



**SUPPLY AND DELIVERY OF SUPPLY AND DELIVERY OF
ASSORTED ICT AND COMMUNICATION EQUIPMENT TO THE
COUNTY GOVERNMENT OF NYANDARUA [FRAME WORK
AGREEMENT - TWO YEARS]**

(RESERVED FOR WOMEN, YOUTH & PWDs)

TENDER NO: NYA/CG/FRA/08/2026-2028

**COUNTY GOVERNMENT OF NYANDARUA
P.O. BOX 701-20303
OL KALOU.**

**Email: scms@nyandarua.go.ke
Website – www.nyandarua.go.ke**

JULY 2026

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INVITATION TO TENDER

PROCURING ENTITY: COUNTY GOVERNMENT OF NYANDARUA

CONTRACT NAME AND DESCRIPTION: SUPPLY AND DELIVERY OF ASSORTED ICT AND COMMUNICATION EQUIPMENT TO THE COUNTY GOVERNMENT OF NYANDARUA [FRAME WORK AGREEMENT - TWO YEARS]

1. The County **Government of Nyandarua** invites sealed tenders for the **Supply and delivery of assorted communication equipment under a two (2) year framework agreement (renewable for one (1) more year subject to satisfactory performance)**.
2. Tendering will be conducted under **Open National Tender** method using a standardized tender document. Tendering is open to Small and Medium Enterprises registered appropriately with the National Treasury under **Access for Government Opportunities (AGPO)**.
3. The County Government of Nyandarua will engage the firms either through mini-competition or call-offs under the Framework Agreement as required.
4. There is no guarantee of being awarded a call-off contract, and no commitment will be made with regard to possible volume of Goods.
5. The County Government of Nyandarua shall use purchase order as a contractual method to secure the call off and mini-competition contracts.
6. Qualified and interested tenderers may obtain further information and inspect the Tender Documents during office hours **[0800 to 1700 hours]** at the address given below. More details on the Goods are provided in **PART 2 - Supply Requirements** of the Tender Document.
7. Tender documents may be viewed and downloaded from the Website(s) www.nyandarua.go.ke and/or the Public Procurement and Information Portal (PPIP) www.tenders.go.ke free of charge. Tenderers who download the tender document may forward their particulars to scms@nyandarua.go.ke to facilitate any further clarification or addendum.
8. All Tenders must be accompanied by a **Tender-Securing Declaration** in the format provided under **Section IV - Tendering Forms**.
9. The Tenderer shall chronologically serialize all pages of the tender documents submitted.
10. Completed tenders must be delivered to the address below on or before **14th August, 2026** at **11:00am**. Tenders will be opened immediately after the deadline date and time specified above or any deadline date and time specified later. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend at the address below. Late tenders will be rejected.
8. The addresses referred to above are:
 - A. **Address for obtaining further information and for purchasing tender documents**
County Government of Nyandarua
Supply Chain Management Offices
County Government Headquarters
P.O. BOX 701-20303
OI Kalou
Email: scms@nyandarua.go.ke

B. Address for Submission of Tenders.

*Chief Officer – Finance & Economic Planning
County Government of Nyandarua
County Government Headquarters
P.O. BOX 701-20303
Ol Kalou*

C. Address for Opening of Tenders.

County Government of Nyandarua Headquarters

Reception situated at the entrance of the County Government Headquarters offices next to the tender box.

**HEAD OF PROCUREMENT
COUNTY GOVERNMENT OF NYANDARUA
P.O. BOX 701-20303 OL KALOU.**

PART I - TENDERING PROCEDURES

SECTION I: INSTRUCTIONS TO TENDERERS

A General Provisions

1. Scope of Tender

- 1.1 The Procuring Entity as defined in the **TDS** invites tenders for supply of goods and, if applicable, any Related Services incidental thereto, as specified in Section V, Supply Requirements. The name, identification, and number of lots (contracts) of this Tender Document are specified in the **TDS**.
- 1.2 Throughout this tendering document:
- a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, including if specified in the **TDS**, distributed or received through the electronic-procurement system used by the Procuring Entity) with proof of receipt;
 - b) if the context so requires, “singular” means “plural” and vice versa;
 - 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 Procuring Entity. It excludes official public holidays.

2. Fraud and Corruption

- 2.1 The Procuring Entity requires compliance with the provisions of the Public Procurement and Asset Disposal Act, 2015, Section 62 “Declaration not to engage in corruption”. The tender submitted by a person shall include a declaration that the person shall not engage in any corrupt or fraudulent practice and a declaration that the person or his or her sub-contractors are not debarred from participating in public procurement proceedings.
- 2.2 The Procuring Entity requires compliance with the provisions of the Competition Act 2010, regarding collusive practices in contracting. Any tenderer found to have engaged in collusive conduct shall be disqualified and criminal and/or civil sanctions may be imposed. To this effect, Tenders shall be required to complete and sign the “Certificate of Independent Tender Determination” annexed to the Form of Tender.
- 2.3 Unfair Competitive Advantage - Fairness and transparency in the tender process require that the firms or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to this tender. To that end, the Procuring Entity shall indicate in the **Data Sheet** and make available to all the firms together with this tender document all information that would in that respect give such firm any unfair competitive advantage over competing firms.

3. Eligible Tenderers

- 3.1 A Tenderer may be a firm that is a private entity, an individual, a state-owned enterprise or institution subject to ITT3.7, or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. Public employees and their close relatives (*spouses, children, brothers, sisters and uncles and aunts*) are not eligible to participate in the tender.

In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate 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 Tendering process and, in the event the JV is awarded the Contract, during contract execution. The maximum number of JV members shall be specified in the **TDS**.

- 3.2 Public Officers of the Procuring Entity, their Spouses, Child, Parent, Brothers or Sister. Child, Parent, Brother or Sister of a Spouse their business associates or agents and firms/organizations in which they have a substantial or controlling interest shall not be eligible to tender or be awarded a contract. Public Officers are also not allowed to participate in any procurement proceedings.
- 3.3 A Tenderer shall not have a conflict of interest. Any Tenderer found to have a conflict of interest shall be disqualified. A Tenderer may be considered to have a conflict of interest for the purpose of this Tendering process, if the Tenderer:

