total price per line item under column 12 will be calculated as:  $[5 \times 6 + 10]$ . If the Bidder is successful on this basis it will be selected for award and contract amount will be =  $[5 \times 6 + 10 + 11]$ . If the Bidder does not accept the above approach for evaluation, the Bid shall be rejected.*

\*\*\* *[Total contract amount will be  $[7 + 11 + 12]$  [In case of Bid at (ii) above all calculations shall be based on value of 7 as "0" "Zero"]*

### Price Schedule: Goods Manufactured in the Purchaser's Country

Purchaser's Country _____				(Group A and B Bids)  Currencies in accordance with ITB 15				Date: _____ OCBI / LCB No: _____ Alternative No: _____ Page N° ____ of ____	
1	2	3	4	5	6	7	8	9	10
Line Item N°	Description of Goods	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price EXW	Total EXW price per line item (Col. 4x5)	Price per line item for inland transportation and other services required in the Purchaser's Country to convey the Goods to their final destination	Cost of local labor, raw materials and components from with origin in the Purchaser's Country % of Col. 5	Sales and other taxes payable per line item if Contract is awarded (in accordance with ITB 14.9(a)(ii))	Total Price per line item (Col. 6+7)
<i>[insert number of the item]</i>	<i>[insert name of Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert EXW unit price]</i>	<i>[insert total EXW price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[Insert cost of local labor, raw material and components from within the Purchase's country as a % of the EXW price per line item]</i>	<i>[insert sales and other taxes payable per line item if Contract is awarded]</i>	<i>[insert total price per item]</i>
<b>Total Price</b>									
Name of Bidder <i>[insert complete name of Bidder]</i> Signature of Bidder <i>[signature of person signing the Bid]</i> Date <i>[insert date]</i>									

Price and Completion Schedule - Related Services						
	Currencies in accordance with ITB 15				Date: _____ OCBI / LCB No: _____ Alternative No: _____ Page N° ____ of ____	
1	2	3	4	5	6	7
Service N°	Description of Services (excludes inland transportation and other services required in the Purchaser's Country to convey the goods to their final destination)	Country of Origin	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6 or estimate)
<i>[insert number of the Service ]</i>	<i>[insert name of Services]</i>	<i>[insert country of origin of the Services]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
				<b>Total Bid Price</b>		
Name of Bidder <i>[insert complete name of Bidder]</i> Signature of Bidder <i>[signature of person signing the Bid]</i> Date <i>[insert date]</i>						

## Bidder Information Form -Form ELI-1.1

*[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]*

**Date:** *[insert date (as day, month and year) of Bid submission]*

**OCBI / LCB No.:** *[insert number of bidding process]*

**Alternative No.:** *[insert identification No if this is a Bid for an alternative]*

Page \_\_\_\_\_ of \_\_\_\_\_ pages

1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. In case of JV, legal name of each member: <i>[insert legal name of each member in JV]</i>
3. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
5. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
6. Bidder's Authorized Representative Information  Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i>  <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 ITB 4.4.  <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1.  <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing: <ul style="list-style-type: none"> <li>• Legal and financial autonomy</li> <li>• Operation under commercial law</li> <li>• Establishing that the Bidder is not under the supervision of the Purchaser</li> </ul>

8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. *[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on beneficial ownership, using the Beneficial Ownership Disclosure Form.]*

## Bidder's JV Members Information Form-Form ELI-1.2

*[The Bidder shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the Bidder and for each member of a Joint Venture].*

Date: *[insert date (as day, month and year) of Bid submission]*

OCBI / LCB No.: *[insert number of Bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

Page \_\_\_\_\_ of \_\_\_\_\_ pages

1. Bidder's Name: <i>[insert Bidder's legal name]</i>
2. Bidder's JV Member's name: <i>[insert JV's Member legal name]</i>
3. Bidder's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>
4. Bidder's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>
5. Bidder's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i>
6. Bidder's JV Member's authorized representative information Name: <i>[insert name of JV's Member authorized representative]</i> Address: <i>[insert address of JV's Member authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i> Email Address: <i>[insert email address of JV's Member authorized representative]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <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 ITB 4.4. <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 that they are not under the supervision of the Purchaser, in accordance with ITB 4.6.

8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. *[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on beneficial ownership for each JV member using the Beneficial Ownership Disclosure Form.]*

## Technical Bid-Base Bid

*[Note for information of Bidder: Bidder shall demonstrate compliance with the Purchaser's requirements and Technical Specifications as described in Section VII of the Bidding Documents. Any departures or deviations from the required Technical Specifications shall be highlighted and if there are none, full compliance shall be confirmed.]*

*The Bidder shall provide complete information and documentation of technical standards, codes, designs and specifications, of Goods and Related Services offered along with Model number or any other identification number of the manufacturer wherever applicable and in accordance with all requirements mentioned in ITB 16. Bidding document may stipulate a Table, Form, or Template to present Technical designs, specification, characteristics, functional or other guaranteed parameters, the Bidder shall invariably use the same without any changes and ensure that all requested details and supporting documents are provided. Lack or omission or non-confirmation of substantial details, information and documentation for major or essential technical requirements/features may result in rejection of the Bid.*

*If the details of specifications for the offered Goods in the written text of the Bid differ from the details provided in the supporting literature, drawings or other parts of the document, all such discrepancies shall be explained to the satisfaction of the Purchaser failing which the Purchaser, may reject the Bid, or if deemed appropriate, may consider the information in the written text of the Bid to be valid ignoring details in other parts of the Bid. Failure of the Bidder to confirm this will result in rejection of the Bid.*

*Bid shall establish conformity with the Purchaser's Specifications and requirements as specified in the Bidding Document along with all supporting documents mentioned in ITB 16. The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.*

*Any deviations in the technical standards, codes, designs or specifications or other requirements from those stated in the Bidding Documents shall be explained indicating their impact on the performance requirements, characteristics or parameters of the Goods and Related Services required. To this end, for any such deviations to be acceptable, Bid shall establish substantial responsiveness to the required technical specifications by explaining and documenting for the offered*

*Goods, and Related Services equivalency with or improvement to the required technical standards, codes, designs and Specifications.*

*Any Major deviation from the Purchaser's requirements shall be the cause for rejection of the Bid. Any deviation which in the Bidder's opinion is considered minor, the Bidder shall provide evidence to this effect including evidence of any monetary implications caused by such deviation. The Purchaser's evaluation shall be independent of Bidder's opinion on such matters and shall be final]*

## Technical Bid-Alternative Bid

(If permitted in the Bidding Document)

*[Note for information of Bidder: Text under Appendix A applicable for the Base Bid is also applicable for Alternative Bid. In addition, the Bidder shall explain and establish to the satisfaction of the Purchaser how the specification under the Alternative bid is equal or better than the Purchaser's required Specifications and that offered in the Base Bid when Alternative Bid is permitted only with the Base Bid]*

## Commercial Terms and Conditions

*[Bidder shall specify any deviations to the provisions of the Bidding Document (other than Technical Specifications) in particular those specified in Part 3 of the Bidding document including General and Special Conditions of Contract. If "None" it shall be confirmed accordingly]*

## Historical Contract Non-Performance--Pending Litigation-- Litigation History Form CON-2

Bidder's Legal Name: \_\_\_\_\_ Date: \_\_\_\_\_

JV Member's Legal Name: \_\_\_\_\_

OCBI / LCB No.: \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_ pages

### Non-Performing Contracts in accordance with Section III, Evaluation Criteria

- Contract non-performance did not occur during the stipulated period, in accordance with Section III, Evaluation Criteria
- Contract non-performance during the stipulated period, in accordance with Section III, Evaluation Criteria. List all Non-performed contracts since date specified in the Section III.

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 non-performance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

### Pending Litigation, in accordance with Section III, Evaluation Criteria

- No pending litigation in accordance Section III, Evaluation Criteria
- Pending litigation in accordance with Section III, Evaluation Criteria, as indicated below. List all pending litigation contracts.

Year	Brief reasons for litigation	Contract Identification	Total Contract Amount (current value, US\$ equivalent)
_____	_____	Contract Identification: Name of Purchaser: Address of Purchaser: Matter in dispute: Amount in dispute	_____
_____	_____	Contract Identification: Name of Purchaser: Address of Purchaser: Matter in dispute: Amount in dispute:	_____
<b>Form CON-2 Continued</b>			
Litigation History in accordance with Section III—List all contracts since the date specified in Section III indicating:			
Year	Brief reasons for litigation	Contract Identification Contract Identification: Name of Purchaser: Address of Purchaser: Matter in dispute: Amount in dispute Court or Arbitral award decision:	Total Contract Amount (current value, US\$ equivalent)

## Financial Situation

### Form FIN – 3.1

**Historical Financial Performance**

Bidder's Legal Name: \_\_\_\_\_ Date: \_\_\_\_\_

JV Member's Legal Name: \_\_\_\_\_ OCBI / LCB No.: \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_ pages

To be completed by the Bidder and, if JV, by each member

Financial information in US\$ equivalent	Historic information for previous ____ ( ) years (US\$ equivalent in 000s)						
	Year 1	Year 2	Year 3	Year ...	Year n	Avg.	Avg. Ratio
<b>Information from Balance Sheet</b>							
Total Assets (TA)							
Total Liabilities (TL)							
Net Worth (NW)							
Current Assets (CA)							
Current Liabilities (CL)							
<b>Information from Income Statement</b>							
Total Revenue (TR)							
Profits Before Taxes (PBT)							

Attached are copies of financial statements (balance sheets, including all related notes, and income statements) for the years required above complying with the following conditions:

- (a) Must reflect the financial situation of the Bidder or partner to a JVCA, and not sister or parent companies;
- (b) Historic financial statements must be audited by a certified accountant;

- (c) Historic financial statements must be complete, including all notes to the financial statements;
- (d) Historic financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

## Average Annual Turnover

### Form FIN – 3.2

Bidder’s Legal Name: \_\_\_\_\_ Date: \_\_\_\_\_

JV/Member Legal Name: \_\_\_\_\_ OCBI / LCB No.: \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_ pages

To be completed by the Bidder and, if JV, by each member

Annual turnover data		
Year	Amount and Currency	US\$ equivalent
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
*Average Annual Turnover	_____	_____

\*Average annual turnover calculated as total certified payments received for supply in progress or completed, divided by the number of years as per Section III, Evaluation Criteria.

## Experience - Form Exp-1

Bidder's Legal Name: \_\_\_\_\_

Manufacturer's Legal name: \_\_\_\_\_ Date: \_\_\_\_\_

JV's Legal Name: \_\_\_\_\_ OCBI / LCB No.: \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_ pages

If Bidder is JV specify only those contracts that were performed by the same JV

Complete all information requested below that are required to assess Bidder's qualifications as per post qualification criteria specified under Section III

To be completed by Bidder, Bidder and Manufacturer if Bidder is not the Manufacturer, and by JV if JV is the Bidder

Similar Contract Number: ___ of ___ required.	Information	
Contract Identification	_____	
Award date	_____	
Completion date	_____	
Role in Contract	_____	
Total contract amount	_____	US\$_____
Purchaser's Name:	_____	
Address:	_____	
Telephone/fax number:	_____	
E-mail:	_____	
Description of Goods	_____	
Quantity of Goods supplied under this contract	_____	
Quantity of Goods supplied under all other contracts since the date indicated in Section III-Provide similar separate details as for this contract for all such other contracts	_____	

Similar Contract Number: ___ of ___ required.	Information
Form Exp-1 continued	
First date of manufacturing similar goods as offered in the bid	
Period of Successful use/operation – Number of Years	
Installed manufacturing capacity— Number of units per month of item (s) specified in section III	
Demonstrated proven capacity to supply since the date and for Item (s) specified in Section III	

## Form of Bid Security

### (Bank Guarantee)

*[The bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]*

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[Purchaser to insert its name and address]*

**IFB No.:** *[Purchaser to insert same IFB No as advertised]*

**Alternative No.:** *[Insert identification No if this is a Bid for an alternative]*

**OCBI / LCB No:** *[Purchaser to insert same OCBI number as in procurement plan]*

**Date:** *[Insert date of issue]*

**Bid Guarantee No.:** *[Insert guarantee reference number]*

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that \_\_\_\_\_ *[insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its Bid (hereinafter called "the Bid") for the execution of \_\_\_\_\_ under Invitation for Bids No. \_\_\_\_\_ ("the IFB") and Open Competitive Bidding (International) No. .... (" the OCBI").

Furthermore, we understand that, according to the Beneficiary's conditions, Bids must be supported by a Bid guarantee.

At the request of the Applicant to issue this guarantee, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ (\_\_\_\_\_) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

- (a) has withdrawn its Bid during the period of Bid validity set forth in the Applicant's Letter of Bid ("the Bid Validity Period"), or any extension thereto provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary during the Bid Validity Period or any extension thereto provided by the Applicant, (i) has failed to sign the contract agreement, or (ii) has failed to furnish the

performance security, in accordance with the Instructions to Bidders (“ITB”) of the Beneficiary’s bidding document.

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the Contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such Contract agreement; or (b) if the Applicant is not the successful Bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary’s notification to the Applicant of the results of the Bidding process; or (ii) twenty-eight days after the end of the Bid Validity Period.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758.

---

*[Signature(s)]*

***Note: All italicized text is for use in preparing this form and shall be deleted from the final product.***

---

## Form of Bid Security (Bid Bond)

Date: *[date (as day, month and year)]*

IFB No. ....

OCBI / LCB No.: *[number as in procurement plan]*.

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

*[The Surety shall fill in this Bid Bond Form in accordance with the instructions indicated.]*

BOND NO. \_\_\_\_\_

BY THIS BOND *[name of Bidder]* as Principal (hereinafter called "the Principal"), and *[name, legal title, and address of surety]*, **authorized to transact business in** *[name of country of Purchaser]*, as Surety (hereinafter called "the Surety"), are held and firmly bound unto *[name of Purchaser]* as Oblige (hereinafter called "the Purchaser") in the sum of *[amount of Bond]<sup>2</sup> [amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted or will submit a written Bid to the Purchaser dated the \_\_\_ day of \_\_\_\_\_, 20\_\_\_, for the supply of *[name of Contract]* (hereinafter called the "Bid").

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal:

- (a) has withdrawn its Bid during the period of Bid validity set forth in the Principal's Letter of Bid ("the Bid Validity Period"), or any extension thereto provided by the Principal; or
- (b) having been notified of the acceptance of its Bid by the Purchaser during the Bid Validity Period or any extension thereto provided by the Principal; (i) failed to execute the Contract agreement; or (ii) has failed to furnish the Performance Security, in accordance with the Instructions to Bidders ("ITB") of the Purchaser's bidding document.

then the Surety undertakes to immediately pay to the Purchaser up to the above amount upon receipt of the Purchaser's first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

---

<sup>2</sup> The amount of the Bond shall be denominated in the currency of the Purchaser's Country or the equivalent amount in a freely convertible currency.

The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 28 days after the date of expiration of the Bid Validity Period set forth in the Principal’s Letter of Bid or any extension thereto provided by the Principal.

IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this \_\_\_\_ day of \_\_\_\_\_ 20\_\_.

Principal: \_\_\_\_\_ Surety: \_\_\_\_\_

Corporate Seal (where appropriate)

\_\_\_\_\_  
*(Signature)*  
*(Printed name and title)*

\_\_\_\_\_  
*(Signature)*  
*(Printed name and title)*

## Form of Bid-Securing Declaration

*[The Bidder shall fill in this Form in accordance with the instructions indicated.]*

Date: *[date (as day, month and year)]*

OCBI / LCB No.: *[number as in procurement plan]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[complete name of Purchaser]*

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for bidding in any contract with the Purchaser for the period of time of *[insert number of months or years consistent with BDS 19.9]*, if we are in breach of our obligation(s) under the Bid conditions, because we:

- (a) have withdrawn our Bid during the period of Bid validity specified in the Letter of Bid or any extension thereto provided by us; or
- (b) having been notified of the acceptance of our Bid by the Purchaser during the period of Bid validity, (i) fail or refuse to sign the Contract; or (ii) fail or refuse to furnish the Performance Security, if required, in accordance with the ITB.

The start date of suspension shall be the first date we perform any of the actions mentioned in paragraphs (a) and (b) above. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

Name of the Bidder\* \_\_\_\_\_

Name of the person duly authorized to sign the Bid on behalf of the Bidder\*\* \_\_\_\_\_

Title of the person signing the Bid \_\_\_\_\_

Signature of the person named above \_\_\_\_\_

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_

\*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

\*\*: Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

*[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]*

## Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so indicated in the **BDS**.]*

Date: *[insert date (as day, month and year) of Bid submission]*

OCBI / LCB No.: *[insert number as in procurement plan]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Purchaser]*

### WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

## Section V - Eligible Countries

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

#### A. Provisions under Section 5 “Eligibility” of the Procurement Policy for Bank Group Funded Operations and Chapter A2 of the Operations Procurement Manual under Procurement Framework of the African Development Bank

1. The African Development Fund (ADF) permits firms and individuals from all countries to offer goods, works and services for ADF funded projects.

However, the proceeds of any Financing undertaken in the operations of the African Development Bank (ADB) and the Nigeria Trust Fund (NTF) shall be used for procurement of goods and works, including the related services, provided by bidders from Eligible<sup>3</sup> Countries.<sup>4</sup> Any conditions for participation shall be limited to those that are essential to ensure the firm’s capability to fulfill the contract in question. In the case of ADB and NTF, bidders from non-Member Countries offering goods, works and related services (including transportation and insurance) are not eligible even if they offer these from Eligible Member Countries. Any waiver to this rule will be in accordance with the Articles 17(1) (d) of the Agreement Establishing the African Development Bank and 4.1 of the Agreement Establishing the Nigeria Trust Fund.

#### B. Rules and Procedures for Procurement of Goods and Works

##### Overview

1. The eligibility criteria for participation in the supply of goods, works and related services, to be procured through the ADB and NTF Financing, derive from the requirements of the Agreement Establishing the African Development Bank, Article 17.1.d, and the Agreement Establishing the Nigeria Trust Fund, Article 4.1. The foregoing requirements basically prescribe two types of eligibility criteria:
  - (a) The eligibility of the bidder;
  - (b) The eligibility of the goods, works and related services.

---

<sup>3</sup> Refer to Bank Framework for additional information on Eligibility.

<sup>4</sup> “Eligible Countries” shall mean: (a) in the case of the African Development Bank (ADB) and the Nigeria Trust Fund, the Member Countries of the ADB; and (b) in the case of the African Development Fund (ADF), any country.

### Eligibility of the Bidder Under the ADB & NTF Financing

2. The eligibility of the bidder shall be based on nationality, in accordance with the following rules:
  - (a) Natural Persons: A natural person is eligible if he or she is a national of a Member Country of the ADB. Where a person has more than one nationality, such a person shall be eligible if the nationality indicated in his or her bid is that of a Member Country of the ADB.
  - (b) Corporations: A corporation is eligible if it satisfies the following criteria:
    - i) it is incorporated in a country that is a Member of the ADB;
    - ii) it is a national of a country that is a Member of the ADB, as determined by the law of its place of incorporation;
    - iii) it has its principal place of business in a country that is a Member of the ADB.
  - (c) Joint Ventures and Associations: An unincorporated joint venture, partnership, or association, shall be eligible if more than 50% of the value of its works and/or services is executed by its members satisfying the eligibility requirements for individuals or corporations.

### Eligibility of the Goods, Works and Related Services

3. In order to be eligible, the goods to be procured must have been mined, grown, or produced, in the form in which they are purchased, in an Eligible Member Country.
4. For works contracts, which may include civil works, plant construction, or turnkey contracts, the contractor must satisfy the nationality criteria of eligibility, either as a natural person, or corporation, or joint venture and association. Labour, equipment, and materials needed for carrying out the works contract, shall be supplied from Eligible Member Countries.
5. For contracts, which have been awarded on the basis of Cost, Insurance and Freight (CIF), or Carriage and Insurance Paid (CIP), bidders shall be free to arrange for ocean and other transportation, and the related insurance, from any Eligible Member Country. On the other hand, where goods are shipped on FOB basis, and the Bank has agreed to finance transportation and insurance separately, which are arranged by the purchaser, under a separate contract, the Bank shall be satisfied that the services are supplied from Eligible Member Countries.

## List of Eligible Countries

6. List of Eligible countries can be found in African Development Bank's website:

<https://www.afdb.org/en/about-us/corporate-information/members>

## Ineligible Countries in reference to ITB 4.8 and ITB 5.1

7. In reference to ITB 4.8 and ITB 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this Bidding process:

Under ITB 4.8(a) and ITB 5.1: *[insert a list of the countries following approval by the Bank to apply the restriction or state "none"]*.

Under ITB 4.8(b) and ITB 5.1: *[insert a list of the countries following approval by the Bank to apply the restriction or state "none"]*



## Section VI - Fraud and Corruption

(Section VI shall not be modified)

### 1. Purpose

1.1 The Bank's Integrity Framework 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), 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<sup>1</sup>.

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<sup>2</sup>;
  - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party<sup>3</sup> 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;

---

<sup>1</sup> In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

<sup>2</sup> For the purpose of this sub-paragraph, "another party" refers to a public official acting in relation to the procurement process or contract execution, including Bank staff and employees of other organizations taking or reviewing procurement decisions.