- a) directly or indirectly controls, is controlled by or is under common control with another Tenderer; or
 - b) receives or has received any direct or indirect subsidy from another Tenderer; or
 - c) has the same - representative or ownership as another Tenderer; or
 - d) has a relationship with another Tenderer, directly or through common third parties, that puts it in a position to influence the Tender of another Tenderer, or influence the decisions of the Procuring Entity regarding this Tendering process; or
 - e) or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods that are the subject of the Tender; or
 - f) or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity or Procuring Entity 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 **TDS** ITT I.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 has a close business or family relationship with a professional staff of the Procuring Entity (or of the project implementing agency, who: (i) are directly or indirectly involved in the preparation of the tendering document or specifications of the Contract, and/or the Tender 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 Procuring Entity throughout the Tendering process and execution of the Contract.
- 34 A tenderer shall not be involved in corrupt, coercive, obstructive, collusive or fraudulent practice. A tenderer that is proven to have been involved in any of these practices shall be automatically disqualified.
- 35 A firm that is a Tenderer (either individually or as a JV member) shall not submit more than one Tender, except for permitted alternative Tenders. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Tenders in which the firm is involved. A firm that is not a Tenderer or a JV member, may participate as a subcontractor in more than one Tender. Members of a joint venture may not also make an individual tender, be a subcontractor in a separate tender or be part of another joint venture for the purposes of the same Tender.
- 36 A Tenderer may have the nationality of any country, subject to the restrictions pursuant to ITT3.9. A Tenderer shall be deemed to have the nationality of a country if the Tenderer 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 sub consultants for any part of the Contract including related Services.
- 37 A Tenderer that has been debarred by the PPRA from participating in public procurement shall be ineligible to tender or be awarded a contract. The list of debarred firms and individuals is available from the PPRA's website www.ppra.go.ke
- 38 Tenderers that are state-owned enterprises or institutions may be eligible to compete and be awarded a Contract(s) only if they are (i) a legal public entity of the state Government and/or public administration, (ii) financially autonomous and not receiving any significant subsidies or budget support from any public entity or Government, and (iii) operating under commercial law and vested with legal rights and liabilities similar to any commercial enterprise to enable it compete with firms in the private sector on an equal basis. Public employees and their close relatives are not eligible to participate in the tender.
- 39 Tenderers may be ineligible if their countries of origin (a) as a matter of law or official regulations, Kenya prohibits commercial relations with that country, 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, Kenya prohibits any import of goods or contracting for supply of goods or services from that country, or any payments to any country, person, or entity in that country. A tenderer shall provide such documentary evidence of eligibility satisfactory to the Procuring Entity, as the Procuring Entity shall reasonably request.
- 3.10 Tenderers shall provide the qualification information statement that the tenderer (including all members of a joint venture and subcontractors) is not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring entity to provide consulting services for the preparation of the design, specifications, and

other documents to be used for the procurement of the goods under this Invitation for tenders.

- 3.11 Where the law requires tenderers to be registered with certain authorities in Kenya, such registration requirements shall be defined in the **TDS**
- 3.12 The Competition Act of Kenya requires that firms wishing to tender as Joint Venture undertakings which may prevent, distort or lessen competition in provision of services are prohibited unless they are exempt in accordance with the provisions of Section 25 of the Competition Act, 2010. JVs will be required to seek for exemption from the Competition Authority. Exemption shall not be a condition for tender, but it shall be a condition of contract award and signature. A JV tenderer shall be given opportunity to seek such exemption as a condition of award and signature of contract. Application for exemption from the Competition Authority of Kenya may be accessed from the website www.cak.go.ke.
- 3.13 A Kenyan tenderer shall provide evidence of having fulfilled his/her tax obligations by producing a current tax clearance certificate or tax exemption certificate issued by the Kenya Revenue Authority.

4. Eligible Goods and Related Services

- 4.1 All the Goods and Related Services to be supplied under the Contract shall have their origin in any country that is eligible in accordance with ITT 3.9.
- 4.2 For purposes of this ITT, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” include services such as insurance, installation, training, and initial maintenance.
- 4.3 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.
- 4.4 A procuring entity shall ensure that the items listed below shall be sourced from Kenya and there shall be no substitutions from foreign sources. The affected items are:
- a) motor vehicles, plant and equipment which are assembled in Kenya;
 - b) furniture, textile, foodstuffs, oil and gas, information communication technology, steel, cement, leather, agro-processed products, sanitary products, and other goods made in Kenya; or
 - c) goods manufactured, mined, extracted or grown in Kenya.
- 4.5 Any goods, works and production processes with characteristics that have been declared by the relevant national environmental protection agency or by other competent authority as harmful to human beings and to the environment shall not be eligible for procurement.

5. Sections of Tendering Document

- 5.1 The tendering 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 ITT8.

PART 1: Tendering Procedures

- i) Section I - Instructions to Tenderers (ITT)
- ii) Section II - Tendering Data Sheet (TDS)
- iii) Section III - Evaluation and Qualification Criteria
- iv) Section IV - Tendering Forms

PART 2: Supply Requirements

- v) Section V - Schedule of Requirements

PART 3: Contract

- vi) Section VI - General Conditions of Contract (GCC)
- vii) Section VII - Special Conditions of Contract (SCC)
- viii) Section VIII- Contract Forms

- 52 The notice of Invitation to Tender or the notice to the prequalified Tenderers issued by the Procuring Entity is not part of the tendering document.
- 53 Unless obtained directly from the Procuring Entity, the Procuring Entity is not responsible for the completeness of the document, responses to requests for clarification, the minutes of the pre-tender meeting (if any), or addenda to the tendering document in accordance with ITT7.
- 54 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tendering document and to furnish with its Tender all information or documentation as is required by the tendering document.

6 Clarification of Tendering Document

- 61 A Tenderer requiring any clarification of the Tender Document shall contact the Procuring Entity in writing at the Procuring Entity's address specified in the **TDS** or raise its enquiries during the pre-Tender meeting if provided for in accordance with ITT 6.4. The Procuring Entity will respond in writing to any request for clarification, provided that such request is received no later than the period specified in the **TDS** prior to the deadline for submission of tenders. The Procuring Entity shall forward copies of its response to all tenderers who have acquired the Tender documents in accordance with ITT 5.3, including a description of the inquiry but without identifying its source. If so specified in the **TDS**, the Procuring Entity shall also promptly publish its response at the web page identified in the **TDS**. Should the clarification result in changes to the essential elements of the Tender Documents, the Procuring Entity shall amend the Tender Documents following the procedure under ITT 7.
- 62 The Procuring Entity shall specify in the **TDS** if a pre-tender conference will be held, when and where. The Tenderer's designated representative is invited to attend a pre-Tender meeting. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- 63 The Tenderer is requested to submit any questions in writing, to reach the Procuring Entity not later than the period specified in the **TDS** before the meeting.
- 64 Minutes of the pre-Tender meeting, if applicable, including the text of the questions asked by Tenderers and the responses given, together with any responses prepared after the meeting, will be transmitted promptly to all Tenderers who have acquired the Tender Documents in accordance with ITT 6.3. Minutes shall not identify the source of the questions asked.
- 65 The Procuring Entity shall also promptly publish anonymized (*no names*) Minutes of the pre-Tender meeting at the web page identified in the **TDS**. Any modification to the Tender Documents that may become necessary as a result of the pre-Tender meeting shall be made by the Procuring Entity exclusively through the issue of an Addendum pursuant to ITT 7 and not through the minutes of the pre-Tender meeting. Nonattendance at the pre-Tender meeting will not be a cause for disqualification of a Tenderer.

7 Amendment of Tendering Document

- 71 At any time prior to the deadline for submission of Tenders, the Procuring Entity may amend the tendering document by issuing addenda.
- 72 Any addendum issued shall be part of the tendering document and shall be communicated in writing to all who have obtained the tender document from the Procuring Entity in accordance with ITT 6.3. The Procuring Entity shall also promptly publish the addendum on the Procuring Entity's web page in accordance with ITT 7.1.
- 73 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their Tenders, the Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders, pursuant to ITT 21.2.

C. Preparation of Tenders

8 Cost of Tendering

- 81 The Tenderer shall bear all costs associated with the preparation and submission of its Tender, and the Procuring Entity shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.

9. Language of Tender

- 91 The Tender, as well as all correspondence and documents relating to the Tender exchanged by the Tenderer and the Procuring Entity, shall be written in English Language. Supporting documents and printed literature that are part of the Tender may be in another language provided they are accompanied by an accurate translation of the relevant passages into the English Language, in which case, for purposes of interpretation of the Tender, such translation shall govern.

10. Documents Comprising the Tender

- 101 The Tender shall comprise the following:
- a) Form of Tender prepared in accordance with ITT11;
 - b) Price Schedules: completed in accordance with ITT 11 and ITT 13;
 - c) Tender Security or Tender-Securing Declaration, in accordance with ITT 18.1;
 - d) Alternative Tender: if permissible, in accordance with ITT12;
 - e) Authorization: written confirmation authorizing the signatory of the Tender to commit the Tenderer, in accordance with ITT19.3;
 - f) Qualifications: documentary evidence in accordance with ITT 16.2 establishing the Tenderer qualifications to perform the Contract if its Tender is accepted;
 - g) Tenderer Eligibility: documentary evidence in accordance with ITT16.1 establishing the Tenderer eligibility to tender;
 - h) Eligibility of Goods and Related Services: documentary evidence in accordance with ITT 15, establishing the eligibility of the Goods and Related Services to be supplied by the Tenderer;
 - i) Conformity: documentary evidence in accordance with ITT15.2 that the Goods and Related Services conform to the tender document; and
 - j) any other document required in the **TDS**.
- 102 In addition to the requirements under ITT 10.1, Tenders 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 Tender shall be signed by all members and submitted with the Tender, together with a copy of the proposed Agreement.
- 103 The Tenderer shall furnish in the Form of Tender information on commissions gratuities, and fees, if any, paid or to be paid to agents or any other party relating to this Tender.

11. Form of Tender and Price Schedules

- 11.1 The Form of Tender and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Tendering Forms. The forms must be completed without any alterations to the text. All blank spaces shall be filled in with the information requested. The Tenderer shall chronologically serialise pages of all tender documents submitted.

12. Alternative Tenders

- 121 Unless otherwise specified in the **TDS**, alternative Tenders shall not be considered.

13. Tender Prices and discounts

- 13.1 The prices quoted by the Tenderer in the Form of Tender and in the Price, Schedules shall conform to the requirements specified below.
- 132 All lots (contracts) and items must be listed and priced separately in the Price Schedules.

- 133 The price to be quoted in the Form of Tender in accordance with ITT10.1 shall be the total price of the Tender, including any discounts offered.
- 134 The Tenderer shall quote any discounts and indicate the methodology for their application in the form of tender. Conditional discounts will be rejected.
- 135 Prices quoted by the Tenderer shall be fixed during the performance of the Contract and not subject to variation on any account, unless otherwise specified **in the TDS**. A Tender submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected, pursuant to ITT 28. However, if in accordance with **the TDS**, prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract, a Tender submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.
- 136 If specified in ITT 1.1, Tenders are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise specified **in the TDS**, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Tenderers wishing to offer discounts for the award of more than one Contract shall specify in their Tender the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITT 13.4 provided the Tenders for all lots (contracts) are opened at the same time.
- 137 The terms EXW, CIP, CIF, DDP and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce.
- 138 Prices shall be quoted as specified in each Price Schedule included in Section IV, Tendering Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of Tenders by the Procuring Entity. This shall not in any way limit the Procuring Entity's right to contract on any of the terms offered. In quoting prices, the Tenderer shall be free to use transportation through carriers registered in any eligible country. Similarly, the Tenderer may obtain insurance services from any eligible country in accordance with ITT 3.6, Eligible Tenders. Prices shall be entered in the following manner:
- a) For Goods manufactured in Kenya:
 - i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the- shelf, as applicable) final destination point indicated in the **TDS**, 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 sales tax and other taxes which will be payable in Kenya on the Goods if the Contract is awarded to the Tenderer; and
 - iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination specified **in the TDS**.
 - b) For Goods manufactured outside Kenya, to be imported:
 - i) the price of the Goods, quoted CIP named place of destination, in Kenya, as specified **in the TDS**;
 - 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 specified **in the TDS**;
 - c) For Goods manufactured outside Kenya, 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) any sales and other taxes levied in Kenya which will be payable on the Goods if the Contract is awarded to the Tenderer; and
 - iv) 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 **TDS**.

- 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).

14. Currencies of Tender and Payment

- 141 The currency (ies) of the Tender, the currency (ies) of award and the currency (ies) of contract payments shall be the same.
- 142 The Tenderer shall quote in Kenya shillings. If allowed in the **TDS**, the Tenderer may express the Tender price in any currency, provided it shall use no more than two foreign currencies in addition to the Kenya Shilling.
- 143 The rates of exchange to be used by the Tenderer shall be based on the exchange rates provided by the Central Bank of Kenya on the date 30 days prior to the actual date of tender opening.

15. Documents Establishing the Eligibility and Conformity of the Goods and Related Services

- 15.1 To establish the eligibility of the Goods and Related Services in accordance with ITT 15, Tenderers shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Tendering Forms.
- 152 To establish the conformity of the Goods and Related Services to the tendering document, the Tenderer shall furnish as part of its Tender the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.
- 153 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.
- 154 The Tenderer 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 TDS** following commencement of the use of the goods by the Procuring Entity.
- 155 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Procuring Entity in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Tenderer may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Procuring Entity's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

16. Documents Establishing the Eligibility and Qualifications of the Tenderer

- 16.1 To establish Tenderer eligibility in accordance with ITT 4, Tenderers shall complete the Form of Tender, included in Section IV, Tendering Forms.
- 162 The documentary evidence of the Tenderer qualifications to perform the Contract if its Tender is accepted shall establish to the Procuring Entity's satisfaction:
 - a) that, if required **in the TDS**, a Tenderer 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, Tendering Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Kenya;
 - b) that, if required **in the TDS**, in case of a Tenderer not doing business within the Kenya, the Tenderer 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 Tenderer meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.