<sup>3</sup> For the purpose of this sub-paragraph, "party" refers to a public official, including Bank staff and employees of other organizations taking or reviewing procurement decisions.; the terms "benefit" and "obligation" relate to the procurement process or contract execution; and the "act or omission" is intended to influence the procurement process or contract execution."

- 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 Integrity Framework, 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 firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract,

- financially or in any other manner;<sup>4</sup> (ii) to be a nominated<sup>5</sup> 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 bidding documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>6</sup> 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.

---

<sup>4</sup> 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.

<sup>5</sup> 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.

<sup>6</sup> 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 – Supply Requirements



# Section VII - Schedule of Requirements

## Contents

1. List of Goods and Delivery Schedule.....	<b>Erro! Marcador não definido.</b>
2. List of Related Services and Completion Schedule .....	102
3. Technical Specifications .....	103
4. Drawings.....	<b>Erro! Marcador não definido.</b>
5. Inspections and Tests.....	174

## Notes for Preparing the Schedule of Requirements

The technical specifications described in this document have been defined with the aim of ensuring high levels of quality, reliability, interoperability, durability, and operational safety, appropriate for a critical, long-term infrastructure for techparkCV, which already has equipment installed and requires that aesthetic, technical, and functional harmony be maintained.

Where particularly demanding technical characteristics are specified, this should not be interpreted as an undue restriction of competition, but rather as a necessary requirement to ensure service continuity, compatibility with existing systems, and reduced costs over the life cycle.

Only equipment that demonstrably meets all established minimum technical requirements in full will be accepted.

The Schedule of Requirements shall be included in the bidding document by the Purchaser, and shall cover, at a minimum, a description of the goods and services to be supplied and the delivery schedule.

The objective of the Schedule of Requirements is to provide sufficient information to enable Bidders to prepare their Bids efficiently and accurately, in particular, the Price Schedule, for which a form is provided in Section IV. In addition, the Schedule of Requirements, together with the Price Schedule, should serve as a basis in the event of quantity variation at the time of award of contract pursuant to ITB 42.1.

The date or period for delivery should be carefully specified, taking into account (a) the implications of delivery terms stipulated in the Instructions to Bidders pursuant to the *Incoterms* rules (i.e., EXW, or CIP, FOB, FCA terms—that “delivery” takes place when goods are delivered **to the carriers**), and (b) the date prescribed herein from which the Purchaser’s delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit).

1. List of Goods and Delivery Schedule – Exterior lighting and CCTV System							
Line Item N°	Description of Goods	Quantity	Physical unit	Final Destination (Project Site) as specified in BDS	Delivery (as per Incoterms) Date		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date [ <i>to be provided by the Bidder</i> ]
1	<b>Lighting poles</b>						
1.1	Conical galvanized steel lighting pole	13	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.2	LED luminaire for exterior pole-mounted lighting	27	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.3	LED luminaire for outdoor area and pathway lighting	102	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.4	Multifunctional conical lighting pole (smart pole – bare structure)	14	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.5	Protective cylindrical enclosure for pole-mounted equipment	14	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.6	Integrated lower technical cabinet for multifunctional lighting pole	14	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.7	Modular DIN-rail electrical enclosure for pole installations	142	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.8	Support for electrical busbars	142	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.9	Earth (grounding) terminal bar for low-voltage installations	142	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.10	Miniature circuit breaker (MCB) for low-voltage installations	142	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.11	Weatherproof electrical junction boxes for outdoor installations	50	Un	TechparkCV A. Grande Praia	60 Days	120 Days	

1.12	<b>Two-component electrical insulation and sealing compound</b>	50	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.13	<b>Two-component electrical insulation and sealing compound</b>	150	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.14	<b>Low-voltage power cable for outdoor electrical installations</b>	5	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.15	<b>Low-voltage power cable for outdoor electrical installations</b>	1	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
1.16	<b>Concrete foundations (massifs) for lighting pole installation</b>	27	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
<b>2</b>	<b>Cameras</b>				<b>60 Days</b>	<b>120 Days</b>	
2.1	<b>Fixed outdoor IP dome camera</b>	47	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
2.2	<b>Panoramic outdoor IP camera (multisensor or equivalent technology)</b>	2	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
2.3	<b>Multisensor 360-degree outdoor IP camera</b>	3	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
2.4	<b>Fixed outdoor IP bullet camera</b>	3	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
2.5	<b>Panoramic outdoor IP camera for wide-area coverage</b>	10	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
2.6	<b>High-performance outdoor PTZ IP camera</b>	9	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
<b>3</b>	<b>Cameras Accessories</b>		Un	TechparkCV A. Grande Praia	<b>60 Days</b>	<b>120 Days</b>	
3.1	<b>Telescopic ceiling mount for IP cameras</b>	2	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
3.2	<b>Pole mount bracket for IP cameras</b>	9	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
3.3	<b>Pole mount bracket for IP cameras</b>	13	Un	TechparkCV A. Grande Praia	60 Days	120 Days	

3.4	Wall mount bracket for IP cameras	9	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
3.5	Pendant mounting kit for IP cameras	2	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
3.6	Pendant mounting kit for IP cameras (variant)	3	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
3.7	Pendant mounting kit for IP cameras (alternative configuration)	10	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
<b>4</b>	<b>Video Surveillance Platform</b>		Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.1	Open Video Surveillance Platform (Video Management System – VMS), with licenses for a minimum of 81 video devices	1	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.2	Server hardware and operating environment for the Video Surveillance Platform	1	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.3	All-in-One workstation for video surveillance monitoring	4	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.4	Modular Integrated Security Platform - PSIM	1	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.5	Industrial Layer 3 managed Ethernet switch	2	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.6	Industrial managed Ethernet switch with Power over Ethernet (PoE)	12	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.7	Industrial Layer 3 managed Ethernet switch with high-power PoE	6	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.8	Industrial Layer 3 managed Ethernet switch with high-power PoE	8	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.9	Industrial single-port multi-gigabit Power over Ethernet (PoE++) injector	8	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.10	Multi-gigabit optical transceiver module for Ethernet networks	12	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.11	High-speed optical transceiver module for long-range Ethernet connectivity	66	Un	TechparkCV A. Grande Praia	60 Days	120 Days	

4.12	<b>Industrial AC/DC power supply unit for DIN-rail mounting</b>	60	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.13	<b>Industrial battery controller module for DC power systems</b>	30	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.14	<b>Valve-regulated sealed lead-acid battery (VRLA) 12V 7,2Ah F2</b>	120	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.15	<b>Modular low-voltage power distribution unit for DIN-rail mounting</b>	14	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.16	<b>Miniature circuit breaker for low-voltage installations</b>	120	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.17	<b>DIN mounting rail for electrical and electronic equipment</b>	14	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.18	<b>Industrial subrack enclosure for DIN-rail mounting</b>	17	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.19	<b>Ethernet patch cord for structured cabling systems</b>	70	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
4.20	<b>Ethernet patch cord for structured cabling systems</b>	100	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
<b>5</b>	<b>Fiber optics</b>				<b>60 Days</b>	<b>120 Days</b>	
5.1	<b>Outdoor fiber optic cable for structured network backbone</b>	5730	m	TechparkCV A. Grande Praia	60 Days	120 Days	
5.2	<b>Rack / sub-rack for fiber optic</b>	1	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
5.3	<b>Modular fiber optic patch panel</b>	12	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
5.4	<b>Fibre optic module</b>	32	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
5.5	<b>FIBER TERMINATION BOX IP65 (330x270x120)</b>	14	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
5.6	<b>LC duplex fibre optic adapter</b>	84	Un	TechparkCV A. Grande Praia	60 Days	120 Days	

5.7	fibres optic pigtail	168	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
5.8	fibres optic patch cord, LC duplex to LC duplex	88	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
<b>6</b>	<b>Data Network</b>		Un	TechparkCV A. Grande Praia	60 Days	120 Days	
6.1	19" 1U PC Patch Panel 24-Port/s, Cat. 6	10	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
6.2	Connection Module Cat. 6A EL, 1xRJ45/s Keystone	240	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
6.3	Installation Cable Cat. 6A, U/FTP	7	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
6.4	Surface-mounted data outlet	74	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
6.5	Field-terminable RJ45 male connector	74	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
<b>7</b>	<b>Electricity</b>		Un	TechparkCV A. Grande Praia	60 Days	120 Days	
7.1	Low voltage power cable	300	Mt	TechparkCV A. Grande Praia	60 Days	120 Days	
7.2	Low voltage power cable, rated 0.6/1 kV, with copper conductors	3000	Mt	TechparkCV A. Grande Praia	60 Days	120 Days	
7.3	Weatherproof junction box	14	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
7.4	Two-component insulating gel compound, suitable for electrical insulation and protection	14	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
7.5	Cable gland, size M25, with minimum degree of protection IP65	42	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
7.6	Compact lever-type connecting terminals, suitable for copper conductors up to 6 mm <sup>2</sup>	250	Un	TechparkCV A. Grande Praia	60 Days	120 Days	
7.7	All accessories necessary for proper assembly	1	Un	TechparkCV A. Grande Praia	60 Days	120 Days	

## 2. List of Related Services and Completion Schedule

*[This table shall be filled in by the Purchaser. The Required Completion Dates should be realistic, and consistent with the required Goods Delivery Dates (as per Incoterms)]*

Service	Description of Service	Quantity <sup>1</sup>	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
1	<b>Specialized technical service</b>	1	<i>Un</i>	TechparkCV A. Grande Praia	
2	<b>Logistics</b>	1	<i>Un</i>	TechparkCV A. Grande Praia	

## 3. Technical Specifications

### 3.1 Exterior lighting and CCTV system for the technology park

#### *3.1.1 Introduction*

The Cape Verde technology park in Praia already has all the cabling that powers the outdoor lighting stations installed, with only the supply and installation of these stations still pending. At the same time, it is the intention of the project management that some of these posts will not only provide lighting but also serve as multimedia posts, supporting services such as video surveillance, Wi-Fi equipment, car charging points, and possibly electronic information panels.

This document describes the technical solution to be implemented for these exterior lighting systems and also the Video Surveillance System to be implemented at the exterior and interior of Techpark, as well as its integration with the existing Building Management Platform currently installed at the Techpark Building.

#### *3.1.2 Scope of Work*

The proposal must cover the supply and installation of all equipment and materials described in the Bill of Quantities (BoQ) for the exterior lighting system, as well as the complete CCTV system as described in the technical data sheets, technical specifications, and installation drawings.

#### *3.1.3 Exterior Lighting System*

The technical specifications for the exterior lighting system components are listed below. All items shall meet the following minimum technical requirements:

##### *3.1.3.1 Conical galvanized steel lighting pole*

- Total height: 6.0 meters (above ground)
- Material: structural steel, hot-dip galvanized in accordance with EN ISO 1461
- Shape: conical, seamless or welded, suitable for permanent outdoor installation
- Base: flanged base plate for anchoring to concrete foundation, including anchor bolts and template
- Arm: integrated conical arm, minimum length 0.5 m, suitable for mounting LED luminaires
- Corrosion protection: suitable for corrosivity category C4 (urban/coastal outdoor environment)
- Mechanical resistance: designed to withstand wind loads in accordance with EN 40

- Access door for internal wiring and maintenance, with vandal-resistant fixing
- Internal routing for power and communication cables
- Finish: painted or coated in light grey (RAL 7035 or equivalent)
- Service life: minimum 20 years under normal outdoor operating conditions

### ***3.1.3.2 LED luminaire for exterior pole-mounted lighting***

- Application: roadway / pedestrian outdoor lighting, pole-mounted
- Light source: high-efficiency LED modules, replaceable or serviceable
- Nominal luminous flux: minimum as required by lighting design
- Luminous efficacy:  $\geq 130$  lm/W (luminaire level)
- Correlated Color Temperature (CCT): 4000 K (neutral white)
- Color Rendering Index (CRI):  $\geq 70$

#### **Electrical characteristics:**

- Constant current driver, nominal operating current around 700 mA
- Input voltage: 220–240 V AC, 50 Hz
- Power factor:  $\geq 0.95$  at full load
- Total harmonic distortion (THD):  $\leq 15\%$

#### **Optical system:**

- Road-lighting-grade optics, suitable for uniform distribution
- Glare control in accordance with EN 13201

#### **Housing:**

- Die-cast aluminium body
- Corrosion resistant, suitable for corrosivity category C4

#### **Protection ratings:**

- Minimum IP66 (optical and electrical compartments)
- Minimum IK08 impact resistance

#### **Lifetime:**

- LEDs: L80  $\geq 100,000$  hours
- Driver: minimum 100,000 hours design lifetime
- Ambient operating temperature:  $-20$  °C to  $+50$  °C
- Compliance: EN 60598, CE marked
- Warranty: minimum 5 years manufacturer's warranty

### ***3.1.3.3 LED luminaire for outdoor area and pathway lighting***

- Application: outdoor pathways, open areas and pedestrian zones
- Mounting: pole-mounted or equivalent, suitable for mid-height installation

- Light source: high-efficiency LED modules, industrial grade
- Nominal luminous flux: minimum as required by the lighting design calculations
- Luminous efficacy (luminaire level):  $\geq 120$  lm/W
- Correlated Color Temperature (CCT): 3000 K (warm white)
- Color Rendering Index (CRI):  $\geq 80$

**Electrical characteristics:**

- Constant current electronic driver
- Input voltage: 220–240 V AC, 50 Hz
- Power factor:  $\geq 0.95$
- Total harmonic distortion (THD):  $\leq 15\%$

**Optical system:**

- Precision optics designed for outdoor area lighting
- Glare control suitable for pedestrian environments, in line with EN 13201

**Housing:**

- Die-cast aluminium body
- Corrosion resistant for corrosivity category C4

**Protection ratings:**

- Minimum IP66
- Minimum IK08 impact resistance

**Lifetime and reliability:**

- LED lifetime: L80  $\geq 100,000$  hours
- Driver design lifetime:  $\geq 100,000$  hours
- Ambient operating temperature:  $-20$  °C to  $+50$  °C
- Compliance: EN 60598, CE marked
- Warranty: minimum 5 years manufacturer's warranty

***3.1.3.4 Multifunctional conical lighting pole (smart pole – bare structure)***

- Total height: 6.0 meters (above ground)
- Material: structural steel, hot-dip galvanized in accordance with EN ISO 1461
- Shape: conical, suitable for permanent outdoor installation
- Base: flanged base plate for anchoring to concrete foundation
- Arm: single arm for luminaire mounting, compatible with LED luminaires specified under Item 1.2 / 1.3

**Configuration:**

- Supplied without luminaire, without electrical panel or cabinet

- Designed to accommodate future installation of electrical and low-voltage equipment

**Internal volume and access:**

- Sufficient internal space for routing of power, data and control cables
- Vandal-resistant access door for maintenance

**Corrosion protection:**

- Hot-dip galvanization plus surface coating suitable for corrosivity category C4

**Mechanical strength:**

- Designed to withstand wind loads in accordance with EN 40

**Finish:**

- Exterior coating in textured light grey (RAL 7035 or equivalent)

**Top:**

- Supplied with protective top cover suitable for outdoor use

**Service life:**

- Minimum 20 years under normal outdoor operating conditions

***3.1.3.5 Protective cylindrical enclosure for pole-mounted equipment***

- Application: installation on 6 m multifunctional lighting poles, intended to house or protect internal components (e.g. fiber optic terminations, communication modules or auxiliary devices)
- Shape: cylindrical enclosure, suitable for pole integration

**Dimensions:**

- Approximate height: 300 mm
- Approximate external diameter: 160–170 mm

**Material:**

- UV-resistant composite material or equivalent, suitable for permanent outdoor installation

**Protection:**

- Minimum protection degree IP65
- Resistant to humidity, dust and solar radiation

**Mechanical properties:**

- Adequate impact resistance for urban outdoor environment

**Integration:**

- Compatible with 6 m multifunctional poles specified under Item 1.4
- Designed for secure mechanical fixing and internal cable routing

**Color and finish:**

- Neutral color compatible with pole finish (grey or similar)

**Service life:**

- Minimum 10 years under normal outdoor operating conditions

***3.1.3.6 Integrated lower technical cabinet for multifunctional lighting pole***

- Application: installation inside the lower section of 6 m multifunctional lighting poles, providing accommodation for electrical and low-voltage components

**Compatibility:**

- Designed to fit within the lower access compartment of the poles specified under Item 1.4

**Construction:**

- Robust enclosure made of corrosion-resistant metal or equivalent industrial-grade material

**Protection:**

- Minimum ingress protection rating IP54
- Suitable for permanent outdoor operation

**Internal configuration:**

- Mounting rails or backplate suitable for installation of protection devices, power supplies, communication equipment or control modules
- Adequate internal space for cable routing and maintenance

**Access and security:**

- Accessible via the pole maintenance door
- Lockable system with vandal-resistant fixing

**Electrical safety:**

- Suitable for low-voltage electrical installations
- Internal components to be compliant with relevant IEC standards

**Thermal behaviour:**

- Passive ventilation design suitable for outdoor temperatures

**Service life:**

- Minimum 15 years under normal outdoor operating conditions

***3.1.3.7 Modular DIN-rail electrical enclosure for pole installations*****Application:**

- Installation inside lighting poles or technical cabinets for low-voltage protection and distribution devices

**Configuration:**

- Single row modular enclosure, minimum capacity 4 standard DIN modules

**Mounting system:**

- Compatible with DIN rail EN 60715

**Material:**

- Self-extinguishing, halogen-free material suitable for electrical installations

**Protection:**

- Minimum protection degree IP40 when installed inside enclosed cabinet

**Electrical safety:**

- Rated for low-voltage electrical installations
- Compliant with relevant IEC / EN standards

**Installation:**

- Suitable for mounting inside integrated pole cabinets as specified under Item 1.6

**Durability:**

- Designed for continuous operation in outdoor lighting infrastructure environments

### *3.1.3.8 Support for electrical busbars*

**Application:**

- Installation inside lighting pole technical cabinets or modular electrical enclosures for low-voltage power distribution

**Compatibility:**

- Suitable for mounting phase, neutral and earth busbars used in public lighting and auxiliary equipment installations

**Construction:**

- Rigid, mechanically resistant insulating support
- Made of self-extinguishing and halogen-free insulating material

**Electrical performance:**

- Suitable for continuous operation in low-voltage installations
- Rated for current levels typical of public lighting and smart pole applications

**Mounting:**

- Designed for secure fixing inside DIN-rail based or equivalent electrical enclosures
- Ensures correct alignment, spacing and mechanical stability of busbars

**Safety:**

- Provides adequate insulation and creepage distances in accordance with applicable IEC / EN standards

- Prevents accidental contact with live parts during normal operation and maintenance

**Durability:**

- Designed for long-term operation in outdoor public lighting infrastructure environments

***3.1.3.9 Earth (grounding) terminal bar for low-voltage installations*****Application:**

- Protective earthing and equipotential bonding inside lighting pole technical cabinets

**Configuration:**

- Multiple connection terminals suitable for earthing conductors of different cross-sections

**Capacity to accommodate at least:**

- Two conductors up to 16 mm<sup>2</sup>
- Two conductors up to 10 mm<sup>2</sup>

**Construction:**

- Conductive bar made of copper or copper alloy with anticorrosive finish
- Insulating support made of self-extinguishing material

**Mounting:**

- Suitable for mounting inside DIN-rail based or equivalent electrical enclosures

**Electrical performance:**

- Designed for low-voltage earthing systems in public lighting infrastructure
- Ensures reliable electrical continuity and low contact resistance

**Safety and compliance:**

- Compliant with applicable IEC / EN standards for earthing and protective conductors

**Durability:**

- Designed for long-term operation in outdoor public lighting environments

***3.1.3.10 Miniature circuit breaker (MCB) for low-voltage installations*****Application:**

- Protection of lighting circuits and auxiliary equipment in public lighting and multifunctional pole installations

**Configuration:**

- 1 pole + neutral (1P+N)

**Rated current:**

- 10:00:00

**Tripping characteristic:**

- Type C, suitable for circuits with moderate inrush currents

**Breaking capacity:**

- Minimum 4.5 kA, preferably 6 kA, at rated voltage

**Electrical characteristics:**

- Rated voltage 230 V AC, 50 Hz

**Mounting:**

- DIN-rail mounted, modular width 1 module

**Safety and compliance:**

- Compliant with applicable IEC / EN 60898-1 standards

**Quality and durability:**

- Designed for continuous operation in public lighting infrastructure
- Suitable for installation inside the technical cabinets specified under Item 1.6

### *3.1.3.11 Weatherproof electrical junction boxes for outdoor installations*

**Application:**

- Protection and interconnection of electrical cables in outdoor public lighting and multifunctional pole installations

**Construction:**

- Robust enclosure made of UV-resistant and impact-resistant material, suitable for permanent outdoor use

**Protection ratings:**

- Minimum ingress protection IP66
- Minimum mechanical impact resistance IK08

**Design features:**

- Suitable for installation in exposed outdoor environments
- Equipped with cable entry points compatible with sealed glands or connectors

**Connectors and terminals:**

- Internal terminals or connectors suitable for low-voltage electrical conductors
- Designed to maintain protection ratings after cable installation

**Safety and compliance:**

- Compliant with applicable IEC / EN standards for electrical enclosures

**Installation:**

- Suitable for mounting inside or outside lighting poles and outdoor technical structures

**Durability:**

- Designed for long-term operation in public outdoor infrastructure environments

***3.1.3.12 Two-component electrical insulation and sealing compound*****Application:**

- Electrical insulation, sealing and environmental protection of cable joints and connections in outdoor public lighting installations