17. Period of Validity of Tenders

- 17.1 Tenders shall remain valid for the Tender Validity period specified **in the TDS**. The Tender Validity period starts from the date fixed for the Tender submission deadline (as prescribed by the Procuring Entity in accordance with ITT 21.1). A Tender valid for a shorter period shall be rejected by the Procuring Entity as non-responsive.

172 In exceptional circumstances, prior to the expiration of the Tender validity period, the Procuring Entity may request Tenderers to extend the period of validity of their Tenders. The request and the responses shall be made in writing. If a Tender Security is requested in accordance with ITT 18, it shall also be extended for a corresponding period. A Tenderer may refuse the request without forfeiting its Tender Security. A Tenderer granting the request shall not be required or permitted to modify its Tender, except as provided in ITT 17.3.

173 If the award is delayed by a period exceeding the number of days to be specified in the **TDS** days beyond the expiry of the initial tender validity period, the Contract price shall be determined as follows:

- a) in the case of **fixed price** contracts, the Contract price shall be the tender price adjusted by the factor specified **in the TDS**;
- b) in the case of **adjustable price** contracts, no adjustment shall be made; or in any case, tender evaluation shall be based on the tender price without taking into consideration the applicable correction from those indicated above.

18. Tender Security

181 The Tenderer shall furnish as part of its Tender, either a Tender-Securing Declaration or a Tender Security, as specified **in the TDS**, in original form and, in the case of a Tender Security, in the amount and currency specified **in the TDS**.

182 A Tender Securing Declaration shall use the form included in Section IV, Tendering Forms.

183 If a Tender Security is specified pursuant to ITT 18.1, the Tender Security shall be a demand guarantee in any of the following forms at the Tenderer option:

- i) cash;
- ii) a bank guarantee;
- iii) a guarantee by an insurance company registered and licensed by the Insurance Regulatory Authority listed by the Authority; or
- iv) a letter of credit; or
- v) guarantee by a deposit taking micro-finance institution, Sacco society, the Youth Enterprise Development Fund or the Women Enterprise Fund.

184 If an unconditional guarantee is issued by a non-Bank financial institution located outside Kenya, the issuing non-Bank financial institution shall have a correspondent financial institution located in Kenya to make it enforceable unless the Procuring Entity has agreed in writing, prior to Tender submission, that a correspondent financial institution is not required. In the case of a bank guarantee, the Tender Security shall be submitted either using the Tender Security Form included in Section IV, Tendering Forms, or in another substantially similar format approved by the Procuring Entity prior to Tender submission. The Tender Security shall be valid for thirty (30) days beyond the original validity period of the Tender, or beyond any period of extension if requested under ITT 17.2.

185 If a Tender Security is specified pursuant to ITT 18.1, any Tender not accompanied by a substantially responsive Tender Security shall be rejected by the Procuring Entity as non-responsive.

186 If a Tender Security is specified pursuant to ITT 18.1, the Tender Security of unsuccessful Tenderers shall be returned as promptly as possible upon the successful Tenderer signing the Contract and furnishing the Performance Security pursuant to ITT 46. The Procuring Entity shall also promptly return the tender security to the tenderers where the procurement proceedings are terminated, all tenders were determined non-responsive or a bidder declines to extend tender validity period.

187 The Tender Security of the successful Tenderer shall be returned as promptly as possible once the successful Tenderer has signed the Contract and furnished the required Performance Security.

188 The Tender Security may be forfeited or the Tender Securing Declaration executed:

- a) if a Tenderer withdraws its Tender during the period of Tender validity specified by the Tenderer in the Form of Tender, or any extension thereto provided by the Tenderer; or
- b) if the successful Tenderer fails to:
 - i) sign the Contract in accordance with ITT 45; or
 - ii) furnish a Performance Security in accordance with ITT 46.

189 Where tender securing declaration is executed, the Procuring Entity shall recommend to the PPRA

that PPRA debars the Tenderer from participating in public procurement as provided in the law.

- 18.10 The Tender Security or Tender- Securing Declaration of a JV must be in the name of the JV that submits the Tender. If the JV has not been legally constituted into a legally enforceable JV at the time of Tendering, the Tender Security or Tender-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITT3.1 and ITT 10.2.
- 18.11 A tenderer shall not issue a tender security to guarantee itself.

19. Format and Signing of Tender

- 19.1 The Tenderer shall prepare one original of the documents comprising the Tender as described in ITT 11 and clearly mark it "ORIGINAL." Alternative Tenders, if permitted in accordance with ITT 12, shall be clearly marked "ALTERNATIVE." In addition, the Tenderer shall submit copies of the Tender, in the number **specified in the TDS** and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.
- 19.2 Tenderers shall mark as "CONFIDENTIAL" information in their Tenders which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.
- 19.3 The original and all copies of the Tender shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Tenderer. This authorization shall consist of a written confirmation **as specified in the TDS** and shall be attached to the Tender. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Tender where entries or amendments have been made shall be signed or initialed by the person signing the Tender.
- 19.4 In case the Tenderer is a JV, the Tender 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 each members' legally authorized representatives.
- 19.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Tender.

D. Submission and Opening of Tenders

20 Sealing and Marking of Tenders

- 20.1 Depending on the sizes or quantities or weight of the tender documents, a tenderer may use an envelope, package or container. The Tenderer shall deliver the Tender in a single sealed envelope, or in a single sealed package, or in a single sealed container bearing the name and Reference number of the Tender, addressed to the Procuring Entity and a warning not to open before the time and date for Tender opening date. Within the single envelope, package or container, the Tenderer shall place the following separate, sealed envelopes:
- a) in an envelope or package or container marked "ORIGINAL", all documents comprising the Tender, as described in ITT 11; and
 - b) in an envelope or package or container marked "COPIES", all required copies of the Tender; and
 - c) if alternative Tenders are permitted in accordance with ITT 12, and if relevant:
 - i) in an envelope or package or container marked "ORIGINAL –ALTERNATIVE TENDER", the alternative Tender; and
 - ii) in the envelope or package or container marked "COPIES- ALTERNATIVE TENDER", all required copies of the alternative Tender.
- 20.2 The inner envelopes or packages or containers shall:
- a) bear the name and address of the Procuring Entity.
 - b) bear the name and address of the Tenderer; and
 - c) bear the name and Reference number of the Tender.
- 20.3 Where a tender package or container cannot fit in the tender box, the procuring entity shall:
- a) Specify in the **TDS** where such documents should be received.
 - b) maintain a record of tenders received and issue acknowledgement receipt note to each tenderer specifying time and date of receipt.
 - c) Ensure all tenders received are handed over to the tender opening committee for opening at the specified opening place and time.

- 204 If an envelope or package or container is not sealed and marked as required, the *Procuring Entity* will assume no responsibility for the misplacement or premature opening of the Tender. Tenders misplaced or opened prematurely will not be accepted.

21. **Deadline for Submission of Tenders**

- 21.1 Tenders must be received by the Procuring Entity at the address and no later than the date and time specified **in the TDS**. When so specified **in the TDS**, Tenderers shall have the option of submitting their Tenders electronically. Tenderers submitting Tenders electronically shall follow the electronic Tender submission procedures **specified in the TDS**.
- 21.2 The Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders by amending the tendering document in accordance with ITT7, in which case all rights and obligations of the Procuring Entity and Tenderers previously subject to the deadline shall thereafter be subject to the deadline as extended.

22. **Late Tenders**

- 22.1 The Procuring Entity shall not consider any Tender that arrives after the deadline for submission of Tenders. Any Tender received by the Procuring Entity after the deadline for submission of Tenders shall be declared late, rejected, and returned unopened to the Tenderer.

23. **Withdrawal, Substitution, and Modification of Tenders**

- 23.1 A Tenderer may withdraw, substitute, or modify its Tender 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 ITT19.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Tender must accompany the respective written notice. All notices must be:
- a) prepared and submitted in accordance with ITT 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 Procuring Entity prior to the deadline prescribed for submission of Tenders, in accordance with ITT 22.
- 23.3 Tenders requested to be withdrawn in accordance with ITT 23.1 shall be returned unopened to the Tenderers.
- 23.4 No Tender may be withdrawn, substituted, or modified in the interval between the deadline for submission of Tenders and the expiration of the period of Tender validity specified by the Tenderer on the Form of Tender or any extension thereof.

24. **Tender Opening**

- 24.1 Except as in the cases specified in ITT 23, the Procuring Entity shall, at the Tender opening, publicly open and read out all Tenders received by the deadline at the date, time and place specified **in the TDS** in the presence of Tenderers' designated representatives who choose to attend, including to attend any specific electronic tender opening procedures if electronic tendering is permitted in accordance with ITT 21.1, shall be as specified **in the TDS**.
- 24.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding Tender shall not be opened, but returned to the Tenderer. 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 Tenderer, the corresponding Tender will be opened. No Tender withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Tender opening.
- 24.3 Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Tender being substituted, and the substituted Tender shall not be opened, but returned to the Tenderer. No Tender substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Tender opening.

- 244 Next, envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Tender. No Tender modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Tender opening.
- 245 Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Tenderer and whether there is a modification; the total Tender Prices, per lot (contract) if applicable, including any discounts and alternative Tenders; the presence or absence of a Tender Security, if required; and any other details as the Procuring Entity may consider appropriate.
- 246 Only Tenders, alternative Tenders and discounts that are opened and read out at Tender opening shall be considered further for evaluation. The Form of Tender and pages of the Bills of Quantities are to be initialed by the members of the tender opening committee attending the opening. The number of representatives of the Procuring Entity to sign shall be specified in the **TDS**.
- 247 The Procuring Entity shall neither discuss the merits of any Tender nor reject any Tender (except for late Tenders, in accordance with ITT 22.1).
- 248 The Procuring Entity shall prepare a record of the Tender opening that shall include, as a minimum:
- a) the name of the Tenderer and whether there is a withdrawal, substitution, or modification;
 - b) the Tender Price, per lot (contract) if applicable, including any discounts;
 - c) any alternative Tenders;
 - d) the presence or absence of a Tender Security or Tender-Securing Declaration, if one was required;
 - e) number of pages of each tender document submitted.
- 249 The Tenderers' representatives who are present shall be requested to sign the record. The omission of a Tenderer signature on the record shall not invalidate the contents and effect of the record. A copy of the tender opening register shall be issued to a Tenderer upon request.

E. Evaluation and Comparison of Tenders

25. Confidentiality

- 25.1 Information relating to the evaluation of Tenders and recommendation of contract award, shall not be disclosed to Tenderers or any other persons not officially concerned with the tendering process until the information on Intention to Award the Contract is transmitted to all Tenderers in accordance with ITT 41.
- 25.2 Any effort by a Tenderer to influence the Procuring Entity in the evaluation or contract award decisions may result in the rejection of its Tender.
- 25.3 Notwithstanding ITT 25.2, from the time of Tender opening to the time of Contract Award, if any Tenderer wishes to contact the Procuring Entity on any matter related to the Tendering process, it should do so in writing.

26. Clarification of Tenders

- 26.1 To assist in the examination, evaluation, comparison of the Tenders, and qualification of the Tenderers, the Procuring Entity may, at its discretion, ask any Tenderer for a clarification of its Tender. Any clarification submitted by a Tenderer in respect to its Tender and that is not in response to a request by the Procuring Entity shall not be considered. The Procuring Entity'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 Tender shall be sought, offered, or permitted except to confirm the correction of arithmetic errors discovered by the Procuring Entity in the Evaluation of the Tenders, in accordance with ITT 30.

If a Tenderer does not provide clarifications of its Tender by the date and time set in the Procuring Entity's request for clarification, its Tender may be rejected.

27. Deviations, Reservations, and Omissions

- 27.1 During the evaluation of Tenders, the following definitions apply:

- a) "Deviation" is a departure from the requirements specified in the Tendering document;
- b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the tendering document; and
- c) "Omission" is the failure to submit part or all of the information or documentation required in the tendering document.

28. Determination of Responsiveness

- 28.1 The Procuring Entity's determination of a Tender's responsiveness is to be based on the contents of the Tender itself, as defined in ITT28.2.
28. A substantially responsive Tender is one that meets the requirements of the tendering 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 tendering document, the Procuring Entity's rights or the Tenderer obligations under the Contract; or
 - b) if rectified, would unfairly affect the competitive position of other Tenderers presenting substantially responsive Tenders.
- 28.2 The Procuring Entity shall examine the technical aspects of the Tender submitted in accordance with ITT 15 and ITT 16, in particular, to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.
- 28.3 If a Tender is not substantially responsive to the requirements of tendering document, it shall be rejected by the Procuring Entity and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

29. Non-conformities, Errors and Omissions

- 29.1 Provided that a Tender is substantially responsive, the Procuring Entity may waive any non-conformities in the Tender.
- 29.2 Provided that a Tender is substantially responsive, the Procuring Entity may request that the Tenderer submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial non- conformities or omissions in the Tender related to documentation requirements. Such omission shall not be related to any aspect of the price of the Tender. Failure of the Tenderer to comply with the request may result in the rejection of its Tender.
- 29.3 Provided that a Tender is substantially responsive, the Procuring Entity shall rectify quantifiable nonmaterial non-conformities related to the Tender Price. To this effect, the Tender Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component in the manner specified **in the TDS**. The adjustment shall be based on the **average** price of the item or component as quoted in other substantially responsive Tenders. If the price of the item or component cannot be derived from the price of other substantially responsive Tenders, the Procuring Entity shall use its best estimate.