**Composition:**

- Two-component compound, mixed on site prior to application

**Functional properties:**

- Provides effective electrical insulation, moisture sealing and mechanical protection
- Suitable for use on low-voltage electrical connections

**Environmental resistance:**

- Resistant to humidity, water ingress and condensation
- Resistant to temperature variations typically encountered in outdoor environments

**Curing characteristics:**

- Forms a stable, durable insulating mass after curing
- Suitable for permanent installations

**Compatibility:**

- Compatible with common electrical cable insulation materials

**Safety and compliance:**

- Suitable for electrical applications in accordance with relevant IEC / EN standards

**Durability:**

- Designed for long-term operation in public outdoor lighting infrastructure environments

***3.1.3.13 Two-component electrical insulation and sealing compound*****Application:**

- Electrical insulation, sealing and environmental protection of cable joints and connections in outdoor public lighting installations

**Composition:**

- Two-component compound, mixed on site prior to application

**Functional properties:**

- Provides effective electrical insulation, moisture sealing and mechanical protection
- Suitable for use on low-voltage electrical connections

**Environmental resistance:**

- Resistant to humidity, water ingress and condensation
- Resistant to temperature variations typically encountered in outdoor environments

**Curing characteristics:**

- Forms a stable, durable insulating mass after curing
- Suitable for permanent installations

**Compatibility:**

- Compatible with common electrical cable insulation materials

**Safety and compliance:**

- Suitable for electrical applications in accordance with relevant IEC / EN standards

**Durability:**

- Designed for long-term operation in public outdoor lighting infrastructure environments

***3.1.3.14 Low-voltage power cable for outdoor electrical installations*****Application:**

- Power supply for outdoor public lighting installations and auxiliary equipment in lighting poles

**Rated voltage:**

- 0.6/1 kV

**Conductor:**

- Copper conductors, flexible, suitable for fixed installation

**Configuration:**

- Three conductors (3G), including protective earth

**Conductor cross-section:**

- 1.5 mm<sup>2</sup> per conductor

**Insulation and sheath:**

- Insulation suitable for low-voltage power distribution
- Halogen-free, flame-retardant outer sheath

**Fire performance:**

- Low smoke emission and absence of corrosive gases in case of fire

**Mechanical and environmental resistance:**

- Suitable for outdoor installation
- Resistant to humidity, temperature variations and UV exposure

**Installation:**

- Suitable for fixed installation inside lighting poles, technical cabinets and underground conduits where applicable

**Compliance:**

- Compliant with applicable IEC / EN standards for low-voltage halogen-free power cables

**Supply length:**

- Supplied in standard lengths of 100 meters or equivalent

***3.1.3.15 Low-voltage power cable for outdoor electrical installations*****Application:**

- Power supply for outdoor public lighting installations and auxiliary equipment with higher current demand

**Rated voltage:**

- 0.6/1 kV

**Conductor:**

- Copper conductors, flexible, suitable for fixed installation

**Configuration:**

- Three conductors (3G), including protective earth

**Conductor cross-section:**

- 2.5 mm<sup>2</sup> per conductor

**Insulation and sheath:**

- Insulation suitable for low-voltage power distribution
- Halogen-free, flame-retardant outer sheath

**Fire performance:**

- Low smoke emission and absence of corrosive gases in case of fire

**Mechanical and environmental resistance:**

- Suitable for outdoor installation
- Resistant to humidity, temperature variations and UV exposure

**Installation:**

- Suitable for fixed installation inside lighting poles, technical cabinets and underground conduits where applicable

**Compliance:**

- Compliant with applicable IEC / EN standards for low-voltage halogen-free power cables

**Supply length:**

- Supplied in standard lengths of 100 meters or equivalent

***3.1.3.16 Concrete foundations (massifs) for lighting pole installation*****Application:**

- Structural foundations for the installation of lighting poles and multifunctional poles specified under Items 1.1 and 1.4

**Type:**

- In-situ cast reinforced concrete foundations

**Design requirements:**

- Dimensioned to safely support the poles, including luminaires, auxiliary equipment and wind loads
- Designed in accordance with the mechanical requirements of the poles and local environmental conditions

**Materials:**

- Concrete class C25/30 or higher
- Reinforcement steel according to applicable standards

**Anchorage:**

- Equipped with anchor bolts or anchoring system compatible with the flanged base of the poles
- Accurate positioning to ensure correct pole alignment

**Installation:**

- Suitable for installation in outdoor environments
- Proper curing and finishing to ensure long-term durability

**Standards and compliance:**

- Designed and executed in accordance with applicable Eurocodes / EN standards and local regulations

**Service life:**

- Designed for a minimum service life of 20 years under normal operating conditions
- Cameras

***3.1.4 Video Cameras***

The proposed system must mandatorily comply with the following standards and requirements:

- Native hardware AV1 codec support (acceleration via dedicated SoC), with no exclusive dependency on software encoding.
- Simultaneous support for H.264, H.265, and AV1 per camera.
- AV1 encoding acceleration via dedicated chip. Software-only encoding is not accepted as the primary solution.
- Main Profile and/or High Profile of the AV1 standard.
- Support for CBR (Constant Bitrate) and VBR (Variable Bitrate) in AV1 mode.
- AV1 encoding latency compatible with live surveillance requirements in real time ( $\leq 500$  ms end-to-end).

#### **3.1.4.1 Fixed outdoor IP dome camera**

with the following minimum technical characteristics:

##### **Application:**

- Fixed video surveillance for outdoor areas, including pedestrian zones, building perimeters and lighting poles

##### **Image sensor and performance:**

- Minimum resolution 2 MP (1920 × 1080)
- Minimum frame rate 25/30 fps at full resolution

##### **Low-light performance:**

- Color imaging in low-light conditions  $\leq 0.1$  lux
- Integrated infrared (IR) illumination with minimum range 30 m

##### **Video compression and streaming:**

- Simultaneous support for H.264, H.265, and AV1
- Support for multiple simultaneous video streams
- Advanced video compression capable of reducing bandwidth and storage consumption

##### **Optics and focus:**

- Varifocal lens or equivalent, suitable for fixed outdoor coverage
- Remote focus and zoom

##### **Network and interoperability:**

- Ethernet interface
- Full native compatibility with ONVIF Profiles S, G and T

##### **Cybersecurity:**

- Secure firmware with digitally signed updates
- Support for encrypted communication (HTTPS, certificates or equivalent)
- Manufacturer-supported cybersecurity updates for a minimum period of 5 years

**Housing and protection:**

- Outdoor-rated housing
- Minimum ingress protection IP66
- Minimum impact resistance IK10

**Power:**

- Power over Ethernet (PoE) compliant with IEEE 802.3af or 802.3at

**Reliability:**

- Designed for continuous 24/7 operation

**Environmental conditions:**

- Operating temperature range suitable for outdoor installation

**Compliance:**

- CE marked
- Compliant with applicable IEC / EN standards

**Warranty:**

- Minimum 5 years manufacturer's warranty

**3.1.4.2 Panoramic outdoor IP camera (multisensor or equivalent technology)**

with the following minimum technical characteristics:

**Application:**

- Wide-area outdoor video surveillance for plazas, open spaces and large circulation areas

**Image sensors and coverage:**

- Multi-sensor or panoramic imaging system providing continuous horizontal field of view  $\geq 180^\circ$
- Combined effective resolution suitable for forensic identification across the full field of view

**Video performance:**

- Minimum frame rate 25/30 fps across the panoramic image
- Support for multiple simultaneous video streams

**Low-light and night performance:**

- Color imaging in low-light conditions  $\leq 0.1$  lux
- Integrated infrared (IR) illumination covering the full horizontal field of view

**Video compression:**

- Simultaneous support for H.264, H.265, and AV1
- Advanced compression technology to optimize bandwidth and storage usage

**Image quality and processing:**

- Automatic exposure and white balance across all sensors
- Seamless image stitching or dewarping to provide a unified panoramic view

**Network and interoperability:**

- Ethernet interface
- Native compatibility with ONVIF Profiles S, G and T

**Cybersecurity:**

- Secure firmware with digitally signed updates
- Support for encrypted communications (HTTPS, certificates or equivalent)
- Manufacturer-supported cybersecurity updates for a minimum period of 5 years

**Housing and protection:**

- Outdoor-rated housing
- Minimum ingress protection IP66
- Minimum impact resistance IK10

**Power:**

- Power over Ethernet (PoE) compliant with IEEE 802.3af or 802.3at

**Reliability:**

- Designed for continuous 24/7 operation

**Environmental conditions:**

- Operating temperature range suitable for outdoor installation

**Compliance:**

- CE marked
- Compliant with applicable IEC / EN standards

**Warranty:**

- Minimum 5 years manufacturer's warranty
- .

**3.1.4.3 Multisensor 360-degree outdoor IP camera**

with the following minimum technical characteristics:

**Application:**

- Panoramic video surveillance of open and critical outdoor areas requiring full situational awareness from a single installation point

**Image sensors and coverage:**

- Multiple synchronized image sensors providing continuous 360° horizontal coverage
- No blind spots within the horizontal field of view

**Image performance:**

- Minimum effective resolution sufficient for forensic identification across all viewing directions
- Minimum frame rate 25/30 fps per sensor or equivalent panoramic output

**Image processing:**

- Real-time image stitching, blending or dewarping to provide a unified panoramic or multi-view image
- Automatic exposure and white balance synchronization across all sensors

**Low-light and night performance:**

- Color imaging in low-light conditions  $\leq 0.1$  lux
- Integrated infrared (IR) illumination covering the full 360° field of view

**Video compression and streaming:**

- Simultaneous support for H.264, H.265, and AV1
- Support for multiple simultaneous video streams and viewing modes
- Advanced video compression to reduce bandwidth and storage consumption

**Network and interoperability:**

- Ethernet interface
- Native compatibility with ONVIF Profiles S, G and T

**Cybersecurity:**

- Secure firmware with digitally signed updates
- Support for encrypted communications (HTTPS, certificates or equivalent)
- Manufacturer-supported cybersecurity updates for a minimum period of 5 years

**Housing and protection:**

- Outdoor-rated vandal-resistant housing
- Minimum ingress protection IP66
- Minimum impact resistance IK10

**Power:**

- Power over Ethernet (PoE) compliant with IEEE 802.3at or higher

**Reliability:**

- Designed for continuous 24/7 operation

**Environmental conditions:**

- Operating temperature range suitable for permanent outdoor installation

**Compliance:**

- CE marked
- Compliant with applicable IEC / EN standards

**Warranty:**

- Minimum 5 years manufacturer's warranty

**3.1.4.4 Fixed outdoor IP bullet camera**

with the following minimum technical characteristics:

**Application:**

- Directional outdoor video surveillance for perimeters, access roads, building entrances and long-range monitoring areas

**Image sensor and performance:**

- Minimum resolution 2 MP (1920 × 1080)
- Minimum frame rate 25/30 fps at full resolution

**Lens and field of view:**

- Integrated motorized varifocal lens or equivalent
- Remote focus and zoom
- Optimized for medium-to-long-range viewing distances

**Low-light and night performance:**

- Color imaging in low-light conditions  $\leq 0.1$  lux
- Integrated high-power infrared (IR) illumination with minimum range 50 m

**Video compression and streaming:**

- Simultaneous support for H.264, H.265, and AV1
- Support for multiple simultaneous video streams
- Advanced video compression for bandwidth and storage optimization

**Image processing:**

- Wide Dynamic Range (WDR) suitable for scenes with strong contrast
- Automatic exposure and scene adaptation

**Network and interoperability:**

- Ethernet interface
- Native compatibility with ONVIF Profiles S, G and T

**Cybersecurity:**

- Secure firmware with digitally signed updates
- Support for encrypted communications (HTTPS, certificates or equivalent)
- Manufacturer-supported cybersecurity updates for a minimum period of 5 years

**Housing and protection:**

- Outdoor-rated metal housing
- Minimum ingress protection IP66
- Minimum impact resistance IK10

**Power:**

- Power over Ethernet (PoE) compliant with IEEE 802.3at

**Reliability:**

- Designed for continuous 24/7 operation

**Environmental conditions:**

- Operating temperature range suitable for permanent outdoor installation

**Compliance:**

- CE marked
- Compliant with applicable IEC / EN standards

**Warranty:**

- Minimum 5 years manufacturer's warranty

**3.1.4.5 Panoramic outdoor IP camera for wide-area coverage**

with the following minimum technical characteristics:

**Application:**

- Video surveillance of large outdoor areas such as open plazas, parks, circulation areas and campus-type environments

**Image sensors and coverage:**

- Panoramic imaging system based on multiple synchronized sensors or equivalent technology
- Continuous horizontal field of view  $\geq 180^\circ$

**Image performance:**

- Combined effective resolution sufficient to ensure forensic identification across the entire panoramic field of view
- Minimum frame rate 25/30 fps for the panoramic output

**Image processing:**

- Real-time image stitching, blending and/or dewarping to provide a seamless panoramic image
- Automatic exposure and white balance across all sensors

**Low-light and night performance:**

- Color imaging in low-light conditions  $\leq 0.1$  lux
- Integrated infrared (IR) illumination providing uniform night coverage across the panoramic field of view

**Video compression and streaming:**

- Simultaneous support for H.264, H.265, and AV1
- Support for multiple simultaneous video streams
- Advanced compression technology to optimize bandwidth and storage usage

**Network and interoperability:**

- Ethernet interface
- Native compatibility with ONVIF Profiles S, G and T

**Cybersecurity:**

- Secure firmware with digitally signed updates
- Support for encrypted communications (HTTPS, certificates or equivalent)
- Manufacturer-supported cybersecurity updates for a minimum period of 5 years

**Housing and protection:**

- Outdoor-rated vandal-resistant housing
- Minimum ingress protection IP66

- Minimum impact resistance IK10

**Power:**

- Power over Ethernet (PoE) compliant with IEEE 802.3at

**Reliability:**

- Designed for continuous 24/7 operation

**Environmental conditions:**

- Operating temperature range suitable for permanent outdoor installation

**Compliance:**

- CE marked
- Compliant with applicable IEC / EN standards

**Warranty:**

- Minimum 5 years manufacturer's warranty

**3.1.4.6 High-performance outdoor PTZ IP camera**

With the following minimum technical characteristics:

**Application:**

- Active video surveillance of large outdoor areas, critical zones and wide perimeters requiring dynamic monitoring

**Image sensor and performance:**

- Minimum resolution 2 MP (1920 × 1080)
- Minimum frame rate 25/30 fps at full resolution

**Optical zoom and imaging:**

- Optical zoom  $\geq 30\times$
- Autofocus and high-precision zoom suitable for long-distance forensic identification

**Pan, tilt and positioning:**

- Continuous 360° pan movement
- Tilt range suitable for horizon-to-ground viewing
- High-precision PTZ positioning with preset capability

**Low-light and night performance:**

- High-sensitivity imaging enabling color video in low-light conditions  $\leq 0.1$  lux
- Integrated long-range infrared (IR) illumination, minimum range  $\geq 200$  m

**Video compression and streaming:**

- Simultaneous support for H.264, H.265, and AV1
- Support for multiple simultaneous video streams
- Advanced compression technology to reduce bandwidth and storage usage during PTZ operation

**Image processing and stability:**

- Wide Dynamic Range (WDR) suitable for outdoor scenes with strong contrast
- Image stabilization suitable for long-range zoom operation

**Network and interoperability:**

- Ethernet interface
- Native compatibility with ONVIF Profiles S, G and T

**Cybersecurity:**

- Secure firmware with digitally signed updates
- Support for encrypted communications (HTTPS, certificates or equivalent)
- Manufacturer-supported cybersecurity updates for a minimum period of 5 years

**Housing and protection:**

- Outdoor-rated vandal-resistant housing
- Minimum ingress protection IP66
- Minimum impact resistance IK10

**Power:**

- Power over Ethernet (PoE++) compliant with IEEE 802.3bt, or equivalent power solution suitable for PTZ operation

**Reliability:**

- Designed for continuous 24/7 operation in public infrastructure

**Environmental conditions:**

- Operating temperature range suitable for permanent outdoor installation
- Designed for stable operation under wind and vibration conditions

**Compliance:**

- CE marked
- Compliant with applicable IEC / EN standards

**Warranty:**

- Minimum 5 years manufacturer's warranty

***3.1.5 Camera Accessories*****3.1.5.1 Telescopic ceiling mount for IP cameras**

With the following minimum technical characteristics:

**Application:**

- Ceiling mounting of IP cameras in indoor or outdoor covered areas

**Design:**

- Telescopic mounting system, allowing adjustable installation height

**Material and construction:**

- Manufactured from corrosion-resistant metal suitable for long-term structural support

**Mechanical performance:**

- Sufficient load-bearing capacity to safely support IP cameras and associated cabling

**Cable management:**

- Integrated internal cable routing for power and network cables

**Installation:**

- Compatible with standard ceiling structures used in public buildings
- Secure fixing system preventing rotation or vibration

**Compatibility:**

- Compatible with IP cameras specified under Item 2

**Durability:**

- Designed for long-term operation in public infrastructure environments

**Finish:**

- Neutral color suitable for architectural integration

**3.1.5.2 Pole mount bracket for IP cameras**

With the following minimum technical characteristics:

**Application:**

- Mounting of IP cameras on cylindrical poles in outdoor public lighting and surveillance installations

**Pole compatibility:**

- Suitable for mounting on poles with external diameters between 100 mm and 410 mm

**Design and construction:**

- Robust mounting bracket manufactured from corrosion-resistant metal

**Mechanical performance:**

- Designed to withstand static and dynamic loads associated with outdoor camera installations
- Resistant to vibration and wind loads typical of pole-mounted equipment

**Fixing system:**

- Secure fastening system ensuring stable attachment to the pole
- Prevents rotation, slippage or misalignment after installation

**Cable management:**

- Allows safe routing and protection of power and network cables

**Compatibility:**

- Compatible with IP cameras specified under Item 2

- Compatible with other mounting accessories specified under Item 3 where applicable

**Environmental resistance:**

- Suitable for permanent outdoor installation
- Resistant to corrosion, humidity and temperature variations

**Finish:**

- Neutral color suitable for integration with lighting poles and urban furniture

**Durability:**

- Designed for long-term operation in public outdoor infrastructure environments

**3.1.5.3 Pole mount bracket for IP cameras**

With the following minimum technical characteristics:

**Application:**

- Mounting of IP cameras on cylindrical poles in outdoor public lighting and surveillance installations

**Pole compatibility:**

- Suitable for mounting on poles with external diameters between 65 mm and 165 mm

**Design and construction:**

- Robust mounting bracket manufactured from corrosion-resistant metal

**Mechanical performance:**

- Designed to withstand static and dynamic loads associated with pole-mounted camera installations
- Resistant to vibration, wind loads and typical mechanical stresses in outdoor environments

**Fixing system:**

- Secure fastening system ensuring stable attachment to the pole
- Prevents rotation, slippage or loosening after installation

**Cable management:**

- Allows safe routing and protection of power and network cables

**Compatibility:**

- Compatible with IP cameras specified under Item 2
- Compatible with other mounting accessories specified under Item 3 where applicable

**Environmental resistance:**

- Suitable for permanent outdoor installation
- Resistant to corrosion, humidity and temperature variations

**Finish:**

- Neutral color suitable for integration with lighting poles and urban furniture

**Durability:**

- Designed for long-term operation in public outdoor infrastructure environments

**3.1.5.4 Wall mount bracket for IP cameras**

With the following minimum technical characteristics:

**Application:**

- Wall mounting of IP cameras on building facades, perimeter walls and vertical structures in outdoor surveillance installations

**Design and construction:**

- Rigid mounting bracket manufactured from corrosion-resistant metal, suitable for structural fixation

**Mechanical performance:**

- Designed to withstand static and dynamic loads generated by the camera weight, wind and vibration

**Fixing system:**

- Secure wall anchoring system compatible with concrete and masonry substrates
- Prevents rotation, misalignment or loosening after installation

**Cable management:**

- Integrated internal cable routing allowing protected entry of power and network cables into the wall

**Compatibility:**

- Compatible with IP cameras specified under Item 2
- Compatible with additional mounting accessories specified under Item 3, where applicable

**Environmental resistance:**

- Suitable for permanent outdoor installation
- Resistant to corrosion, humidity, UV exposure and temperature variations

**Finish:**

- Neutral color suitable for architectural integration

**Durability:**

- Designed for long-term operation in public outdoor infrastructure environments

**3.1.5.5 Pendant mounting kit for IP cameras**

with the following minimum technical characteristics:

**Application:**

- Suspended (pendant) mounting of IP cameras on ceilings, soffits or elevated horizontal structures in indoor and outdoor environments

**Design:**

- Pendant-type mounting system allowing vertical suspension of the camera

**Material and construction:**

- Manufactured from corrosion-resistant metal, suitable for permanent structural installation

**Mechanical performance:**

- Designed to safely support the weight of the camera and associated cabling
- Resistant to vibration and mechanical stress typical of suspended installations

**Cable management:**

- Integrated internal cable routing allowing protected passage of power and network cables

**Fixing system:**

- Secure attachment to ceiling or structural element, ensuring long-term mechanical stability

**Compatibility:**

- Compatible with IP cameras specified under Item 2
- Compatible with other mounting accessories specified under Item 3, where applicable