30. Arithmetical Errors

- 30.1 The tender sum as submitted and read out during the tender opening shall be absolute and final and shall not be the subject of correction, adjustment or amendment in any way by any person or entity.
- 30.2 Provided that the Tender is substantially responsive, the Procuring Entity shall handle errors on the following basis:
- a) Any error detected if considered a major deviation that affects the substance of the tender, shall lead to disqualification of the tender as non-responsive .

- b) Any errors in the submitted tender arising from a miscalculation of unit price, quantity, subtotal and total bid price shall be considered as a major deviation that affects the substance of the tender and shall lead to disqualification of the tender as non-responsive. and
- c) if there is a discrepancy between words and figures, the amount in words shall prevail.

303 Tenderers shall be notified of any error detected in their bid during the notification of a ward.

31. Conversion to Single Currency

31.1 For evaluation and comparison purposes, the currency(ies) of the Tender shall be converted in a single currency as specified **in the TDS**.

32. Margin of Preference and Reservations

32.1 A margin of preference may be allowed on locally manufactured goods only when the contract is open to international tendering, where the tender is likely to attract foreign goods and where the contract exceeds the threshold specified in the Regulations.

32.2 For purposes of granting a margin of preference on locally manufactured goods under international competitive tendering, a procuring entity shall not subject the items listed below to international tender and hence no margin of preference shall be allowed. The affected items are:

- a) motor vehicles, plant and equipment which are assembled in Kenya;
- b) furniture, textile, foodstuffs, oil and gas, information communication technology, steel, cement, leather Agro-processing, sanitary products, and other goods made in Kenya; or
- c) goods manufactured, mined, extracted or grown in Kenya.

32.3 A margin of preference shall not be allowed unless it is specified so in the **TDS**.

32.4 Contracts procured on basis of international competitive tendering shall not be subject to reservations to specific groups as provided in ITT 32.5.

32.5 Where it is intended to reserve a contract to a specific group of businesses (these groups are Small and Medium Enterprises, Women Enterprises, Youth Enterprises and Enterprises of persons living with disability, as the case may be), and who are appropriately registered as such by the authority to be specified in the **TDS**, a procuring entity shall ensure that the invitation to tender specifically indicates that only businesses or firms belonging to the specified group are eligible to tender as specified in the **TDS**. No tender shall be reserved to more than one group. If not so stated in the Tender documents, the invitation to tender will be open to all interested tenderers.

33. Evaluation of Tenders

33.1 The Procuring Entity shall use the criteria and methodologies listed in this ITT and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. The evaluation and award of contracts will be based on Packages.

33.2 Price evaluation will be done for Items or Lots (contracts), as specified **in the TDS**; and the Tender Price as quoted in accordance with ITT 14. To evaluate a Tender, the Procuring Entity shall consider the following:

- a) price adjustment due to unconditional discounts offered in accordance with ITT 13.4;
- b) converting the amount resulting from applying (a) and (b) above, if relevant, to a single currency in accordance with ITT 31;
- c) price adjustment due to quantifiable nonmaterial non-conformities in accordance with ITT 29.3; and
- d) any additional evaluation factors specified **in the TDS** and Section III, Evaluation and Qualification Criteria.

33.3 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 considered in Tender evaluation.

33.4 Where the tender involves multiple lots or contracts, the tenderer will be allowed to tender for one or more lots (contracts). Each lot or contract will be evaluated in accordance with ITT 33.2.

The methodology to determine the lowest evaluated tenderer or tenderers based one lot (contract) or based on a combination of lots (contracts), will be specified in Section III, Evaluation and Qualification Criteria. In the case of multiple lots or contracts, tenderer will be will be required to prepare the Eligibility and Qualification Criteria Form for each Lot.

- 335 The Procuring Entity's evaluation of a Tender will include and consider:
- a) in the case of Goods manufactured in Kenya, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Tenderer;
 - b) in the case of Goods manufactured outside Kenya, 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 Tenderer;
- 336 The Procuring Entity's evaluation of a Tender may require the consideration of other factors, in addition to the Tender Price quoted in accordance with ITT 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 Tenders, unless otherwise specified in the **TDS** from amongst those set out in Section III, Evaluation and Qualification Criteria. The additional criteria and methodologies to be used shall be as specified in ITT 33.2(d).

34. Comparison of Tenders

- 34.1 The Procuring Entity shall compare the evaluated costs of all substantially responsive Tenders established in accordance with ITT 33.2 to determine the Tender that has the lowest evaluated cost. The comparison shall be on the basis of total cost (place of final destination) prices for all goods and all prices, plus cost of inland transportation and insurance to place of destination, for goods manufactured within the Kenya, together with prices for any required installation, training, commissioning and other services.

35. Abnormally Low Tenders

- 35.1 An Abnormally Low Tender is one where the Tender price, in combination with other constituent elements of the Tender, appears unreasonably low to the extent that the Tender price raises material concerns with the Procuring Entity as to the capability of the Tenderer to perform the Contract for the offered Tender price.
- 35.2 In the event of identification of a potentially Abnormally Low Tender by the evaluation committee, the Procuring Entity shall seek written clarification from the Tenderer, including a detailed price analyses of its Tender price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the tendering document.
- 35.3 After evaluation of the price analysis, in the event that the Procuring Entity determines that the Tenderer has failed to demonstrate its capability to perform the contract for the offered Tender price, the Procuring Entity shall reject the Tender.

36. Abnormally High Tenders

- 36.4 An abnormally high price is one where the tender price, in combination with other constituent elements of the Tender, appears unreasonably too high to the extent that the Procuring Entity is concerned that it (the Procuring Entity) may not be getting value for money or it may be paying too high a price for the contract compared with market prices or that genuine competition between Tenderers is compromised.
- 36.5 In case of an abnormally high tender price, the Procuring Entity shall make a survey of the market prices, check if the estimated cost of the contract is correct and review the Tender Documents to check if the specifications, scope of work and conditions of contract are contributory to the abnormally high tenders. The Procuring Entity may also seek written clarification from the tenderer on the reason for the high tender price. The Procuring Entity shall proceed as follows:
- i) If the tender price is abnormally high based on wrong estimated cost of the contract, the Procuring Entity may accept or not accept the tender depending on the Procuring Entity's budget considerations.
 - ii) If specifications, scope of work and/or conditions of contract are contributory to the abnormally high tender prices, the Procuring Entity shall reject all tenders and may retender for the

contract based on revised estimates, specifications, scope of work and conditions of contract, as the case may be.