**Environmental resistance:**

- Suitable for permanent installation in indoor or outdoor environments
- Resistant to corrosion, humidity and temperature variations

**Finish:**

- Neutral color suitable for architectural and urban integration

**Durability:**

- Designed for long-term operation in public infrastructure environments

**3.1.5.6 Pendant mounting kit for IP cameras (variant)**

with the following minimum technical characteristics:

**Application:**

- Suspended (pendant) mounting of IP cameras on ceilings, overhangs or structural elements, where different mounting configurations or clearances are required

**Design:**

- Pendant-type mounting system suitable for vertical camera suspension

**Material and construction:**

- Manufactured from corrosion-resistant metal, suitable for permanent indoor and outdoor installation

**Mechanical performance:**

- Designed to safely support the camera and accessories under static and dynamic loads
- Resistant to vibration and mechanical stress associated with suspended installations

**Cable management:**

- Integrated internal routing for power and network cables, fully protected after installation

**Fixing system:**

- Secure attachment to ceiling or structural support, ensuring long-term mechanical stability

**Compatibility:**

- Compatible with IP cameras specified under Item 2
- Compatible with other mounting accessories specified under Item 3, where applicable

**Environmental resistance:**

- Suitable for permanent installation in indoor or outdoor environments
- Resistant to corrosion, humidity and temperature variations

**Finish:**

- Neutral color suitable for architectural and urban integration

**Durability:**

- Designed for long-term operation in public infrastructure environments

**3.1.5.7 Pendant mounting kit for IP cameras (alternative configuration)**

with the following minimum technical characteristics:

**Application:**

- Suspended (pendant) mounting of IP cameras on ceilings, overhangs or structural elements where increased clearance or alternative mounting geometry is required

**Design:**

- Pendant-type mounting solution allowing vertical suspension of cameras in outdoor or indoor environments

**Material and construction:**

- Manufactured from corrosion-resistant metal, suitable for permanent structural installation

**Mechanical performance:**

- Designed to safely support the camera and accessories under static and dynamic loads
- Resistant to vibration, wind loads and mechanical stress typical of suspended installations

**Cable management:**

- Integrated internal routing for power and network cables, ensuring full protection after installation

**Fixing system:**

- Secure attachment to ceiling or supporting structure, ensuring long-term mechanical stability

**Compatibility:**

- Compatible with IP cameras specified under Item 2
- Compatible with mounting accessories specified under Item 3, where applicable

**Environmental resistance:**

- Suitable for permanent installation in indoor or outdoor environments
- Resistant to corrosion, humidity and temperature variations

**Finish:**

- Neutral color suitable for architectural and urban integration

**Durability:**

- Designed for long-term operation in public infrastructure and surveillance environments

### ***3.1.6 Video Surveillance Platform***

#### **3.1.6.1 Open Video Surveillance Platform (Video Management System – VMS), with licenses for a minimum of 81 video devices**

with the following minimum technical characteristics:

- General architecture
- Software-based video management platform designed for medium to large-scale installations
- Open architecture, decoupling hardware from software
- Designed for deployment on standard IT infrastructure
- Scalability and capacity
- Licensed and operational for at least 81 video devices at initial deployment
- Capability to scale to additional cameras, servers and users without system reinstall
- Support for multiple recording servers operating simultaneously
- Interoperability

- Native compatibility with ONVIF Profile S, G and T
- Support for integration of IP cameras and encoders from multiple manufacturers
- Ability to integrate third-party systems such as video analytics, access control and intercom systems
- System components

**Support for a modular architecture including:**

- Management server
- Recording server(s)
- Database services
- Optional mobile / client services
- Components may reside on physical or virtualized servers
- Client and user management
- Support for multiple simultaneous client connections
- Role-based user access control
- Centralized management of users, cameras and permissions
- Video recording and storage
- Flexible video recording rules (continuous, motion-based, event-based)
- Support for local storage, centralized storage or hybrid architectures
- Secure video export with audit trail
- Cybersecurity
- Secure communication using encryption protocols (e.g. HTTPS or equivalent)
- Role-based access control and authentication mechanisms
- Regular manufacturer-supplied security updates
- Minimum guaranteed cybersecurity support period of 5 years
- System reliability
- Support for redundancy and failover of critical components
- Automatic recovery after server or network interruptions
- Logging and monitoring of system health and events
- Mobility and remote access
- Availability of mobile client applications for Android and iOS
- Secure remote access for authorized users
- Integration with existing infrastructure
- Capability to integrate with the existing Building Management Platform through documented APIs or standard protocols
- Support for metadata exchange and event integration
- Compliance and standards
- Compliant with applicable IEC / EN standards

- Designed for long-term operation in public infrastructure environments
- Licensing
- Licenses shall be perpetual or long-term, not subscription-based for basic operation
- Licenses shall cover management, recording and viewing functionalities for the specified number of devices

### **3.1.6.2 Server hardware and operating environment for the Video Surveillance Platform**

with the following minimum technical characteristics:

- General purpose
- Dedicated server infrastructure to support the Video Management System, including management, recording and storage services
- Designed for continuous 24/7 operation in a video surveillance environment
- Server form factor
- Rack-mounted server, suitable for installation in standard 19-inch data center or technical racks
- Processing capacity

#### **Server-grade CPU(s) with sufficient performance to support:**

- Simultaneous management and recording of at least 81 IP cameras
- Video decoding, event handling and system services
- Multi-core architecture suitable for video workloads
- Memory
- Minimum 32 GB RAM, expandable to support future system growth
- Use of server-grade memory suitable for continuous operation
- Storage architecture
- Storage subsystem designed for continuous video recording workloads
- Separation of system and video recording storage is recommended
- Support for redundant storage configurations (e.g. RAID) to ensure data integrity
- Storage performance adequate for simultaneous recording of all licensed cameras
- Network interfaces
- Minimum dual Gigabit Ethernet interfaces or higher
- Network throughput suitable for handling video streams from all connected devices
- Power and reliability
- Redundant power supplies, hot-swappable, suitable for enterprise operation
- Designed for high availability and reduced downtime
- Operating system

- Server-class operating system, compatible with the proposed Video Surveillance Platform
- Fully supported by the VMS manufacturer for the intended lifespan of the system
- Virtualization (optional)
- Capable of operating in a virtualized environment, if required by the Purchaser
- Compatible with common enterprise virtualization platforms
- Security
- Support for operating system hardening and security best practices
- Regular security updates supported by the operating system vendor
- Environmental requirements
- Suitable for operation in technical rooms with controlled temperature and power supply
- Compliance
- CE marked
- Compliant with applicable IEC / EN standards for information technology equipment
- Warranty and support
- Minimum 3 years manufacturer's warranty, extendable
- Availability of hardware support services suitable for critical infrastructure environments
- Windows Server 2022 STD-
  - • RACK 2U 8X3.5" SATA/SAS3 2X650W
  - • CPU INTEL XEON BRONZE 3204 6C/6T 1.9GHZ 8.25MB
  - • Server-grade DDR4 ECC memory modules, minimum 8 GB per module
  - • Enterprise solid-state drives (SSD), minimum 240 GB for operating system
  - • Enterprise solid-state drives (SSD), minimum 960 GB for recording
  - • Enterprise-grade hard disk drives, minimum 6 TB per unit, rated for 24/7 operation
- • Windows Server 2022 Standard

### **3.1.6.3 All-in-One workstation for video surveillance monitoring**

with the following minimum technical characteristics:

- General purpose
- Dedicated operator workstation for real-time visualization, monitoring and operation of the Video Surveillance Platform
- Designed for continuous use in a security control room environment
- Form factor
- All-in-One (AIO) workstation, integrating display, processing unit and graphics in a single enclosure

- Suitable for professional installation with reduced cabling and footprint
- Display

**Integrated display with the following minimum characteristics:**

- Screen size  $\geq 27$  inches
- Resolution Full HD (1920  $\times$  1080) or higher
- Aspect ratio suitable for multi-camera viewing layouts
- Anti-glare surface suitable for prolonged monitoring sessions
- Processing performance

**Modern multi-core processor, suitable for:**

- Simultaneous decoding and visualization of multiple HD video streams
- Operation of VMS client software and related security applications
- Performance class equivalent to current-generation desktop CPUs
- Graphics subsystem

**Integrated graphics subsystem capable of:**

- Hardware-accelerated decoding of H.264 and H.265 video streams
- Concurrent display of multiple live and recorded video feeds
- Stable operation under continuous video rendering workloads
- Memory
- Minimum 16 GB RAM, expandable
- Suitable for multitasking and concurrent video decoding
- Storage
- Solid-state drive (SSD) for operating system and application storage
- Capacity sufficient to ensure fast boot and responsive operation
- Operating system
- 64-bit professional desktop operating system, fully compatible with the Video Surveillance Platform client software
- Supported by the VMS manufacturer
- Connectivity
- Integrated Gigabit Ethernet interface
- Wireless connectivity optional
- USB and peripheral interfaces suitable for keyboard, mouse and operator accessories
- Reliability and operation
- Designed for sustained daily operation in a monitoring environment
- Thermal design suitable for continuous workload without performance degradation
- Compliance
- CE marked

- Compliant with applicable IEC / EN standards for information technology equipment
- Warranty and support
- Minimum 3-year manufacturer's warranty
- Warranty suitable for professional and public infrastructure use

#### **3.1.6.4 Modular Integrated Security Platform - PSIM**

with the following minimum technical characteristics:

The Modular Integrated Security Platform – PSIM will aim to aggregate in a harmonious way all the Protection and Security disciplines, as well as the Technical Management of HVAC, Lighting and Energy, among other technical systems. The PSIM Platform should also promote interactivity functions among all systems aggregated within it, thus obtaining a complete protection solution.

The PSIM is an open application that allows the management and monitoring of any system based on standard protocols (BACnet, ONVIF, Modbus, DALI, etc.) and with modular functionalities through VMS, access control, video analytics, and mass notification applications. As such, this Platform will allow integrating all the previously described subsystems in a single entry point, enabling individual or combined management.

The Platform architecture will be of the client/server type and will allow the integration of all devices associated with the disciplines mentioned above, allowing, in addition to their centralisation, that all subsystems maintain their functional and operational autonomy. Even in the event of a communication failure between the sub-systems and the central system, the functionality of each subsystem will not be affected, nor will the respective programming resident in each control panel.

Depending on the requirements, there will be several possible implementation typologies, depending for example on the size of the system or the existence of Sites located in geographically dispersed locations that are intended to be managed.

The Platform will be run on a PC-type computer application with a Windows operating system. It is a very easy-to-use application where the man/machine dialogue will be carried out in clear text in English (or other languages if required). The Platform will allow the operator a clearer and unambiguous view of the status of each subsystem, referencing any and all occurrences (alarm, fault, status) with identification identical to that which occurs in the respective subsystem. These occurrences will be presented in different colours, thus allowing priority events to be highlighted.

The platform will ensure data confidentiality in memory and system access through passwords for different users, as well as the definition of hierarchical levels dependent on each user's capabilities in configuration, operation and command over the system.

The platform will be composed of three management bases: Security management, Automation and Comfort management, and the integration of the two. It will support multiple simultaneous operators. The management of security subsystems

and the automation and comfort system will share the same appearance, functionalities and operations, contributing to a more intuitive operation.

- **Operator Capabilities**

The platform will allow operators to:

- Operate the subsystems from the central Platform;
- View and manage events (acknowledge, silence and reset);
- Supervise and control subsystem graphics;
- Identify event priorities (event priority level will be highlighted);
- Maintain continuous knowledge of the current status of the subsystems;
- Navigate quickly (via a single click) to the selected element;
- Store and retrieve fire alarm activity data;
- Distribute supervision and control resources (Protection, Security and Technical Management) throughout the platform client management network;
- Provide operational procedures in the event of a critical event;
- View multiple video streams simultaneously;
- Send automatic messages via e-mail, SMS and pagers;
- Include/exclude system devices;
- View and automatically schedule data history.

These operations can be performed using the keyboard and/or mouse of the Operations Workstation, or remotely via a tablet or mobile phone.

- **Main Platform Features**

The Platform will have the following main features:

- Use of AutoCAD graphics with smart objects;
- Text display;
- Long-term data storage;
- Planning and scheduling;
- Macros;
- Reaction processor;
- Historical reports;
- Journalling;
- Remote notification;
- Log viewer;
- Mobile App;
- Video Surveillance;
- Online engineering.

- **AutoCAD Graphics with Smart Objects**

The platform, in addition to providing simple but complete information on occurrences, will have a mechanism that will guide and present information through AutoCAD graphics with smart objects. The use of smart objects will allow the operator to drag and build graphics without the need to do it manually. The graphics editor will also include an AutoCAD tool that will allow the selection and manipulation of layers from AutoCAD drawings. The platform will also offer standard graphic libraries that will provide elements that can be customised for each specific project.

- **Text Display**

A summary of the current status of any selected object will be provided without prior configuration.

- **Long-Term Data Storage**

The platform will allow an extensive history of online data to be maintained, providing support for on-line, on-demand and re-mounting data archiving.

- **Planning**

It will allow configuring and displaying the calendar, BACnet scheduling, command objects, as well as workstation schedules. The schedules will be automatically associated with the systems they control, so that the operator can quickly access the schedules/plans associated with any subsystem.

- **Macros**

Macros are predefined lists of commands that allow the operator to send a group of commands to specified devices with a single action. Some macros can be initiated manually while others can be part of schedules for automatic actions. Macros will also be used by the system to perform various command actions. These predefined system macros will be applied to specific control actions – for example, commands to trigger control panels and system backup functions.

- **Reaction Processor**

The Reaction Processor will allow the operator to configure the platform to perform certain actions when defined conditions are met. The conditions can be time-based (e.g., every Monday at 7:00 am), event-based (e.g., when there is a failure in technical equipment), value-change-based (e.g., when a room temperature exceeds a predefined value) or a combination of some or all of the above. When the conditions are met, the Reaction Processor executes a pre-configured list of commands (e.g., turns on the lights).

- **Reports**

It will include standard report templates (e.g., status, event or configuration templates) and will allow an operator to fully create configurable reports with logos, headers, footers and custom layouts that include graphical information about the

system. Reports can be scheduled and saved in CSV or PDF formats for future use, and/or programmed and sent via e-mail to pre-configured recipients (e.g., every Monday morning at 8:00 am, a report with all alarms that occurred in the last seven days is created and sent to the Facilities Manager).

- **Journalling**

The platform can be configured to print a continuous log of the operating system using journalling. The log will be printed on a dedicated printer (the journal log printer), which automatically prints a log when the following are activated: specified alarms, operator/system actions or subsystem actions.

Typical journalling cases will be:

- Print event details when events are generated;
- Check and display when a user logs in and out of the system;
- Check and display object values from a specific system.

- **Remote Notification**

The platform can be configured to automatically or manually send messages (via e-mail, pager or SMS) to emergency responders in the event of an alarm.

- **Log Viewer**

It will provide a history of operator login and logout, and system events or activities that have occurred. It will allow operators to retrieve the history of these events and activities for further analysis and investigation.

- **Mobile App**

It will allow the operator to view and manage alarms and objects of the integrated building management platform. The mobile application will be connected through sections of the application's Web Service.

- **Video Surveillance**

It will allow the operator to monitor and operate video systems. The following options will be included:

- Live video streaming;
- Recording, bookmarking and recording of favourites;
- Search and playback;
- Multi-camera operations for operational procedures;
- Camera groups and camera sequences.

Continuous monitoring of cameras, video monitors (logical), archiving and recording devices will allow a quick response to video events, with each client able to contain multiple video monitors.

- **Online Engineering**

System programming will be done easily and quickly, due to the innovative concept of online engineering. The operator can switch the system to Engineering Mode where system parameters can be configured and operator accounts can be managed. This feature will have the advantage of making configurations online, without the need to launch external tools. This method will significantly reduce engineering time and the time the system will be down while waiting for the new configuration to be applied.

- **Additional Platform Features**
- Document viewer;
- Library to allow integration of subsystems via standard protocols;
- Multiple language support;
- Open platform.

#### **3.1.6.5 Industrial Layer 3 managed Ethernet switch**

with the following minimum technical characteristics:

- General purpose
- Industrial-grade managed Ethernet switch intended for use in critical ICT and video surveillance network infrastructure
- Suitable for distribution and aggregation of CCTV, VMS servers and smart infrastructure services
- Ethernet interfaces
- Minimum 8 × RJ-45 ports supporting 10/100/1000 Mbps Ethernet
- Minimum 8 × SFP ports supporting 1 Gbps and 2.5 Gbps fiber modules
- Minimum 4 × SFP+ ports supporting 10 Gbps fiber uplinks
- Switching and routing
- Layer 3 capable switch

#### **Support for:**

- Static routing
- VLAN routing and inter-VLAN communication
- Advanced traffic segmentation and prioritization
- Performance
- Non-blocking switching fabric
- Forwarding performance suitable for simultaneous high-bandwidth video streams
- Designed for aggregation of high-resolution CCTV traffic
- Network features

#### **Support for:**

- VLANs (IEEE 802.1Q)
- QoS for traffic prioritization (video, management, control traffic)
- Link aggregation

- Port mirroring
- Multicast management suitable for video applications
- Management and diagnostics
- Fully managed switch
- Support for centralized configuration and monitoring (web, CLI or equivalent)
- SNMP or equivalent management protocols
- Event logging and diagnostics
- Cybersecurity
- Support for secure management access
- Role-based access control
- Protection against unauthorized access and basic network attacks
- Industrial design
- Industrial-grade hardware, suitable for continuous 24/7 operation
- Designed for installation in technical cabinets or industrial environments
- Extended operating temperature range suitable for infrastructure installations
- Power and reliability
- Support for redundant or protected power input
- High availability design suitable for mission-critical networks
- Standards and compliance
- CE marked
- Compliant with applicable IEC / EN standards for industrial networking equipment
- Warranty and support
- Minimum 3-year manufacturer's warranty
- Hardware lifecycle suitable for long-term public infrastructure projects

#### **3.1.6.6 Industrial managed Ethernet switch with Power over Ethernet (PoE)**

with the following minimum technical characteristics:

- General purpose
- Industrial-grade managed Ethernet switch intended for field-level connectivity and power supply of CCTV cameras, PTZ units and smart infrastructure devices
- Designed for deployment in outdoor or technical cabinets as part of a distributed video surveillance network
- Ethernet interfaces
- Minimum 8 × RJ-45 Ethernet ports supporting 10/100/1000 Mbps
- All RJ-45 ports supporting Power over Ethernet (PoE)
- Minimum 2 × SFP uplink ports supporting 1 Gbps fiber connections
- PoE performance
- PoE compliant with IEEE 802.3af / 802.3at

**Support for high-power PoE per port, suitable for:**

- Outdoor fixed cameras
- Pan-Tilt-Zoom (PTZ) cameras
- Other PoE-powered field devices
- Intelligent PoE management, including power monitoring and prioritization
- Switching features
- Layer 2 managed switch

**Support for:**

- VLANs (IEEE 802.1Q)
- QoS for prioritization of video traffic
- Link aggregation
- Port mirroring
- Multicast traffic handling suitable for video streaming
- Management and diagnostics
- Fully managed device
- Support for configuration and monitoring through web interface, CLI or equivalent
- SNMP or equivalent management protocol support
- Event logging and network diagnostics
- Industrial design
- Industrial-grade hardware, suitable for continuous 24/7 operation
- Designed for installation in outdoor enclosures or industrial cabinets
- Extended operating temperature range appropriate for infrastructure environments
- Power and reliability
- Protected or redundant power input
- Designed for high availability and resistance to electrical disturbances
- Cybersecurity
- Secure management access
- Role-based access control
- Basic protections against unauthorized access and network misuse
- Standards and compliance
- CE marked
- Compliant with applicable IEC / EN standards for industrial networking equipment
- Warranty and support
- Minimum 3-year manufacturer's warranty
- Hardware lifecycle suitable for long-term public infrastructure projects

**3.1.6.7 Industrial Layer 3 managed Ethernet switch with high-power PoE**

with the following minimum technical characteristics:

- General purpose
- Industrial-grade managed Ethernet switch intended for high-performance field aggregation in video surveillance and smart infrastructure networks
- Suitable for powering and aggregating high-bandwidth CCTV cameras, including PTZ and advanced outdoor devices
- Ethernet interfaces
- Minimum 4 × RJ-45 ports supporting 2.5GBASE-T Ethernet
- All RJ-45 ports supporting Power over Ethernet (PoE++)
- Minimum 2 × SFP+ ports supporting 10 Gbps fiber uplink connections
- PoE performance
- PoE compliant with IEEE 802.3bt (PoE++)

**Capability to deliver high power per port, suitable for:**

- PTZ cameras
- Multisensor and panoramic cameras
- Other high-power field devices

**Intelligent PoE management, including:**

- Per-port power monitoring
- Power prioritization
- Overload protection
- Switching and routing

**Layer 3 capable switch, supporting:**

- Static routing
- Inter-VLAN routing
- Advanced traffic segmentation
- Designed to handle high-throughput video traffic at the edge of the network
- Network features

**Support for:**

- VLANs (IEEE 802.1Q)
- Quality of Service (QoS) for prioritization of video and control traffic
- Link aggregation
- Multicast management suitable for video streaming
- Port mirroring for diagnostics
- Management and diagnostics
- Fully managed device
- Support for configuration and monitoring via web interface, CLI or equivalent
- SNMP or equivalent management protocol support

- Event logging and network diagnostics
- Industrial design
- Industrial-grade hardware, suitable for continuous 24/7 operation
- Designed for installation in outdoor cabinets or industrial enclosures
- Extended operating temperature range suitable for infrastructure deployments
- Power and reliability
- Protected or redundant power input
- Designed for high availability and resistance to electrical disturbances
- Cybersecurity
- Secure management access
- Role-based access control
- Basic protections against unauthorized access and network misuse
- Standards and compliance
- CE marked
- Compliant with applicable IEC / EN standards for industrial networking equipment
- Warranty and support
- Minimum 3-year manufacturer's warranty
- Hardware lifecycle suitable for long-term public infrastructure projects

#### **3.1.6.8 Industrial Layer 3 managed Ethernet switch with high-power PoE**

with the following minimum technical characteristics:

##### **General purpose:**

- Industrial-grade managed Ethernet switch intended for use in high-availability video surveillance and smart infrastructure networks
- Suitable for aggregation and distribution of powered CCTV devices and high-bandwidth uplinks to core network elements

##### **Ethernet interfaces:**

- Minimum 8 × RJ-45 ports supporting 10/100/1000 Mbps Ethernet
- All RJ-45 ports supporting Power over Ethernet (PoE++)
- Minimum 2 × SFP ports supporting 100/1000 Mbps fiber Ethernet
- Minimum 2 × SFP+ ports supporting 10 Gbps fiber uplink connections

##### **PoE performance:**

- PoE compliant with IEEE 802.3bt (PoE++)

##### **Capable of delivering high power per port, suitable for:**

- PTZ cameras
- Multisensor and panoramic cameras
- Other high-power field devices

- Intelligent PoE management including per-port power monitoring, prioritization and protection

**Switching and routing:**

- Layer 3 capable switch
- Support for static routing and inter-VLAN routing
- Designed to handle high-density video traffic and control data simultaneously

**Network features:**

- Support for VLANs (IEEE 802.1Q)
- Quality of Service (QoS) for prioritization of video and management traffic
- Link aggregation
- Multicast traffic management suitable for video streaming
- Port mirroring for diagnostics and troubleshooting

**Management and diagnostics:**

- Fully managed device
- Support for configuration and monitoring via web interface, CLI or equivalent
- Support for SNMP or equivalent management protocols
- Event logging and system diagnostics

**Industrial design:**

- Industrial-grade hardware suitable for continuous 24/7 operation
- Designed for installation in outdoor or industrial cabinets
- Extended operating temperature range suitable for infrastructure deployments

**Power and reliability:**

- Protected or redundant power input
- Designed for high availability and resistance to electrical disturbances

**Cybersecurity:**

- Secure management access
- Role-based access control
- Protection against unauthorized access to management interfaces

**Standards and compliance:**

- CE marked
- Compliant with applicable IEC / EN standards for industrial networking equipment

**Warranty and support:**

- Minimum 3-year manufacturer's warranty
- Hardware lifecycle suitable for long-term public infrastructure projects

**3.1.6.9 Industrial single-port multi-gigabit Power over Ethernet (PoE++) injector** with the following minimum technical characteristics:

**General purpose:**

- Industrial-grade PoE injector intended to supply power and data connectivity to high-power Ethernet devices in video surveillance and smart infrastructure networks
- Designed for powering advanced CCTV devices where PoE switching is not available or where injection is required at specific network points

**Ethernet interface:**

- Single Ethernet port supporting multi-gigabit data transmission
- Suitable for use with Gigabit and multi-gigabit Ethernet devices

**PoE performance:**

- PoE compliant with IEEE 802.3bt (PoE++)
- Capable of delivering up to 95 Watts of PoE power to the powered device

**Suitable for powering:**

- PTZ cameras
- Multisensor and panoramic cameras
- Other high-power field or network devices

**Power input:**

- DC power input range from 12 V to 54 V DC
- Designed for integration with industrial power supplies, batteries or DC power systems

**Operational reliability:**

- Stable power delivery under continuous load
- Protection against overload, short circuit and abnormal operating conditions

**Industrial design:**

- Industrial-grade construction suitable for continuous 24/7 operation
- Designed for installation in outdoor cabinets or industrial environments

**Environmental conditions:**

- Operating temperature range from -40 °C to +75 °C
- Suitable for harsh environmental and infrastructure deployments

**Cybersecurity and network integrity:**

- Transparent data forwarding without modification of Ethernet traffic
- No impact on network segmentation or security mechanisms implemented upstream

**Standards and compliance:**

- CE marked
- Compliant with applicable IEC / EN standards for industrial networking and power delivery equipment

**Warranty and support:**

- Minimum 3-year manufacturer's warranty

- Product lifecycle suitable for long-term public infrastructure projects

### **3.1.6.10 Multi-gigabit optical transceiver module for Ethernet networks**

with the following minimum technical characteristics:

#### **General purpose:**

- Optical transceiver module intended for high-performance fiber-optic Ethernet connectivity in video surveillance and smart infrastructure networks
- Suitable for use with the managed Ethernet switches specified under Items 4.5, 4.7 and 4.8

#### **Form factor:**

- Small Form-factor Pluggable (SFP) module
- Hot-swappable design compatible with standard SFP ports

#### **Transmission speed:**

- Support for 2.5 Gbps Ethernet (2.5GBASE-X / SX)
- Designed for stable operation under continuous high-throughput conditions

#### **Optical characteristics:**

- Operating wavelength 850 nm
- Designed for multi-mode fiber (MMF) transmission
- Maximum transmission distance: 300 meters over suitable MMF cabling

#### **Connector and cabling:**

- Duplex LC/UPC optical connector
- Compatible with standard multi-mode fiber infrastructure

#### **Diagnostics and monitoring:**

- Support for digital optical monitoring (DOM), enabling real-time monitoring of optical parameters where supported by the host equipment

#### **Operational reliability:**

- Designed for continuous 24/7 operation in high-bandwidth network environments
- Stable performance suitable for video surveillance traffic

#### **Environmental suitability:**

- Suitable for installation in technical rooms or industrial network environments

#### **Standards and compliance:**

- Compliant with applicable IEEE Ethernet standards for optical transmission
- CE marked
- Compliant with applicable IEC / EN standards for fiber-optic communication equipment

#### **Warranty and support:**

- Minimum 3-year manufacturer's warranty
- Product lifecycle suitable for long-term public infrastructure projects

### **3.1.6.11 High-speed optical transceiver module for long-range Ethernet connectivity**

with the following minimum technical characteristics:

#### **General purpose:**

- Optical transceiver module intended for long-distance, high-bandwidth fiber-optic Ethernet links in video surveillance and smart infrastructure networks
- Suitable for backbone and aggregation links between network switches specified under Items 4.5, 4.7 and 4.8

#### **Form factor:**

- Small Form-factor Pluggable Plus (SFP+) module
- Hot-swappable design compatible with standard SFP+ ports

#### **Transmission speed:**

- Support for 10 Gbps Ethernet (10GBASE-LRM or equivalent)
- Designed for stable operation under continuous high-throughput conditions

#### **Optical characteristics:**

- Operating wavelength 1310 nm
- Designed for single-mode fiber (SMF) transmission
- Maximum transmission distance: up to 2 km, depending on fiber characteristics

#### **Connector and cabling:**

- Duplex LC/UPC optical connector
- Compatible with standard single-mode fiber infrastructure

#### **Diagnostics and monitoring:**

- Support for digital optical monitoring (DOM), enabling real-time monitoring of optical parameters where supported by the host equipment

#### **Operational reliability:**

- Designed for continuous 24/7 operation in high-bandwidth network environments
- Stable performance suitable for aggregation of video surveillance traffic

#### **Environmental suitability:**

- Suitable for installation in technical rooms and industrial network environments

#### **Standards and compliance:**

- Compliant with applicable IEEE Ethernet standards for optical transmission
- CE marked
- Compliant with applicable IEC / EN standards for fiber-optic communication equipment

#### **Warranty and support:**

- Minimum 3-year manufacturer's warranty

- Product lifecycle suitable for long-term public infrastructure projects

### 3.1.6.12 Industrial AC/DC power supply unit for DIN-rail mounting

with the following minimum technical characteristics:

#### **General purpose:**

- Industrial-grade power supply unit intended for powering Ethernet switches, PoE injectors and network equipment used in video surveillance and smart infrastructure installations
- Designed for continuous operation in technical cabinets and industrial environments

#### **Mounting and form factor:**

- DIN-rail mountable design suitable for standard electrical and network cabinets
- Compact and robust construction suitable for infrastructure deployments

#### **Input characteristics:**

- AC/DC input power supply, suitable for industrial and technical installations
- Designed for connection to standard AC power sources and compatible DC systems

#### **Output characteristics:**

- Single DC output
- Nominal output voltage 48 V DC
- Rated output current 5 A
- Rated output power: minimum 240 W

#### **Performance and stability:**

- Stable DC output suitable for powering sensitive ICT and networking equipment
- Protection against overload, over-voltage, short circuit and thermal stress

#### **Operational reliability:**

- Designed for continuous 24/7 operation under full load
- High efficiency suitable for long-term infrastructure use

#### **Industrial design:**

- Industrial-grade components suitable for use in demanding environments
- Designed for installation alongside industrial Ethernet and power equipment

#### **Environmental conditions:**

- Operating temperature range suitable for industrial and outdoor cabinet environments

#### **Standards and compliance:**

- CE marked

- Compliant with applicable IEC / EN standards for industrial power supplies and ITE equipment

**Warranty and support:**

- Minimum 3-year manufacturer's warranty
- Product lifecycle suitable for long-term public infrastructure projects

**3.1.6.13 Industrial battery controller module for DC power systems**

with the following minimum technical characteristics:

**General purpose:**

- Industrial-grade battery controller module intended for the management, protection and control of battery systems used as backup or energy buffering in video surveillance and smart infrastructure networks
- Designed to operate in conjunction with industrial AC/DC power supply units specified under Item 4.12

**Functionality:**

- Intelligent control of battery charging and discharging processes
- Automatic switchover between mains power supply and battery operation
- Protection of batteries against deep discharge, over-charging and abnormal operating conditions

**System compatibility:**

- Designed for use in 48 V DC power systems
- Compatible with industrial DC power architectures used for networking and CCTV equipment

**Battery management features:**

- Continuous monitoring of battery status and operating parameters
- Controlled charging profiles to extend battery lifetime
- Automatic reconnection of loads after power restoration

**Operational reliability:**

- Designed for continuous 24/7 operation in critical infrastructure environments
- Stable operation under varying load and environmental conditions

**Mounting and integration:**

- Suitable for installation in industrial or technical cabinets
- Designed for integration alongside DIN-rail mounted power supplies and network equipment

**Industrial design:**

- Industrial-grade components suitable for long-term infrastructure use
- Robust construction resistant to electrical disturbances

**Environmental conditions:**

- Operating temperature range suitable for industrial and outdoor cabinet environments

**Standards and compliance:**

- CE marked
- Compliant with applicable IEC / EN standards for industrial power management and battery control equipment

**Warranty and support:**

- Minimum 3-year manufacturer's warranty
- Product lifecycle suitable for long-term public infrastructure projects

**3.1.6.14 Valve-regulated sealed lead-acid battery (VRLA)**

with the following minimum technical characteristics:

**General purpose:**

- Rechargeable sealed lead-acid battery intended for use as backup energy storage in industrial DC power systems
- Designed for integration with battery controller modules and industrial power supplies specified under Items 4.12 and 4.13

**Battery type:**

- VRLA (Valve-Regulated Lead-Acid) sealed battery
- Maintenance-free design, suitable for enclosed technical cabinets

**Electrical characteristics:**

- Nominal voltage: 12 V DC
- Nominal capacity: 7.2 Ah
- Designed for standby and backup power applications

**Terminal configuration:**

- Faston F2 terminals or equivalent, suitable for secure electrical connection

**Operational performance:**

- Suitable for cyclic charge/discharge and float operation
- Stable performance for critical power backup of networking and surveillance equipment

**Integration and compatibility:**

- Compatible with industrial battery controller modules and 48 V DC power architectures when configured in series or parallel as required

**Environmental suitability:**

- Suitable for installation in indoor technical rooms or controlled industrial cabinets
- Operating temperature range suitable for infrastructure backup applications

**Safety and reliability:**

- Sealed, non-spillable construction

- Designed for safe operation without electrolyte maintenance

**Standards and compliance:**

- CE marked
- Compliant with applicable IEC / EN standards for rechargeable sealed lead-acid batteries

**Warranty and lifecycle:**

- Manufacturer-specified design life suitable for backup power applications
- Product lifecycle compatible with long-term public infrastructure deployments

**3.1.6.15 Modular low-voltage power distribution unit for DIN-rail mounting**

with the following minimum technical characteristics:

**General purpose:**

- Modular power distribution component intended for safe and organized distribution of low-voltage electrical power within industrial and technical cabinets
- Designed for integration in the power distribution architecture supporting network, PoE and surveillance equipment

**Configuration:**

- Two-pole (2P) distribution unit suitable for phase and neutral conductors
- Modular design with 4 DIN modules width (4M)

**Electrical characteristics:**

- Rated current: minimum 100 A
- Suitable for low-voltage AC and DC distribution systems used in industrial ICT installations

**Mounting and integration:**

- DIN-rail mountable design compatible with standard electrical cabinets
- Suitable for integration alongside circuit breakers, power supplies, battery controllers and other modular devices

**Construction and materials:**

- Robust insulating housing suitable for industrial use
- Designed to ensure secure conductor connection and reliable current distribution

**Operational reliability:**

- Designed for continuous 24/7 operation
- Stable performance under rated current load without excessive heating

**Safety:**

- Designed to provide safe segregation and distribution of power circuits
- Suitable for use in protected electrical enclosures and technical rooms

**Standards and compliance:**

- CE marked
- Compliant with applicable IEC / EN standards for low-voltage power distribution and modular electrical equipment

**Warranty and lifecycle:**

- Manufacturer-specified warranty suitable for industrial applications
- Product lifecycle compatible with long-term public infrastructure deployments

**3.1.6.16 Miniature circuit breaker for low-voltage installations**

with the following minimum technical characteristics:

**General purpose:**

- Modular circuit breaker intended to provide overload and short-circuit protection for electrical circuits supplying network, PoE, power supply and surveillance equipment
- Designed for integration into industrial and technical cabinets as part of the power distribution and protection system

**Configuration:**

- 1 pole + neutral (1P+N) circuit breaker
- Modular width 1 DIN module (1M)

**Electrical characteristics:**

- Rated current: 6 A
- Tripping characteristic: Curve C, suitable for circuits with moderate inrush current
- Rated voltage suitable for low-voltage AC installations
- Short-circuit breaking capacity: minimum 6 kA, preferably up to 10 kA, according to installation requirements

**Mounting and integration:**

- DIN-rail mountable, compatible with modular distribution units specified under Item 4.15
- Suitable for installation alongside power supplies, battery controllers and network equipment

**Operational reliability:**

- Designed for continuous 24/7 operation in infrastructure environments
- Stable and repeatable tripping behavior under fault conditions

**Safety:**

- Ensures effective disconnection of phase and neutral conductors during fault conditions
- Designed for use in enclosed electrical and technical cabinets

**Construction:**

- Robust insulating housing suitable for industrial and public infrastructure use

- Mechanical endurance suitable for long-term operation

**Standards and compliance:**

- CE marked
- Compliant with applicable IEC / EN standards for miniature circuit breakers

**Warranty and lifecycle:**

- Manufacturer-specified warranty suitable for industrial applications
- Product lifecycle compatible with long-term public infrastructure deployments

**3.1.6.17 DIN mounting rail for electrical and electronic equipment**

with the following minimum technical characteristics:

**General purpose:**

- Mounting rail intended for the mechanical support and installation of modular electrical and electronic devices within industrial and technical cabinets
- Suitable for installation of power supplies, circuit breakers, battery controllers, power distribution units and networking accessories specified under Items 4.12 to 4.16

**Type and standard:**

- Standard DIN rail compatible with modular electrical devices
- Designed in accordance with EN 60715 or equivalent standard

**Material and construction:**

- Manufactured from galvanized steel or equivalent metal material
- Corrosion-resistant finish suitable for long-term industrial use

**Mechanical characteristics:**

- Adequate mechanical strength to support installed devices without deformation
- Designed to maintain alignment and stability of mounted components

**Mounting and integration:**

- Suitable for mounting inside electrical, network or control cabinets
- Compatible with standard cabinet fixing systems and accessories

**Operational reliability:**

- Designed for continuous 24/7 operation as part of permanent infrastructure installations
- Does not degrade mechanically under normal thermal and load conditions

**Safety:**

- Designed to ensure secure mounting and retention of electrical devices
- Suitable for use in enclosed electrical and technical cabinets

**Standards and compliance:**

- CE marked where applicable

- Compliant with applicable IEC / EN standards for mounting rails and electrical assemblies

**Lifecycle:**

- Product lifecycle suitable for long-term public infrastructure and industrial applications

**3.1.6.18 Industrial subrack enclosure for DIN-rail mounting**

with the following minimum technical characteristics:

**General purpose:**

- Subrack enclosure intended for the organized installation and mechanical protection of DIN-rail mounted electrical and electronic equipment
- Designed for use in power distribution, networking and surveillance system cabinets within industrial and smart infrastructure installations

**Form factor:**

- 3U subrack (19-inch compatible) or equivalent industrial subrack format
- Suitable for accommodation of multiple DIN rails and modular devices

**DIN-rail integration:**

- Designed specifically to support DIN-rail mounting of power supplies, circuit breakers, battery controllers, distribution units and related components
- Compatible with standard DIN rails specified under Item 4.17

**Construction and materials:**

- Robust metal construction suitable for industrial and infrastructure environments
- Corrosion-resistant finish appropriate for long-term installation

**Mechanical characteristics:**

- Adequate structural strength to support mounted equipment without deformation
- Designed to maintain alignment and secure retention of DIN-rail components

**Mounting and integration:**

- Suitable for installation inside electrical, network or control cabinets
- Compatible with standard cabinet mounting systems and accessories

**Operational reliability:**

- Designed for continuous 24/7 operation as part of permanent infrastructure installations
- Maintains mechanical stability under normal thermal and load conditions

**Safety:**

- Provides mechanical protection and orderly arrangement of installed components
- Suitable for use within enclosed technical and electrical cabinets

**Standards and compliance:**

- CE marked where applicable
- Compliant with applicable IEC / EN standards for industrial enclosures and mounting systems

**Lifecycle:**

- Product lifecycle suitable for long-term public infrastructure and industrial applications

**3.1.6.19 Ethernet patch cord for structured cabling systems**

with the following minimum technical characteristics:

**General purpose:**

- Patch cord intended for interconnection of Ethernet devices within network cabinets, racks and technical enclosures supporting video surveillance and smart infrastructure systems
- Suitable for use with switches, PoE equipment, servers and patch panels specified under Chapter 4

**Cable category and performance:**

- Category 6 (Cat. 6) cabling
- Suitable for Ethernet applications up to 1 Gbps and 2.5 Gbps, in accordance with applicable standards

**Shielding:**

- Unshielded twisted pair (U/UTP) design
- Suitable for controlled electromagnetic environments such as network and technical cabinets

**Cable construction:**

- Low Smoke Zero Halogen (LSZH) outer jacket
- Suitable for installation in public infrastructure and enclosed technical spaces

**Connectors:**

- RJ-45 plugs on both ends
- Factory-terminated and tested patch cord

**Wiring scheme:**

- Wired in accordance with TIA/EIA-568A standard

**Length:**

- Nominal length 7.5 meters
- Tolerance suitable for cabinet and rack installations

**Color:**

- Grey or neutral color suitable for structured cabling identification

**Operational reliability:**

- Designed for repeated connection and disconnection without performance degradation
- Stable electrical and mechanical performance under continuous operation

**Standards and compliance:**

- Compliant with applicable IEC / EN and TIA/EIA standards for structured cabling
- CE marked where applicable

**Lifecycle:**

- Product lifecycle suitable for long-term public infrastructure and ICT installations

**3.1.6.20 Ethernet patch cord for structured cabling systems**

with the following minimum technical characteristics:

**General purpose:**

- Patch cord intended for interconnection of Ethernet devices within network cabinets, racks and technical enclosures supporting video surveillance and smart infrastructure systems
- Suitable for use with switches, PoE equipment, servers and patch panels specified under Chapter 4

**Cable category and performance:**

- Category 6 (Cat. 6) cabling
- Suitable for Ethernet applications up to 1 Gbps and 2.5 Gbps, in accordance with applicable standards

**Shielding:**

- Unshielded twisted pair (U/UTP) design
- Suitable for controlled electromagnetic environments such as network and technical cabinets

**Cable construction:**

- Low Smoke Zero Halogen (LSZH) outer jacket
- Suitable for installation in public infrastructure and enclosed technical spaces

**Connectors:**

- RJ-45 plugs on both ends
- Factory-terminated and tested patch cord

**Wiring scheme:**

- Wired in accordance with TIA/EIA-568A standard

**Length:**

- Nominal length 1.5 meters
- Suitable for short-distance interconnections within cabinets and racks

**Color:**

- Grey or neutral color suitable for structured cabling identification

**Operational reliability:**

- Designed for repeated connection and disconnection without performance degradation
- Stable electrical and mechanical performance under continuous operation

**Standards and compliance:**

- Compliant with applicable IEC / EN and TIA/EIA standards for structured cabling
- CE marked where applicable

**Lifecycle:**

- Product lifecycle suitable for long-term public infrastructure and ICT installations

**3.1.7 Fiber Optics****3.1.7.1 Outdoor fiber optic cable for structured network backbone**

with the following minimum technical characteristics:

**Application:**

- Backbone fiber optic cabling for exterior lighting, CCTV and smart infrastructure systems
- Suitable for permanent outdoor installation within the Technology Park infrastructure

**Fiber configuration:**

- 12 optical fibers (01 × 12 fibers)
- Fiber type G.657A1, bend-insensitive, suitable for high-density installations

**Cable construction:**

- Central loose tube design
- Single sheathed cable construction
- Corrugated steel tape (CST) armor providing mechanical and rodent protection

**Outer sheath:**

- UV-resistant HDPE sheath
- Color: black
- Suitable for long-term outdoor exposure

**Fire performance:**

- Fire reaction class Fca in accordance with applicable standards

**Installation method:**

- Suitable for installation in outdoor ducts or direct burial
- Designed to withstand mechanical stresses associated with outdoor infrastructure deployment

**Optical performance:**

- Low attenuation characteristics consistent with G.657A1 fiber requirements
- Suitable for high-bandwidth data transmission for IP video surveillance systems

**Standards and compliance:**

- Compliant with applicable IEC / EN and ITU-T standards for outdoor fiber optic cables
- CE marked where applicable
- 3.1.7.2 Rack / sub-rack for fiber optic, for installation in 19" cabinet/rack,
- · height 3U,
- **empty, ready to receive:**
  - FO panels,
  - splice modules,
  - adaptadores,
  - fiber trays,
  - cable management accessories.