- 36.6 If the Procuring Entity determines that the Tender Price is abnormally too high because genuine competition between tenderers is compromised (*often due to collusion, corruption or other manipulations*), the Procuring Entity shall reject all Tenders and shall institute or cause relevant Government Agencies to institute an investigation on the cause of the compromise, before retendering.

37. Post-Qualification of the Tenderer

- 37.1 The Procuring Entity shall determine, to its satisfaction, whether the eligible Tenderer that is selected as having submitted the lowest evaluated cost and substantially responsive Tender, meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 37.2 The determination shall be based upon an examination of the documentary evidence of the Tenderer qualifications submitted by the Tenderer, pursuant to ITT 15 and 16. The determination shall not take into consideration the qualifications of other firms such as the Tenderer subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the tendering document), or any other firm(s) different from the Tenderer.
- 37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Tenderer. A negative determination shall result in disqualification of the Tender, in which event the Procuring Entity shall proceed to the Tenderer who offers a substantially responsive Tender with the next lowest evaluated cost to make a similar determination of that Tenderer qualifications to perform satisfactorily.

38. Lowest Evaluated Tender

- 38.1 Having compared the evaluated prices of Tenders, the Procuring Entity shall determine the Lowest Evaluated Tender. The Lowest Evaluated Tender is the Tender of the Tenderer that meets the Qualification Criteria and whose Tender has been determined to be:
- a) most responsive to the Tender document; and
 - b) the lowest evaluated price.

39. Procuring Entity's Right to Accept Any Tender, and to Reject Any or All Tenders.

- 39.1 The Procuring Entity reserves the right to accept or reject any Tender, and to annul the Tendering process and reject all Tenders at any time prior to notification Award, without thereby incurring any liability to Tenderers. In case of annulment, all Tenderers shall be notified with reasons and all Tenders submitted and specifically, tender securities, shall be promptly returned to the Tenderers.

F. Award of Contract

40. Award Criteria

- 40.1 The Procuring Entity shall award the Contract to the successful tenderer whose tender has been determined to be the Lowest Evaluated Tender in accordance with procedures in Section 3: Evaluation and Qualification Criteria.

41. Procuring Entity's Right to Vary Quantities at Time of Award

- 41.1 The Procuring Entity reserves the right at the time of Contract award to increase or decrease, by the percentage (s) for items as indicated **in the TDS**.

42. Notice of Intention to enter into a Contract

Upon award of the contract and Prior to the expiry of the Tender Validity Period the Procuring Entity shall issue a Notification of Intention to Enter into a Contract / Notification of award to all tenderers which shall contain, at a minimum, the following information:

- a) the name and address of the Tenderer submitting the successful tender;
- b) the Contract price of the successful tender;
- c) a statement of the reason(s) the tender of the unsuccessful tenderer to whom the letter is

addressed was unsuccessful, unless the price information in (c) above already reveals the reason;

- d) the expiry date of the Standstill Period; and
- e) instructions on how to request a debriefing and/or submit a complaint during the standstill period;

43. Standstill Period

- 43.1 The Contract shall not be awarded earlier than the expiry of a Standstill Period of 14 days to allow any dissatisfied candidate to launch a complaint. Where only one Tender is submitted, the Standstill Period shall not apply.
- 43.2 Where standstill period applies, it shall commence when the Procuring Entity has transmitted to each Tenderer the Notification of Intention to Enter into a Contract to the successful Tenderer.

44. Debriefing by the Procuring Entity

- 44.1 On receipt of the Procuring Entity's Notification of Intention to Enter into a Contract referred to in ITT 41, an unsuccessful tenderer may make a written request to the Procuring Entity for a debriefing on specific issues or concerns regarding their tender. The Procuring Entity shall provide the debriefing within five days of receipt of the request.
- 44.2 Debriefings of unsuccessful Tenderers may be done in writing or verbally. The Tenderer shall bear its own costs of attending such a debriefing meeting.

45. Letter of Award

Prior to the expiry of the Tender Validity Period and upon expiry of the Standstill Period specified in ITT 42, upon addressing a complaint that has been filed within the Standstill Period, the Procuring Entity shall transmit the Letter of Award to the successful Tenderer. The letter of award shall request the successful tenderer to furnish the Performance Security within 21 days of the date of the letter.

46. Signing of Contract

- 46.1 Upon the expiry of the fourteen days of the Notification of Intention to enter into contract and upon the parties meeting their respective statutory requirements, the Procuring Entity shall send the successful Tenderer the Contract Agreement.
- 46.2 Within fourteen (14) days of receipt of the Contract Agreement, the successful Tenderer shall sign, date, and return it to the Procuring Entity.
- 46.3 The written contract shall be entered into within the period specified in the notification of award and before expiry of the tender validity period.

47. Performance Security

- 47.1 Within twenty-one (21) days of the receipt of Letter of Acceptance from the Procuring Entity, the successful Tenderer, 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. If the Performance Security furnished by the successful Tenderer is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Tenderer to be acceptable to the Procuring Entity. A foreign institution providing a bond shall have a correspondent financial institution located in Kenya, unless the Procuring Entity has agreed in writing that a correspondent financial institution is not required.
- 47.2 Failure of the successful Tenderer 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 Tender Security. In that event the Procuring Entity may award the Contract to the Tenderer offering the next lowest Evaluated Tender.
- 47.3 Performance security shall not be required for a contract, if so specified in the **TDS**.

48. Publication of Procurement Contract

- 48.1 Within fourteen days after signing the contract, the Procuring Entity shall publish and publicize the awarded contract at its notice boards, entity website; and on the Website of the Authority in manner

and format prescribed by the Authority. At the minimum, the notice shall contain the following information:

- a) name and address of the Procuring Entity;
- b) name and reference number of the contract being awarded, a summary of its scope and the selection method used;
- c) the name of the successful Tenderer, the final total contract price, the contract duration.
- d) dates of signature, commencement and completion of contract;
- e) names of all Tenderers that submitted Tenders, and their Tender prices as read out at Tender opening;

49. Procurement Related Complaints and Administrative Review

49.1 The procedures for making a Procurement-related Complaint are as specified in the TDS.

49.2 A request for administrative review shall be made in the form provided under contract forms.

SECTION II – TENDER DATA SHEET (TDS)

The following specific data shall complement, supplement, or amend the provisions in the Instructions to Tenderers (ITT). Whenever there is a conflict, the provisions herein shall prevail over those in ITT.