**3.1.7.3 Modular fiber optic patch panel for 19-inch racks**

with the following minimum technical characteristics:

**Application:**

- Termination, distribution and management of fiber optic connections in structured cabling systems
- Suitable for use in indoor technical rooms, network cabinets and telecom racks supporting CCTV and ICT infrastructure

**Rack compatibility:**

- Standard 19-inch rack-mountable design
- 1U height, suitable for high-density installation

**Panel configuration:**

- Empty modular panel, supplied without adapters, pigtails or splice modules
- Designed to accommodate up to 36 fiber optic terminations, depending on the installed modules

**Modularity:**

- Compatible with modular inserts / cassettes, including 3 modular bays of 7 HP each or equivalent
- Allows flexible configuration and future expansion using different fiber optic modules

**Material and construction:**

- Robust metal construction suitable for long-term installation in technical environments
- Durable surface finish

**Color:**

- Grey, or neutral equivalent suitable for structured cabling identification

**Fiber management:**

- Designed to ensure correct routing and strain relief of optical fibers
- Maintains minimum bend radius requirements for single-mode and multi-mode fibers

**Mounting and access:**

- Front-accessible design for easy installation, maintenance and reconfiguration
- Compatible with standard rack fixing systems

**Operational reliability:**

- Designed for continuous 24/7 operation as part of critical network infrastructure

**Standards and compliance:**

- Compatible with applicable IEC / EN standards for fiber optic patch panels
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional ICT installations

**3.1.7.4 Fibre optic module, plastic, for splicing, with capacity for 6 LC duplex connections, compatible with G.652.D single-mode fibre, PC polish, ceramic ferrule.****Application:**

- Termination and distribution of single-mode fibre optic connections in indoor rack-mounted systems
- For use in 19-inch modular fibre optic patch panels compatible with this module format

**Module type:**

- Plastic modular cassette / insert compatible with the fibre optic patch panel specified under Item 5.3
- Supports 6 LC duplex connections (12 fibres per module)

**Fibre compatibility:**

- Compatible with G.652.D single-mode optical fibre

**Connectors and polish:**

- LC duplex connector format
- PC (Physical Contact) polish on ceramic ferrule

**Insertion loss:**

- Maximum insertion loss  $\leq 0.5$  dB per connection

**Return loss:**

- Minimum return loss  $\geq 35$  dB (PC polish)

**Standards and compliance:**

- Compliant with applicable IEC / EN standards for fibre optic components
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional ICT installations

**3.1.7.5 FIBER TERMINATION BOX IP65 (330x270x120)****Application:**

- Outdoor or harsh-environment fibre optic termination and distribution
- Protection of fibre optic splices, connectors and cable entries in CCTV and structured cabling installations

**Enclosure protection:**

- Minimum degree of protection IP65 in accordance with IEC 60529

**Dimensions:**

- Approximate external dimensions: 330 x 270 x 120 mm (H x W x D)

**Material and construction:**

- Robust construction suitable for outdoor installation and exposure to environmental conditions
- Corrosion-resistant material or surface treatment

**Capacity:**

- Sufficient internal capacity for splice tray(s) and fibre management
- Compatible with single-mode G.652.D fibre optic pigtails and patch cords

**Cable entries:**

- Includes cable glands or entry provisions suitable for outdoor fibre optic cables
- Maintains IP65 protection rating when cables are installed

**Mounting:**

- Wall-mountable or pole-mountable design suitable for outdoor infrastructure
- Includes all fixings and accessories required for proper installation

**Standards and compliance:**

- Compliant with applicable IEC / EN standards for fibre optic enclosures
- CE marked where applicable

**Lifecycle:**

- Designed for long-term outdoor use in public infrastructure and professional ICT installations

**3.1.7.6 LC duplex fibre optic adapter, single-mode (SM), with blue housing, ceramic alignment sleeve, PC polish, flangeless design, suitable for high-density applications, including all components required for proper installation, or equivalent**

**Application:**

- Interconnection of LC duplex fibre optic connectors in patch panels, enclosures and distribution frames
- High-density fibre optic installations in CCTV and structured cabling systems

**Connector type:**

- LC duplex adapter (both sides LC duplex)

**Fibre type:**

- Single-mode (SM), compatible with G.652.D fibre

**Polish type:**

- PC (Physical Contact) polish

**Alignment sleeve:**

- Ceramic alignment sleeve for accurate and low-loss fibre alignment

**Housing:**

- Blue colour housing, identifying single-mode fibre type
- Flangeless design for high-density panel mounting

**Insertion loss:**

- Maximum insertion loss  $\leq 0.3$  dB

**Return loss:**

- Minimum return loss  $\geq 35$  dB (PC polish)

**Standards and compliance:**

- Compliant with applicable IEC / EN standards for fibre optic adapters
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional ICT installations

**3.1.7.7 Fibre optic pigtail, single-mode G.657.A1, LC connector with PC polish, blue colour, length 2.5 m, with ceramic ferrule, supplied in pairs, including all accessories required for proper installation****Application:**

- Fusion splicing of fibre optic cables to connectorised pigtails in splice trays and termination enclosures
- For use in CCTV fibre optic distribution and termination systems

**Fibre type:**

- Single-mode G.657.A1, with enhanced bend-insensitivity suitable for tight-radius routing
- Compatible with G.652.D single-mode fibre

**Connector:**

- LC connector type
- PC (Physical Contact) polish
- Ceramic ferrule for accurate and reliable connection
- Blue colour identifying single-mode fibre

**Length:**

- 2.5 m per pigtail

**Supply:**

- Supplied in pairs, including all accessories required for proper installation

**Insertion loss:**

- Maximum insertion loss  $\leq 0.5$  dB

**Return loss:**

- Minimum return loss  $\geq$  35 dB (PC polish)

**Standards and compliance:**

- Compliant with IEC 60793 and applicable EN standards for single-mode fibre optic pigtails
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional ICT installations

**3.1.7.8 Fibre optic patch cord, LC duplex to LC duplex, single-mode G.657.A2, connectors with PC polish, yellow colour, length 1 m, with ceramic ferrules, supplied in pairs, including all accessories required for proper installation**

**Application:**

- Interconnection of fibre optic equipment in rack-mounted patch panels, switches, transceivers and ODF frames
- Short-distance jumper links in structured cabling systems supporting CCTV and ICT infrastructure

**Fibre type:**

- Single-mode G.657.A2, with enhanced bend-insensitivity for tight-radius installation
- Compatible with G.652.D single-mode fibre systems

**Connector type:**

- LC duplex to LC duplex
- PC (Physical Contact) polish
- Ceramic ferrules on both ends for accurate and reliable connection
- Yellow colour identifying single-mode fibre patch cord

**Length:**

- 1 m

**Supply:**

- Supplied in pairs, including all accessories required for proper installation

**Insertion loss:**

- Maximum insertion loss  $\leq 0.3$  dB per connector

**Return loss:**

- Minimum return loss  $\geq 35$  dB (PC polish)

**Standards and compliance:**

- Compliant with IEC 61754, IEC 60793 and applicable EN standards for single-mode fibre optic patch cords
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional ICT installations

**3.1.8 Data Network****3.1.8.1 19" 1U PC Patch Panel 24-Port/s, Cat. 6, gray, empty**

with the following minimum technical characteristics:

**Application:**

- Termination and distribution of structured copper cabling in 19-inch rack-mounted network installations
- For use in CCTV, ICT and building management network infrastructure

**Form factor:**

- 19-inch rack-mountable, 1U height
- 24-port panel, empty (keystone modules supplied separately)

**Performance category:**

- Category 6 (Cat. 6) in accordance with ISO/IEC 11801 and EN 50173
- Supports transmission frequencies up to 250 MHz

**Colour:**

- Grey

**Material and construction:**

- Robust metal construction suitable for long-term installation in technical environments
- Compatible with standard 19-inch rack fixing systems

**Port configuration:**

- 24 keystone ports accepting Cat. 6 or Cat. 6A connection modules
- Ports numbered for easy identification and cable management

**Standards and compliance:**

- Compliant with ISO/IEC 11801, EN 50173 and applicable IEC / EN standards for structured cabling components
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional ICT installations

**3.1.8.2 Connection Module Cat. 6A EL, 1xRJ45/s Keystone**

with the following minimum technical characteristics:

**Application:**

- Termination of structured copper cabling in patch panels, wall outlets and surface-mounted enclosures
- High-speed data transmission in CCTV and ICT structured cabling systems

**Performance category:**

- Category 6A (Cat. 6A) in accordance with ISO/IEC 11801 and EN 50173
- Supports transmission frequencies up to 500 MHz
- Compatible with 10GBASE-T (10 Gigabit Ethernet) applications

**Connector:**

- RJ45 keystone module (1 port per module)
- Compatible with Cat. 6A and Cat. 6 patch panels and surface-mounted outlets

**Cable compatibility:**

- Suitable for termination of U/FTP and F/UTP Cat. 6A installation cables
- Tool-free or tool-assisted termination depending on module design

**Standards and compliance:**

- Compliant with ISO/IEC 11801, EN 50173, IEC 60603-7 and applicable EN standards
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional ICT installations

**3.1.8.3 Installation Cable Cat. 6A, U/FTP, 4P, 650 MHz, LSZH, gray, Dca, 500 m** with the following minimum technical characteristics:

**Application:**

- Horizontal and backbone structured cabling in buildings and technical infrastructure
- Data transmission for CCTV, ICT and building management systems

**Performance category:**

- Category 6A (Cat. 6A) in accordance with ISO/IEC 11801 and EN 50173
- Transmission frequency: 650 MHz
- Supports 10GBASE-T (10 Gigabit Ethernet) applications up to 100 m

**Cable construction:**

- U/FTP (Unshielded cable, Foiled Twisted Pairs) — 4 individually foil-shielded twisted pairs
- 4 pairs (4P)

**Sheath:**

- LSZH (Low Smoke Zero Halogen) outer sheath
- Grey colour
- Fire performance class Dca in accordance with EN 50575

**Supply:**

- Supplied in 500 m reels

**Standards and compliance:**

- Compliant with ISO/IEC 11801, EN 50173, IEC 61156 and EN 50575
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional ICT installations

**3.1.8.4 Surface-mounted data outlet, with minimum degree of protection IP54, approximate dimensions 87x87 mm, suitable for dual Cat.6A connectivity, in white**

**colour, including enclosure, cover plate and all accessories required for complete assembly and proper installation**

with the following minimum technical characteristics:

**Application:**

- Surface-mounted termination point for structured copper cabling in indoor and semi-outdoor environments
- For use with CCTV cameras, network equipment and structured cabling distribution in the CCTV and ICT system

**Protection rating:**

- Minimum degree of protection IP54 in accordance with IEC 60529

**Dimensions:**

- Approximate dimensions: 87 x 87 mm (H x W)

**Connectivity:**

- Supports dual Cat. 6A keystone modules (2 ports)
- Compatible with Cat. 6A connection modules specified under Item 6.2

**Colour:**

- White

**Supply:**

- Includes enclosure body, cover plate and all accessories required for complete assembly and proper installation

**Standards and compliance:**

- Compliant with applicable IEC / EN standards for structured cabling outlets
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional ICT installations

**3.1.8.5 Field-terminable RJ45 male connector, Category 6A, suitable for use with twisted pair copper cables, slim design, with minimum protection rating IP20, ensuring reliable high-speed data transmission performance, including all components required for proper termination and installation**

with the following minimum technical characteristics:

**Application:**

- Field termination of Cat. 6A twisted pair copper cables directly at the connector without pre-made patch cords
- For use in CCTV, ICT and structured cabling systems requiring custom cable lengths

**Connector type:**

- RJ45 male plug, field-terminable (tool-assisted or tool-free termination)
- Slim design for use in tight spaces and high-density installations

**Performance category:**

- Category 6A in accordance with ISO/IEC 11801 and EN 50173
- Supports 10GBASE-T (10 Gigabit Ethernet) applications

**Protection rating:**

- Minimum protection rating IP20 in accordance with IEC 60529

**Cable compatibility:**

- Suitable for U/FTP and F/UTP Cat. 6A installation cables

**Supply:**

- Includes all components required for proper termination and installation

**Standards and compliance:**

- Compliant with ISO/IEC 11801, EN 50173 and IEC 60603-7
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional ICT installations

### ***3.1.9 Electricity***

**3.1.9.1 Low voltage power cable, rated 0.6/1 kV, with copper conductors, cross-section 3G2.5 mm<sup>2</sup>, halogen-free, flame-retardant and low smoke emission (LSZH), suitable for fixed installations, with XLPE insulation and thermoset outer sheath, compliant with applicable IEC/EN standards (including IEC 60502-1 and EN 50575), colour green/yellow included for protective conductor, supplied in lengths as required**

with the following minimum technical characteristics:

**Application:**

- Power distribution in low-voltage fixed installations for CCTV system components, network enclosures and associated equipment

**Rated voltage:**

- 0.6/1 kV in accordance with IEC 60502-1

**Conductors:**

- Copper conductors, cross-section 3G2.5 mm<sup>2</sup> (3 conductors including protective earth)
- Green/yellow colour for protective conductor

**Insulation:**

- XLPE (cross-linked polyethylene) insulation

**Outer sheath:**

- Thermoset outer sheath, LSZH (Low Smoke Zero Halogen)
- Halogen-free and flame-retardant

**Fire performance:**

- Compliant with EN 50575 for low smoke and flame-retardant properties

**Supply:**

- Supplied in lengths as required for the installation

**Standards and compliance:**

- Compliant with IEC 60502-1 and EN 50575
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure installations

**3.1.9.2 Low voltage power cable, rated 0.6/1 kV, with copper conductors, cross-section 3G6 mm<sup>2</sup>, halogen-free, flame-retardant and low smoke emission (LSZH), suitable for fixed installations, with XLPE insulation and thermoset outer sheath, compliant with applicable IEC/EN standards (including IEC 60502-1 and EN 50575), including green/yellow conductor for protective earth, supplied in lengths as required**

with the following minimum technical characteristics:

**Application:**

- Main power distribution in low-voltage fixed installations for CCTV enclosures, network equipment and associated infrastructure

**Rated voltage:**

- 0.6/1 kV in accordance with IEC 60502-1

**Conductors:**

- Copper conductors, cross-section 3G6 mm<sup>2</sup> (3 conductors including protective earth)
- Green/yellow conductor for protective earth

**Insulation:**

- XLPE (cross-linked polyethylene) insulation

**Outer sheath:**

- Thermoset outer sheath, LSZH (Low Smoke Zero Halogen)
- Halogen-free and flame-retardant

**Standards and compliance:**

- Compliant with IEC 60502-1 and EN 50575
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure installations

**3.1.9.3 Weatherproof junction box, with minimum degree of protection IP66 and impact resistance IK08, suitable for outdoor use, including cable glands, sealing elements and all accessories required for complete assembly and proper installation**

with the following minimum technical characteristics:

**Application:**

- Outdoor low-voltage electrical connection and cable junction protection in CCTV and lighting system installations

**Protection rating:**

- Minimum degree of protection IP66 in accordance with IEC 60529
- Minimum impact resistance IK08 in accordance with IEC 62262

**Material and construction:**

- Suitable for outdoor use and exposure to environmental conditions including UV, rain and dust
- Corrosion-resistant material or surface treatment

**Supply:**

- Includes cable glands, sealing elements and all accessories required for complete assembly and proper installation

**Standards and compliance:**

- Compliant with IEC 60670 and applicable IEC / EN standards for electrical enclosures
- CE marked where applicable

**Lifecycle:**

- Designed for long-term outdoor use in public infrastructure installations

**3.1.9.4 Two-component insulating gel compound, suitable for electrical insulation and protection of connections in low voltage installations, providing moisture sealing and mechanical protection, including all accessories required for proper mixing and application**

with the following minimum technical characteristics:

**Application:**

- Electrical insulation, moisture sealing and mechanical protection of low-voltage cable connections and joints
- For use in CCTV, lighting and power distribution installations in indoor and outdoor environments

**Type:**

- Two-component (2K) insulating gel compound, mixed prior to application

**Properties:**

- Provides effective moisture sealing against water ingress
- Electrical insulation suitable for low-voltage applications up to 1 kV
- Mechanical protection of cable connections once cured

**Supply:**

- Includes all accessories required for proper mixing and application

**Standards and compliance:**

- Compliant with applicable IEC / EN standards for cable jointing and insulation compounds
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and electrical installations

**3.1.9.5 Cable gland, size M25, with minimum degree of protection IP65, suitable for use with electrical cables, ensuring proper sealing, strain relief and mechanical retention, including all accessories required for complete and secure installation with the following minimum technical characteristics:**

**Application:**

- Sealed cable entry into electrical enclosures, junction boxes and equipment housings in CCTV and power distribution installations

**Thread size:**

- M25 metric thread

**Protection rating:**

- Minimum degree of protection IP65 in accordance with IEC 60529 when installed

**Functions:**

- Proper cable sealing against dust and moisture ingress
- Strain relief and mechanical retention of the cable

**Material:**

- Corrosion-resistant material suitable for indoor and outdoor use

**Supply:**

- Includes all accessories required for complete and secure installation

**Standards and compliance:**

- Compliant with IEC 60529 and applicable EN standards for cable glands
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and electrical installations

**3.1.9.6 Compact lever-type connecting terminals, suitable for copper conductors up to 6 mm<sup>2</sup>, with capacity for 3 conductors, ensuring reliable electrical connection without tools, including all accessories required for proper installation, supplied in packs**

with the following minimum technical characteristics:

**Application:**

- Tool-free, reliable electrical connection of copper conductors in low-voltage junction boxes and enclosures
- For use in CCTV, lighting and power distribution cable connections

**Type:**

- Compact lever-actuated push-in connecting terminal
- 3-conductor capacity per terminal

**Conductor compatibility:**

- Suitable for solid, stranded and flexible copper conductors up to 6 mm<sup>2</sup>

**Connection method:**

- Tool-free lever actuation for easy and reliable conductor insertion and retention

**Rated voltage and current:**

- Rated for use in low-voltage installations up to 400 V AC / 32 A or equivalent, in accordance with applicable standards

**Supply:**

- Supplied in packs, including all accessories required for proper installation

**Standards and compliance:**

- Compliant with IEC 60998 and applicable EN standards for connecting devices for low-voltage circuits
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and electrical installations

**3.1.9.7 All accessories necessary for proper assembly, fully compatible with the specified equipment, ensuring correct installation, operation and performance with the following minimum technical characteristics:**

**Application:**

- Supply of all complementary accessories and ancillary components required for complete and correct assembly of the electrical and cabling systems specified in this chapter

**Scope:**

- Includes all fixings, fasteners, cable ties, conduit fittings, marking labels, protective covers and any other components necessary for proper installation and operation
- All accessories shall be fully compatible with the equipment and materials specified under Items 7.1 to 7.6

**Compatibility:**

- All accessories shall be selected and supplied to ensure correct installation, reliable long-term operation and compliance with applicable standards

**Standards and compliance:**

- All accessories shall comply with applicable IEC / EN standards relevant to their specific function and application
- CE marked where applicable

**Lifecycle:**

- Designed for long-term use in public infrastructure and professional electrical installations

#### 4. Drawings – Not Applicable

This bidding document includes **no** drawings.

## 5. Inspections and Tests

The following inspections and tests shall be performed:

- Installation
- Configuration and
- Commissioning

The delivery and proper functioning of the equipment at the indicated location should be through the submission of a delivery note and installation note duly signed by the parties.



## Part 3 – Contract

# Section VIII - General Conditions of Contract

## Table of Clauses

1. Definitions .....	178
2. Contract Documents .....	180
3. Fraud and Corruption .....	180
4. Interpretation .....	180
5. Language .....	182
6. Joint Venture, Consortium or Association, Subcontractors.....	183
7. Eligibility.....	183
8. Notices.....	183
9. Governing Law .....	184
10. Settlement of Disputes .....	184
11. Inspections and Audit by the Bank.....	185
12. Scope of Supply .....	185
13. Delivery and Documents.....	185
14. Supplier's Responsibilities .....	185
15. Contract Price.....	185
16. Terms of Payment .....	185
17. Taxes and Duties.....	186
18. Performance Security .....	186
19. Copyright.....	187
20. Confidential Information.....	187
21. Subcontracting .....	188
22. Specifications and Standards.....	188
23. Packing and Documents.....	189

---

24. Insurance.....	189
25. Transportation and Related Services.....	190
26. Inspections and Tests.....	190
27. Liquidated Damages.....	192
28. Warranty.....	192
29. Patent Indemnity .....	193
30. Limitation of Liability.....	194
31. Change in Laws and Regulations.....	195
32. Force Majeure .....	195
33. Change Orders and Contract Amendments.....	196
34. Extensions of Time .....	196
35. Termination.....	197
36. Assignment .....	198
37. Export Restriction .....	198
APPENDIX 1 TO GENERAL CONDITIONS - Fraud and Corruption.....	200
APPENDIX 2 TO GENERAL CONDITIONS - Eligible Countries.....	203

## Section VIII - General Conditions of Contract

1. **Definitions**
- 1.1 The following words and expressions shall have the meanings hereby assigned to them:
- (a) "Bank" means the financing institution named in the Special Conditions of Contract (SCC).
  - (b) "Borrower" means the entity named as the Borrower in the SCC.
  - (c) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
  - (d) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.
  - (e) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
  - (f) "Letter of Bid" means the document entitled letter of bid, which was completed by the Supplier and includes the signed offer to the Purchaser for the Goods.
  - (g) "Specification" means the document entitled specification, as included in the Contract, and any additions and modifications to the specification in accordance with the Contract. Such document specifies the Goods.
  - (h) "Drawings" means the drawings of the Goods, as included in the Contract, and any additional and modified drawings issued by (or on behalf of) the Purchaser in accordance with the Contract.
  - (i) "Schedules" means the document(s) entitled schedules, completed by the Supplier and submitted

with the Letter of Bid, as included in the Contract. Such document may include the Bill of Quantities, data, lists, and schedules of rates and/or prices.

- (j) "Bid" means the Letter of Bid and all other documents which the Supplier submitted with the Letter of Bid, as included in the Contract.
- (k) "Day" means calendar day.
- (l) "Completion" means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (m) "GCC" means the General Conditions of Contract.
- (n) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (o) "Purchaser's Country" is the country specified in the **Special Conditions of Contract (SCC)**.
- (p) "Purchaser" means the entity purchasing the Goods and Related Services, as **specified in the SCC**.
- (q) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
- (r) "SCC" means the Special Conditions of Contract.
- (s) "Subcontractor" means any person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- (t) "Supplier" means the person, private or government entity, or a combination of the above, whose Bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

- (u) "The Project Site," where applicable, means the place named in the SCC.
  - (v) "Party" means the Purchaser or the Supplier as the context requires.
  - (w) "Change Order" or "Change" is defined in Clause 33 [Change Orders and Contract Amendments.]
  - (x) Bank Procurement Framework is defined as Procurement Framework for Goods, Works, Non-Consulting and Consulting Services under "Bank Financing" as defined under Procurement Policy for Bank Group funded operations.
- 2. Contract Documents** 2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
- 3. Fraud and Corruption** 3.1 The Bank requires compliance with the Integrity Framework comprising the African Development Bank Group's Sanctions Procedures, the Bank's Whistleblowing and Complaints Policy, the Bank's Procurement Policy under the Procurement Framework and any other applicable Policies and Procedures including their updates, as set forth in Appendix 1 to the GCC.
- 3.2 The Purchaser requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the Bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.
- 4. Interpretation** 4.1 In the Contract, except where the context requires otherwise:
- (a) words indicating one gender include all genders;
  - (b) words indicating the singular also include the plural and vice-versa;

- (c) provisions including the word “agree”, “agreed” or “agreement” requires the agreement to be recorded in writing;
- (d) “written” or “in writing” means hand-written, type-written, printed or electronically made, and resulting in a permanent record;
- (e) the word “tender” is synonymous with bid and “tenderer” with “bidder” and the words “tender documents” with “bidding documents”;
- (f) The marginal words and other headings shall not be taken into consideration in the interpretation of these Conditions.

#### 4.2 Incoterms

- (a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms **specified in the SCC**.
- (b) The terms EXW, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the **SCC** and published by the International Chamber of Commerce in Paris, France.

#### 4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

#### 4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

#### 4.5 Nonwaiver

- (a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either

party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

#### 4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

### 5. Language

- 5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the **SCC**. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.
- 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

- 6. Joint Venture, Consortium or Association, Subcontractors**
- 6.1 Unless otherwise specified in SCC, if the Supplier is a joint venture, consortium, or association (JV), all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser. Any limit on the maximum number of members in the Joint Venture, Consortium or Association shall be as specified in SCC. Minimum Share of a Member of the JV shall be as specified in SCC.
- 7. Eligibility**
- 7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country of the Bank in accordance with the Bank's Procurement Policy for the Bank Group Funded Operation described under the Bank's Procurement Framework, and as listed in Section V, Eligible Countries under Appendix 2 to General Conditions. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
- 7.2 All Goods and Related Services to be supplied under the Contract and financed by the Bank shall have their origin in Eligible Countries of the Bank in accordance with the Bank's Procurement Policy for the Bank Group Funded Operation described under the Bank's Procurement Framework, and as listed in Section V, Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
- 8. Notices**
- 8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the **SCC**. The term "in writing" means communicated in written form with proof of receipt.
- 8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

- 9. Governing Law**
- 9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Purchaser's Country, unless otherwise specified in the **SCC**.
- 9.2 Throughout the execution of the Contract, the Supplier shall comply with the import of goods and services prohibitions in the Purchaser's Country when
- (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country; or
- 9.2 (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 from that country or any payments to any country, person, or entity in that country.
- 10. Settlement of Disputes**
- 10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the **SCC**.
- 10.3 Notwithstanding any reference to arbitration herein,
- (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
- (b) the Purchaser shall pay the Supplier any monies due the Supplier.

- 11. Inspections and Audit by the Bank**
- 11.1 The Supplier shall keep, and shall make all reasonable efforts to cause its Subcontractors to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time changes and costs.
- 11.2 Pursuant to paragraph 2.2 e. of Appendix 1 to the General Conditions the Supplier shall permit and shall cause its subcontractors and subconsultants to permit, the Bank and/or persons appointed by the Bank to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 3.1 which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).
- 12. Scope of Supply**
- 12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.
- 13. Delivery and Documents**
- 13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.
- 14. Supplier's Responsibilities**
- 14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.
- 15. Contract Price**
- 15.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid, with the exception of any price adjustments authorized in the SCC.
- 16. Terms of Payment**
- 16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.

16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

16.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the Bid price is expressed.

16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.

## 17. Taxes and Duties

17.1 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

17.2 For goods Manufactured within the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

## 18. Performance Security

18.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting

from the Supplier's failure to complete its obligations under the Contract.

18.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency(ies) of the Contract, or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.

18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

## 19. Copyright

19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

## 20. Confidential Information

20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.

20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information

received from the Purchaser for any purpose other than the performance of the Contract.

20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:

- (a) the Purchaser or Supplier need to share with the Bank or other institutions participating in the financing of the Contract;
- (b) now or hereafter enters the public domain through no fault of that party;
- (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
- (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

**21. Subcontracting** 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Such notification, in the original Bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

**22. Specifications and Standards** 22.1 Technical Specifications and Drawings

- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VI, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or

superior to the official standards whose application is appropriate to the Goods' country of origin.

- (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
- (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.

### **23. Packing and Documents**

23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

### **24. Insurance**

24.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with

the applicable Incoterms or in the manner specified in the **SCC**.

- 25. Transportation and Related Services**
- 25.1 Unless otherwise specified in the **SCC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.
- 25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
  - (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
  - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
  - (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
  - (e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- 25.3 Prices charged by the Supplier for related services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services
- 26. Inspections and Tests**
- 26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC**.
- 26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the **SCC**. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable

facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

- 26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
- 26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
- 26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.
- 26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.

26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

## **27. Liquidated Damages**

27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the **SCC** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those **SCC**. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

## **28. Warranty**

28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

28.3 Unless otherwise specified in the **SCC**, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the **SCC**, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof.

The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC**, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

## 29. Patent Indemnity

29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

- (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
- (b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC

Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

### **30. Limitation of Liability**

30.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to

any obligation of the supplier to indemnify the Purchaser with respect to patent infringement

- 31. Change in Laws and Regulations**
- 31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's Country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.
- 32. Force Majeure**
- 32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 32.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

- 33. Change Orders and Contract Amendments**
- 33.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
  - (b) the method of shipment or packing;
  - (c) the place of delivery; and
  - (d) the Related Services to be provided by the Supplier.
- 33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.
- 33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
- 33.4 Subject to the above, no variation in, or modification of, the terms of the Contract shall be made except by written agreement signed by the parties.
- 34. Extensions of Time**
- 34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

## 35. Termination

### 35.1 Termination for Default

- (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
  - (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34;
  - (ii) if the Supplier fails to perform any other obligation under the Contract; or
  - (iii) if the Supplier, in the judgment of the Purchaser has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix 1 to the GCC, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

### 35.2 Termination for Insolvency.

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such

termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

### 35.3 Termination for Convenience.

- (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
  - (i) to have any portion completed and delivered at the Contract terms and prices; and/or
  - (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35.4 Anytime the contract is terminated for any reason indicated under clause 35, the advance payments made, if any, on the undelivered Goods and Related Services, if not already recovered from the Supplier shall become payable to the Purchaser which the Supplier shall pay to the Purchaser within 15 days from the date of receipt of notice of such termination failing which the amount will be recovered as demand by calling the advance payment Bank Guarantee provided under the contract.

## 36. Assignment

36.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

## 37. Export Restriction

37.1 Notwithstanding any obligation under the Contract to complete all export formalities, any export restrictions attributable to the Purchaser, to the country of the

Purchaser, or to the use of the products/goods, systems or services to be supplied, which arise from trade regulations from a country supplying those products/goods, systems or services, and which substantially impede the Supplier from meeting its obligations under the Contract, shall release the Supplier from the obligation to provide deliveries or services, always provided, however, that the Supplier can demonstrate to the satisfaction of the Purchaser and of the Bank that it has completed all formalities in a timely manner, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract. Termination of the Contract on this basis shall be for the Purchaser's convenience pursuant to Sub-Clause 35.3.

## APPENDIX 1 TO GENERAL CONDITIONS

### Fraud and Corruption

*(Text in this Appendix shall not be modified)*

#### 1. Purpose

1.1 The Bank's Integrity Framework 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), 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<sup>1</sup>.

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<sup>2</sup>;
  - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party<sup>3</sup> 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:

---

<sup>1</sup> In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

<sup>2</sup> For the purpose of this sub-paragraph, "another party" refers to a public official acting in relation to the procurement process or contract execution, including Bank staff and employees of other organizations taking or reviewing procurement decisions.

<sup>3</sup> For the purpose of this sub-paragraph, "party" refers to a public official, including Bank staff and employees of other organizations taking or reviewing procurement decisions.; the terms "benefit" and "obligation" relate to the procurement process or contract execution; and the "act or omission" is intended to influence the procurement process or contract execution."

- (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 Integrity Framework 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 firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>4</sup> (ii) to be a nominated<sup>5</sup> 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

---

<sup>4</sup> 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.

<sup>5</sup> 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.

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 bidding documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>6</sup> 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.

---

<sup>6</sup> 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.

## APPENDIX 2 TO GENERAL CONDITIONS

### Eligible Countries

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

A. Provisions under Section 5 “Eligibility” of the Procurement Policy for Bank Group Funded Operations and Chapter A2 of the Operations Procurement Manual under Procurement Framework of the African Development Bank

1. The African Development Fund (ADF) permits firms and individuals from all countries to offer goods, works and services for ADF funded projects.

However, the proceeds of any Financing undertaken in the operations of the African Development Bank (ADB) and the Nigeria Trust Fund (NTF) shall be used for procurement of goods and works, including the related services, provided by bidders from Eligible<sup>7</sup> Countries.<sup>8</sup> Any conditions for participation shall be limited to those that are essential to ensure the firm’s capability to fulfill the contract in question. In the case of ADB and NTF, bidders from non-Member Countries offering goods, works and related services (including transportation and insurance) are not eligible even if they offer these from Eligible Member Countries. Any waiver to this rule will be in accordance with the Articles 17(1) (d) of the Agreement Establishing the African Development Bank and 4.1 of the Agreement Establishing the Nigeria Trust Fund.

B. Rules and Procedures for Procurement of Goods and Works

#### Overview

1. The eligibility criteria for participation in the supply of goods, works and related services, to be procured through the ADB and NTF Financing, derive from the requirements of the Agreement Establishing the African Development Bank, Article 17.1.d, and the Agreement Establishing the Nigeria Trust Fund, Article 4.1. The foregoing requirements basically prescribe two types of eligibility criteria:
  - i) The eligibility of the bidder;
  - ii) The eligibility of the goods, works and related services.

---

<sup>7</sup> Refer to Bank Framework for additional information on Eligibility.

<sup>8</sup> “Eligible Countries” shall mean: (a) in the case of the African Development Bank (ADB) and the Nigeria Trust Fund (NTF), the Member Countries of the ADB; and (b) in the case of the African Development Fund, any country.

## Eligibility of the Bidder Under the ADB & NTF Financing

2. The eligibility of the bidder shall be based on nationality, in accordance with the following rules:
  - (a) Natural Persons: A natural person is eligible if he or she is a national of a Member Country of the ADB. Where a person has more than one nationality, such a person shall be eligible if the nationality indicated in his or her bid is that of a Member Country of ADB.
  - (b) Corporations: A corporation is eligible if it satisfies the following criteria:
    - i) it is incorporated in a country that is a Member of the ADB;
    - ii) it is a national of a country that is a Member of the ADB, as determined by the law of its place of incorporation; and
    - iii) it has its principal place of business in a country that is a Member of the ADB.
  - (c) Joint Ventures and Associations: An unincorporated joint venture, partnership, or association, shall be eligible if more than 50% of the value of its works and/or services is executed by its members satisfying the eligibility requirements for individuals or corporations.

## Eligibility of the Goods, Works and Related Services

3. In order to be eligible, the goods to be procured must have been mined, grown, or produced, in the form in which they are purchased, in an Eligible Member Country.
4. For works contracts, which may include civil works, plant construction, or turnkey contracts, the contractor must satisfy the nationality criteria of eligibility, either as a natural person, or corporation, or joint venture and association. Labour, equipment, and materials needed for carrying out the works contract, shall be supplied from Eligible Member Countries.
5. For contracts, which have been awarded on the basis of Cost, Insurance and Freight (CIF), or Carriage and Insurance Paid (CIP), bidders shall be free to arrange for ocean and other transportation, and the related insurance, from any Eligible Member Country. On the other hand, where goods are shipped on FOB basis, and the Bank has agreed to finance transportation and insurance separately, which are arranged by the purchaser, under a separate contract, the Bank shall be satisfied that the services are supplied from Eligible Member Countries.

## List of Eligible Countries

6. List of Eligible countries can be found in African Development Bank's website:

<https://www.afdb.org/en/about-us/corporate-information/members/>

### Ineligible Countries in reference to ITB 4.8 and ITB 5.1

7. In reference to ITB 4.8 and ITB 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this Bidding process:

Under ITB 4.8(a) and ITB 5.1: *[insert a list of the countries following approval by the Bank to apply the restriction or state "none"]*.

Under ITB 4.8(b) and ITB 5.1: *[insert a list of the countries following approval by the Bank to apply the restriction or state "none"]*



## Section IX - Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

*[The Purchaser shall select insert the appropriate wording using the samples below or other acceptable wording, and delete the text in italics]*

<b>GCC 1.1 (a)</b>	The Financing Institution is African Development Bank (ADB)
<b>GCC 1.1 (b)</b>	The Borrower is Government of the Republic of Cabo Verde
<b>GCC 1.1(o)</b>	The Purchaser's Country is: Republic of Cabo Verde
<b>GCC 1.1(p)</b>	The Purchaser is: Unidade de Gestão de Projetos Especiais – UGPE   Ministério das Finanças
<b>GCC 1.1 (u)</b>	The Project Site(s)/Final Destination(s) shall be the Cabo Verde Technology Park (CVTP), located in Achada Grande Frente, City of Praia, Santiago Island, Cabo Verde.
<b>GCC 4.2 (a)</b>	The meaning of the trade terms shall be as prescribed by Incoterms. If the meaning of any trade term and the rights and obligations of the parties thereunder shall not be as prescribed by Incoterms, they shall be as prescribed by International Chamber of Commerce in Paris
<b>GCC 4.2 (b)</b>	The version edition of Incoterms shall be 2020: DDP
<b>GCC 5.1</b>	The language shall be: English

GCC 6.1	<p>A minor member of the JV having participation in the JV of -----% of the value of the Contract [<i>specify a percentage pursuant to provision made under BDS of ITB 4.1 (a)</i>], is excluded from joint and several liability: Yes -----No-----</p> <p>If "Yes" specify the following:</p> <p>i) Name and Address of the minor member is----- and</p> <p>ii) All other members shall remain jointly and severally liable for the fulfilment of all provisions of the entire Contract</p> <p><i>[Delete, entire text above if no such exception for a minor member was provided under BDS of ITB 4.1 (a)]</i></p>
GCC 6.1	<p>Maximum numbers of members in the Joint Venture, Consortium or Association (JV) shall not exceed <b>2 (Two)</b></p>
GCC 6.1	<p>Minimum share of a member of Joint Venture, Consortium or Association (JV) in the contract shall not be less than-----% percent of the total value of the contract. [<i>Specify a percent number pursuant to BDS of ITB 4.1 (d)</i>]</p>
GCC 8.1	<p>For <b>notices</b>, the Purchaser's address shall be:</p> <p>Attention: Nuno Gomes  Av. Amilcar Cabral, ex-Edifício BCV, 4º Andar  Plateau - Cidade da Praia, Ilha de Santiago  República de Cabo Verde  Tel: + 238 - 261 7584/261-6198  <a href="mailto:nuno.gomes@mf.gov.cv">nuno.gomes@mf.gov.cv</a></p>
GCC 9.1	<p>The governing law shall be the law of: Republic of Cabo Verde</p>
GCC 10.2	<p>The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.2 shall be as follows:</p> <p><i>[The bidding document should contain one clause to be retained in the event of a Contract with a foreign Supplier and one clause to be retained in the event of a Contract with a Supplier who is a national of the Purchaser's Country. At the time of finalizing the Contract, the respective applicable clause should be retained in the Contract. The following explanatory note should therefore be inserted as a header to GCC 10.2 in the bidding document.]</i></p>

*"Clause 10.2 (a) shall be retained in the case of a Contract with a foreign Supplier and clause 10.2 (b) shall be retained in the case of a Contract with a national of the Purchaser's Country."*]

**(a) Contract with foreign Supplier:**

*[For contracts entered into with foreign suppliers, International commercial arbitration may have practical advantages over other dispute settlement methods. The Bank should not be named as arbitrator, nor should it be asked to name an arbitrator. Among the rules to govern the arbitration proceedings, the Purchaser may wish to consider the United Nations Commission on International Trade Law (UNCITRAL) Arbitration Rules of 1976, the Rules of Conciliation and Arbitration of the International Chamber of Commerce (ICC), the Rules of the London Court of International Arbitration or the Rules of Arbitration Institute of the Stockholm Chamber of Commerce.]*

***If the Purchaser chooses the UNCITRAL Arbitration Rules, the following sample clause should be inserted:***

GCC 10.2 (a)—Any dispute, controversy or claim arising out of or relating to this Contract, or breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the UNCITRAL Arbitration Rules as at present in force.

***If the Purchaser chooses the Rules of ICC, the following sample clause should be inserted:***

GCC 10.2 (a)—All disputes arising in connection with the present Contract shall be finally settled under the Rules of Conciliation and Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with said Rules.

***If the Purchaser chooses the Rules of Arbitration Institute of Stockholm Chamber of Commerce, the following sample clause should be inserted:***

GCC 10.2 (a)—Any dispute, controversy or claim arising out of or in connection with this Contract, or the breach termination or invalidity thereof, shall be settled by

	<p>arbitration in accordance with the Rules of the Arbitration Institute of the Stockholm Chamber of Commerce.</p> <p><i>If the Purchaser chooses the Rules of the London Court of International Arbitration, the following clause should be inserted:</i></p> <p>GCC 10.2 (a)—Any dispute arising out of or in connection with this Contract, including any question regarding its existence, validity or termination shall be referred to and finally resolved by arbitration under the Rules of the London Court of International Arbitration, which rules are deemed to be incorporated by reference to this clause.</p> <p><b>(b) <i>Contracts with Supplier national of the Purchaser's Country:</i></b></p> <p>In the case of a dispute between the Purchaser and a Supplier who is a national of the Purchaser's Country, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's Country.</p>
GCC 13.1	<p>Details of Shipping and other Documents to be furnished by the Supplier are <i>[insert the required documents, such as a negotiable bill of lading, a non-negotiable sea way bill, an airway bill, a railway consignment note, a road consignment note, insurance certificate, Manufacturer's or Supplier's warranty certificate, inspection certificate issued by nominated inspection agency, Supplier's factory shipping details etc.]</i>.</p> <p>The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.</p>
GCC 15.1	<p>The prices charged for the Goods supplied and the related Services performed <i>[insert "shall" or "shall not," as appropriate]</i> be adjustable.</p> <p>If prices are adjustable, the following method shall be used to calculate the price adjustment <i>[see attachment to these SCC for a sample Price Adjustment Formula]</i></p>
GCC 16.1	<p><b><i>Sample provision</i></b></p> <p>GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p>

	<p><b>Payment for Goods supplied from abroad:</b></p> <p>Payment of foreign currency portion shall be made in <i>[insert currency of the Contract Price]</i> in the following manner:</p> <ul style="list-style-type: none"><li>(i) <b>Advance Payment:</b> Ten (10) percent of the Contract Price shall be paid within thirty (30) days of signing of the Contract, and upon submission of claim and a bank guarantee for equivalent amount valid until the Goods are delivered and in the form provided in the bidding document or another form acceptable to the Purchaser.</li><li>(ii) <b>On Shipment:</b> Eighty (80) percent of the Contract Price of the Goods shipped shall be paid through irrevocable confirmed letter of credit opened in favor of the Supplier in a bank in its country, upon submission of documents specified in GCC Clause 13.</li><li>(iii) <b>On Acceptance:</b> Ten (10) percent of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of the Goods upon submission of claim supported by the acceptance certificate issued by the Purchaser.</li></ul> <p>Payment of local currency portion shall be made in _____ <i>[currency]</i> within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed.</p> <p><b>Payment for Goods and Services supplied from within the Purchaser's Country:</b></p> <p>Payment for Goods and Services supplied from within the Purchaser's Country shall be made in _____ <i>[currency]</i>, as follows:</p> <ul style="list-style-type: none"><li>(i) <b>Advance Payment:</b> Ten (10) percent of the Contract Price shall be paid within thirty (30) days of signing of the Contract against a simple receipt and a bank guarantee for the equivalent amount and in the form provided in the bidding document or another form acceptable to the Purchaser.</li><li>(ii) <b>On Delivery:</b> Eighty (80) percent of the Contract Price shall be paid on receipt of the Goods and upon submission of the documents specified in GCC Clause 13.</li></ul>
--	---

	(iii) <b>On Acceptance:</b> The remaining ten (10) percent of the Contract Price shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate for the respective delivery issued by the Purchaser.
<b>GCC 16.5</b>	The payment-delay period after which the Purchaser shall pay interest to the supplier shall be <i>[insert number]</i> days.  The interest rate that shall be applied is <i>[insert number]</i> %
<b>GCC 18.1</b>	A Performance Security <i>[ insert "shall" or "shall not" be required]</i>  <i>[If a Performance Security is required, insert "the amount of the Performance Security shall be: [insert amount]</i>  <i>[The amount of the Performance Security is usually expressed as a percentage of the Contract Price. The percentage varies according to the Purchaser's perceived risk and impact of non-performance by the Supplier. A 10% percentage is used under normal circumstances]</i>
<b>GCC 18.3</b>	If required, the Performance Security shall be in the form of: <i>[insert "a Demand Guarantee" or " a Performance Bond"]</i>  If required, the Performance security shall be denominated in <i>[insert "a freely convertible currency acceptable to the Purchaser" or " the currencies of payment of the Contract, in accordance with their portions of the Contract Price"]</i>
<b>GCC 18.4</b>	Discharge of the Performance Security shall take place: <i>[ insert date if different from the one indicated in sub clause GCC 18.4]</i>
<b>GCC 23.2</b>	The packing, marking and documentation within and outside the packages shall be: <i>[insert in detail the type of packing required, the markings in the packing and all documentation required]</i>
<b>GCC 24.1</b>	The insurance coverage shall be as specified in the Incoterms.  If not in accordance with Incoterms, insurance shall be as follows:  <i>[insert specific insurance provisions agreed upon, including coverage, currency and amount]</i>
<b>GCC 25.1</b>	Responsibility for transportation of the Goods shall be as specified in the Incoterms.  If not in accordance with Incoterms, responsibility for transportations shall be as follows: <i>[insert "The Supplier is required under the Contract to transport the Goods to a specified place of final</i>

	<i>destination within the Purchaser's Country, defined as the Project Site, transport to such place of destination in the Purchaser's Country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price"; or any other agreed upon trade terms (specify the respective responsibilities of the Purchaser and the Supplier)]</i>
<b>GCC 25.2</b>	Related services to be provided are:  <i>[Selected services covered under GCC Clause 25.2 and/or other should be specified with the desired features. The price quoted in the Bid price or agreed with the selected Supplier shall be included in the Contract Price.]</i>
<b>GCC 26.1</b>	The inspections and tests shall be: <i>[insert nature, frequency, procedures for carrying out the inspections and tests]</i>
<b>GCC 26.2</b>	The Inspections and tests shall be conducted at: <i>[insert name(s) of location(s)]</i>
<b>GCC 27.1</b>	The liquidated damage shall be: <i>[insert number] % per week [Normally 0.5% per week of delay]</i>
<b>GCC 27.1</b>	The maximum amount of liquidated damages shall be: <i>[insert number]% [Normally 10% of the contract amount]</i>

GCC 28.3	<p>The period of validity of the Warranty shall be: <i>[insert number]</i> days</p> <p>For purposes of the Warranty, the place(s) of final destination(s) shall be:</p> <p><i>[insert name(s) of location(s)]</i></p> <p><b><i>Sample provision</i></b></p> <p>GCC 28.3—In partial modification of the provisions, the warranty period shall be ____ hours of operation or ____ months from date of acceptance of the Goods or (____) months from the date of shipment, whichever occurs earlier. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either:</p> <p>(a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with GCC 26.7,</p> <p><b>or</b></p> <p>(b) pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be (____).</p> <p><i>[The rate should be higher than the adjustment rate used in the Bid evaluation under BDS 35.6(f)]</i></p>
GCC 28.5, GCC 28.6	The period for repair or replacement shall be: <i>[insert number(s)]</i> days.

## Attachment: Price Adjustment Formula

If in accordance with GCC 15.1, prices shall be adjustable, the following method shall be used to calculate the price adjustment:

- 15.1 Prices payable to the Supplier, as stated in the Contract, shall be subject to adjustment during performance of the Contract to reflect changes in the cost of labor and material components in accordance with the formula:

$$P_1 = P_0 \left[ a + \frac{bL_1}{L_0} + \frac{cM_1}{M_0} \right] - P_0$$

$$a+b+c = 1$$

in which:

- $P_1$  = adjustment amount.  
 $P_0$  = Contract Price (base price).  
 $a$  = fixed element representing profits and overheads included in the Contract Price and generally in the range of five (5) to fifteen (15) percent.  
 $b$  = estimated percentage of labor component in the Contract Price.  
 $c$  = estimated percentage of material component in the Contract Price.  
 $L_0, L_1$  = \*labor indices applicable to the appropriate industry in the country of origin on the base date and date for adjustment, respectively.  
 $M_0, M_1$  = \*material indices for the major raw material on the base date and date for adjustment, respectively, in the country of origin.

The Bidder shall indicate the source of the indices, and the source of exchange rate (if applicable) and the base date indices in its Bid.

The coefficients  $a$ ,  $b$ , and  $c$  as specified by the Purchaser are as follows:

$a = [insert\ value\ of\ coefficient]$

$b = [insert\ value\ of\ coefficient]$

$c = [insert\ value\ of\ coefficient]$

Base date = thirty (30) days prior to the deadline for submission of the Bids.

Date of adjustment =  $[insert\ number\ of\ weeks]$  weeks prior to date of shipment (representing the mid-point of the period of manufacture).

The above price adjustment formula shall be invoked by either party subject to the following further conditions:

- (a) No price adjustment shall be allowed beyond the original delivery dates. As a rule, no price adjustment shall be allowed for periods of delay for which the Supplier is entirely responsible. The Purchaser will, however, be entitled to any decrease in the prices of the Goods and Services subject to adjustment.
- (b) If the currency in which the Contract Price  $P_0$  is expressed is different from the currency of origin of the labor and material indices, a correction factor will be applied to avoid incorrect adjustments of the Contract Price. The correction factor shall be:  $Z_0 / Z_1$ , where,  
  
 $Z_0$  = the number of units of currency of the origin of the indices which equal to one unit of the currency of the Contract Price  $P_0$  on the Base date, and  
  
 $Z_1$  = the number of units of currency of the origin of the indices which equal to one unit of the currency of the Contract Price  $P_0$  on the Date of Adjustment.
- (c) No price adjustment shall be payable on the portion of the Contract Price paid to the Supplier as advance payment.

## Section X - Contract Forms

### Table of Forms

Notification of Intention to Award.....	218
Beneficial Ownership Disclosure Form.....	222
Letter of Acceptance .....	225
Contract Agreement.....	226
Performance Security.....	228
Option 2: Performance Bond .....	230
Advance Payment Security.....	232

## Notification of Intention to Award

*[This Notification of Intention to Award shall be sent to each Bidder that submitted a Bid.]*

*[Send this Notification to the Bidder's Authorized Representative named in the Bidder Information Form]*

For the attention of Bidder's Authorized Representative

Name: *[insert Authorized Representative's name]*

Address: *[insert Authorized Representative's Address]*

Telephone/Fax numbers: *[insert Authorized Representative's telephone/fax numbers]*

Email Address: *[insert Authorized Representative's email address]*

*[IMPORTANT: insert the date that this Notification is transmitted to Bidders. The Notification must be sent to all Bidders simultaneously. This means on the same date and as close to the same time as possible.]*

**DATE OF TRANSMISSION:** This Notification is sent by: *[email/fax]* on *[date]* (local time)

## Notification of Intention to Award

**Purchaser:** *[insert the name of the Purchaser]*

**Project:** *[insert name of project]*

**Contract title:** *[insert the name of the contract]*

**Country:** *[insert country where IFB is issued]*

**Loan No. /Credit No. / Grant No.:** *[insert reference number for loan/credit/grant]*

**OCBI / LCB No:** *[insert OCBI reference number from Procurement Plan]*

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period you may:

- a) request a debriefing in relation to the evaluation of your Bid, and/or
- b) submit a Procurement-related Complaint in relation to the decision to award the contract.

### 1. The successful Bidder

<b>Name:</b>	<i>[insert name of successful Bidder]</i>
<b>Address:</b>	<i>[insert address of the successful Bidder]</i>
<b>Contract price:</b>	<i>[insert contract price of the successful Bid]</i>

### 2. Other Bidders *[INSTRUCTIONS: insert names of all Bidders that submitted a Bid. If the Bid's price was evaluated include the evaluated price as well as the Bid price as read out.]*

Name of Bidder	Bid price	Evaluated Bid price (if applicable)
<i>[insert name]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated price]</i>

### 3. Reason/s why your Bid was unsuccessful

*[INSTRUCTIONS: State the reason/s why this Bidder's Bid was unsuccessful. Do NOT include: (a) a point by point comparison with another Bidder's Bid or (b) information that is marked confidential by the Bidder in its Bid.]*

### 4. How to request a debriefing

**DEADLINE:** The deadline to request a debriefing expires at midnight on *[insert date]* (local time).

You may request a debriefing in relation to the results of the evaluation of your Bid. If you decide to request a debriefing your written request must be made within three (3) Business Days of receipt of this Notification of Intention to Award.

Provide the contract name, reference number, name of the Bidder, contact details; and address the request for debriefing as follows:

**Attention:** *[insert full name of person, if applicable]*

**Title/position:** *[insert title/position]*

**Agency:** *[insert name of Purchaser]*

**Email address:** *[insert email address]*

**Fax number:** *[insert fax number] delete if not used*

If your request for a debriefing is received within the 3 Business Days deadline, we will provide the debriefing within five (5) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (5) Business Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of the Contract Award Notice.

## 5. How to make a complaint

**Period:** Procurement-related Complaint challenging the decision to award shall be submitted by midnight, *[insert date]* (local time).

Provide the contract name, reference number, name of the Bidder, contact details; and address the Procurement-related Complaint as follows:

**Attention:** *[insert full name of person, if applicable]*

**Title/position:** *[insert title/position]*

**Agency:** *[insert name of Purchaser]*

**Email address:** *[insert email address]*

**Fax number:** *[insert fax number] delete if not used*

At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

Further information:

For more information see the Bank's Procurement Framework

In summary, there are four essential requirements:

1. You must be an 'interested party'. In this case, that means a Bidder who submitted a Bid in this bidding process, and is the recipient of a Notification of Intention to Award.
2. The complaint can only challenge the decision to award the contract.
3. You must submit the complaint within the period stated above.
4. You must include, in your complaint, all of the information required by the Procurement Framework.

## 6. Standstill Period

**DEADLINE:** The Standstill Period is due to end at midnight on [*insert date*] (local time).

The Standstill Period lasts ten (10) Business Days after the date of transmission of this Notification of Intention to Award.

The Standstill Period may be extended as stated in Section 4 above.

If you have any questions regarding this Notification please do not hesitate to contact us.

On behalf of the Purchaser:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Title/position: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

## Beneficial Ownership Disclosure Form

*INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM*

*This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful Bidder. In case of joint venture, the Bidder must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.*

*For the purposes of this Form, a Beneficial Owner of a Bidder is any natural person who ultimately owns or controls the Bidder by meeting one or more of the following conditions:*

- *directly or indirectly holding 25% or more of the shares*
- *directly or indirectly holding 25% or more of the voting rights*
- *directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder*

**OCBI / LCB No.:** *[insert number of bidding process.]*

**Invitation for Bid No.:** *[insert identification]*

**To:** *[insert complete name of Purchaser]*

In response to your request in the Letter of Acceptance *dated [insert date of letter of Acceptance]* to furnish additional information on beneficial ownership: *[select one option as applicable and delete the options that are not applicable]*

(i) we hereby provide the following beneficial ownership information.

### Details of beneficial ownership

Identity of Beneficial Owner	Directly or indirectly holding 25% or more of the shares (Yes / No)	Directly or indirectly holding 25 % or more of the Voting Rights (Yes / No)	Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent

			governing body of the Bidder (Yes / No)
<i>[include full name (last, middle, first), nationality, country of residence]</i>			

**OR**

(ii) *We declare that there is no Beneficial Owner meeting one or more of the following conditions:*

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder

**OR**

(iii) *We declare that we are unable to identify any Beneficial Owner meeting one or more of the following conditions. [If this option is selected, the Bidder shall provide explanation on why it is unable to identify any Beneficial Owner]*

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder]"

**Name of the Bidder:** \**[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\**[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* day of *[insert month]*, *[insert year]*

- \* In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder. In the event that the Bidder is a joint venture, each reference to "Bidder" in the Beneficial Ownership Disclosure Form (including this Introduction thereto) shall be read to refer to the joint venture member.
- \*\* Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

# Letter of Acceptance

*[use letterhead paper of the Purchaser]*

*[date]*

To: *[name and address of the Supplier]*

Subject: **Notification of Award Contract No.** . . . . .

This is to notify you that your Bid dated *[insert date]* for execution of the *[insert name of the contract and identification number, as given in the SCC]* for the Accepted Contract Amount of *[insert amount in numbers and words and name of currency]*, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are requested to furnish (i) the Performance Security within 28 days in accordance with the Conditions of Contract, using for that purpose one of the Performance Security Forms and (ii) the additional information on beneficial ownership in accordance with BDS ITB 45.1 within eight (8) Business days using the Beneficial Ownership Disclosure Form, included in Section X, - Contract Forms, of the Bidding Document.

Authorized Signature:

\_\_\_\_\_

Name and Title of Signatory:

\_\_\_\_\_

Name of Agency:

\_\_\_\_\_

**Attachment: Contract Agreement**

## Contract Agreement

*[The successful Bidder shall fill in this form in accordance with the instructions indicated]*

THIS AGREEMENT made the *[insert: number]* day of *[insert: month]*, *[insert: year]*.

### BETWEEN

- (1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of {insert name of Country of Purchaser}, or corporation incorporated under the laws of {insert name of Country of Purchaser}]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), of the one part, and
- (2) *[insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier"), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services

The Purchaser and the Supplier agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
  - (a) the Letter of Acceptance
  - (b) the Letter of Bid
  - (c) the Addenda Nos.\_\_\_\_ (if any)
  - (d) Special Conditions of Contract
  - (e) General Conditions of Contract
  - (f) the Specification (including Schedule of Requirements and Technical Specifications)
  - (g) the drawings

- (h) the completed Schedules (including Price Schedules)
  - (i) any other document listed in GCC as forming part of the Contract
3. In consideration of the payments to be made by the Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]* \_\_\_\_\_  
in the capacity of *[insert title or other appropriate designation]*  
In the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]* \_\_\_\_\_  
in the capacity of *[insert title or other appropriate designation]*  
in the presence of *[insert identification of official witness]*

# Performance Security

## Option 1: (Bank Guarantee)

*[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]*

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[insert name and Address of Purchaser]*

**Date:** *[Insert date of issue]*

**PERFORMANCE GUARANTEE No.:** *[Insert guarantee reference number]*

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that \_ *[insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the supply of \_ *[insert name of contract and brief description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant to issue this guarantee, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* (\_\_\_\_\_) *[insert amount in words]*,<sup>1</sup> such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the .... Day of ....., 2...<sup>2</sup>, and any demand for payment under it must be received by us at this office indicated above on or before that date.

---

<sup>1</sup> The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, and denominated either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Beneficiary.

<sup>2</sup> Insert the date twenty-eight days after the expected completion date as described in GC Clause 18.4. The Purchaser should note that in the event of an extension of this date for completion of the Contract, the Purchaser would need

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

---

*[signature(s)]*

***Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.***

---

to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Purchaser might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

## Option 2: Performance Bond

By this Bond *[insert name of Principal]* as Principal (hereinafter called "the Supplier") and *[insert name of Surety]* as Surety (hereinafter called "the Surety"), are held and firmly bound unto *[insert name of Purchaser]* as Obligee (hereinafter called "the Purchaser") in the amount of *[insert amount in words and figures]* specified as the *penal sum of this Bond*, for the payment of which sum well and truly to be made in the types and proportions of currencies in which the Contract Price is payable, the Supplier and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Supplier has entered into a written Agreement with the Purchaser dated the \_\_ day of \_\_\_\_\_, 20 \_\_, for *[name of contract and brief description of Goods and related Services]* in accordance with the documents, plans, specifications, and amendments thereto, which to the extent herein provided for, are by reference made part hereof and are hereinafter referred to as the Contract.

NOW, THEREFORE, the Condition of this Obligation is such that, if the Supplier shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise, it shall remain in full force and effect. Whenever the Supplier shall be, and declared by the Purchaser to be, in default under the Contract, the Purchaser having performed the Purchaser's obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

- (1) complete the Contract in accordance with its terms and conditions; or
- (2) obtain a Bid or Bids from qualified Bidders for submission to the Purchaser for completing the Contract in accordance with its terms and conditions, and upon determination by the Purchaser and the Surety of the lowest responsive Bidder, arrange for a Contract between such Bidder and Purchaser and make available as supply progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the Balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the specified penal sum set forth in the first paragraph hereof. The term "Balance of the Contract Price," as used in this paragraph, shall mean the total amount payable by

Purchaser to Supplier under the Contract, less the amount properly paid by Purchaser to the Supplier; or

- (3) pay the Purchaser the amount required by Purchaser to complete the Contract in accordance with its terms and conditions up to a total not exceeding the specified penal sum of this Bond.

The Surety shall not be liable for a greater sum than the specified penal sum of this Bond.

Any suit under this Bond must be instituted before the expiration of one year from the date of completion of the contract.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Purchaser named herein or the heirs, executors, administrators, successors, and assigns of the Purchaser.

In testimony whereof, the Supplier has hereunto set his hand and affixed his seal, and the Surety has caused these presents to be sealed with his corporate seal duly attested by the signature of his legal representative, this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_.

SIGNED ON \_\_\_\_\_ on behalf of \_\_\_\_\_

By \_\_\_\_\_ in the capacity of \_\_\_\_\_

In the presence of \_\_\_\_\_

SIGNED ON \_\_\_\_\_ on behalf of \_\_\_\_\_

By \_\_\_\_\_ in the capacity of \_\_\_\_\_

In the presence of \_\_\_\_\_

## Advance Payment Security

### Demand Guarantee

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[Insert name and Address of Purchaser]*

**Date:** *[Insert date of issue]*

**ADVANCE PAYMENT GUARANTEE No.:** *[Insert guarantee reference number]*

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that *[insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the execution of *[insert name of contract and brief description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum *[insert amount in figures]* () *[insert amount in words]* is to be made against an advance payment guarantee.

At the request of the Applicant to issue this guarantee, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* (\_\_\_\_) *[insert amount in words]*<sup>1</sup> upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:

- (d) has used the advance payment for purposes other than toward delivery of Goods; or
- (e) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

---

<sup>1</sup> The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Purchaser.

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Applicant on its account number *[insert number]* at *[insert name and address of Applicant's bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Applicant as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, has been certified for payment, or on the *[insert day]* day of *[insert month]*, 2 *[insert year]*, whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No.758, except that the supporting statement under Article 15(a) is hereby excluded.

---

*[signature(s)]*

***Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.***