ITT Reference	Particulars of Appendix to Instructions to Tenders
A. General	
ITT 1.1	The reference number of the Invitation for Tenders is: NYA/CG/FRA/08/2026-2028 The Procuring Entity is: COUNTY GOVERNMENT OF NYANDARUA The name of the Contract is: SUPPLY AND DELIVERY OF ASSORTED ICT & COMMUNICATION EQUIPMENT TO THE COUNTY GOVERNMENT OF NYANDARUA [FRAME WORK AGREEMENT - TWO YEARS] The number and identification of lots (contracts) comprising this Invitation for Tenders is: NYA/CG/FRA/08/2026-2028
ITT 1.2(a)	Electronic –Procurement System The Procuring Entity shall use the following electronic-procurement system to manage this Tendering process: County Government of Nyandarua official website: www.nyandarua.go.ke and Public Procurement Information Portal: www.tenders.go.ke The electronic-procurement system shall be used to manage the following aspects of the Bidding process: Issuance of tender documents, issuance of addenda and clarifications.
ITT 2.3	The Information made available on competing firms is as follows: N/A
	The firms that provided consulting services for the contract being tendered for are: N/A
ITT 3.1	Maximum number of members in the Joint Venture (JV) shall be: N/A
ITT 3.7	A list of debarred firms and individuals is available on the PPRA's website: www.ppra.go.ke
ITT 3.11	Tenderers shall be required to be to be registered with: N/A
B. Contents of Tendering Document	
ITT 6.1	(a) Address where to send enquiries is: <i>County Government of Nyandarua Supply Chain Management Offices County Government Headquarters P.O. BOX 701-20303 Ol Kalou Email: scms@nyandarua.go.ke</i> to reach the Procuring Entity not later than 7th August, 2026 at noon. (b) The Procuring Entity shall publish its response at the website www.nyandarua.go.ke
ITT 6.2	A pre-tender conference will not be held
ITT 6.3	The questions to reach the Procuring Entity not later than 7th August, 2026 at noon.
ITT 6.5	The Minutes of the Pre-Tender meeting shall be published on the at the website: N/A
C. Preparation of Tenders	
ITT 10 (j)	The Tenderer shall submit the following additional documents in its Tender: specified in Section III, Evaluation and Qualification Criteria.
ITT 12.1	Alternative Tenders shall not be considered.
ITT 13.5	The prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract.

ITT Reference	Particulars of Appendix to Instructions to Tenders
ITT 13.6	Prices quoted for each lot (contract) shall correspond at least to 100 percent of the items specified for each lot (contract). Prices quoted for each item of a lot shall correspond at least to 100 percent of the quantities specified for this item of a lot.
ITT 13.8 (a) (i) and (iii)	Place of final destination: County Government of Nyandarua
ITT 13.8 (a) (iii)	Final Destination (Project Site): County Government of Nyandarua
ITT 13.8 (b) (i)	Named place of destination, in Kenya is County Government of Nyandarua
ITT 13.8 (b) (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 which is inclusive of price quoted.
13.8 (c) (iv)	The place of final destination (Project Site) is as indicated in the Purchase Order.
ITT 14.2	Foreign currency requirements not allowed .
ITT 15.4	Period of time the Goods are expected to be functioning: N/A
ITT 16.2 (a)	Manufacturer's authorization is: not required
ITT 16.2 (b)	After sales service is: standard
ITT 17.1	The Tender validity period shall be 140 days.
ITT 17.3	(a) The Number of days beyond the expiry of the initial tender validity period will be 60 days. (b) The Tender price shall be adjusted by the following percentages of the tender price: (i) By 25 % of the local currency portion of the Contract price adjusted to reflect local inflation during the period of extension, and (ii) By 25% the foreign currency portion of the Contract price adjusted to reflect the international inflation during the period of extension.
ITT 18.1	A Tender-Securing Declaration shall be required.
ITT 19.1	In addition to the original of the Tender, the number of copies is: One (1)
ITT 19.3	The written confirmation of authorization to sign on behalf of the Tenderer shall consist of: Power of Attorney
	D. Submission and Opening of Tenders
ITT 20.3	A tender package or container that cannot fit in the tender box shall be received as follows: <i>County Government of Nyandarua Supply Chain Management Offices County Government Headquarters P.O. BOX 701-20303 Ol Kalou Email: scms@nyandarua.go.ke</i>
ITT 21.1	For Tender submission purposes only, the Procuring Entity's address is: <i>Chief Officer – Finance & Economic Planning County Government of Nyandarua County Government Headquarters P.O. BOX 701-20303 Ol Kalou.</i>

ITT Reference	Particulars of Appendix to Instructions to Tenders
	The deadline for Tender submission is: Date: 14th August, 2026 Time: 11:00 a.m.
ITT 24.1	The Tender opening shall take place at: Physical Address: Reception situated at the entrance of the County Government Headquarters offices next to the tender box. Date: 14th August, 2026. Time: 11:00 a.m.
ITT 24.6	The number of representatives of the Procuring Entity to sign is members of the tender opening committee.
E. Evaluation and Comparison of Tenders	
ITT 29.3	The manner of rectify quantifiable nonmaterial nonconformities described below: As per the Act and Regulations
ITT 31.1	The currency that shall be used for Tender evaluation and comparison purposes to convert at the selling exchange rate all Tender prices expressed in various currencies into a single currency is: Kenya Shillings The source of exchange rate shall be: The Central Bank in Kenya The date for the exchange rate shall be: 14th August, 2026
ITT 32.3	A margin of preference and/or reservation shall not apply.
ITT 32.5	The invitation to tender is extended to the following group that qualify for Reservations women, youth and people with disabilities
ITT 33.2	Price evaluation will be done for all items
ITT 33.2 (d)	Additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria.
ITT 33.6	The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria: (a) Deviation in Delivery schedule: No (b) Deviation in payment schedule: No (c) the cost of major replacement component, mandatory spare parts, and service: No (d) the availability in Kenya of spare parts and after-sales services for the equipment offered in the Tender: No (e) Life cycle costs: the costs during the life of the goods or equipment: No (f) the performance and productivity of the equipment offered: No
F. Award of Contract	
ITT 41.1	The maximum percentage by which quantities may be increased is: 15% The maximum percentage by which quantities may be decreased is: 15%
ITT 41.1	The Procuring Entity shall increase or decrease the quantity of Goods and Related Services by an amount not exceed 25% and without any change in the unit prices or other terms and conditions of the Tender and the tendering document.
ITT 47.3	Performance security if so required shall be in the sum indicated in the Notification of Award.
ITT 49.1	The procedures for making a Procurement-related Complaint are detailed in the "Notice of Intention to Award the Contract" herein and are also available from the PPRA Website www.ppra.go.ke. If a Tenderer wishes to make a Procurement-related Complaint, the Tenderer should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to: HEAD OF PROCUREMENT, COUNTY GOVERNMENT OF NYANDARUA,

ITT Reference	Particulars of Appendix to Instructions to Tenders
	P.O BOX 701 – 20303, OL-KALOU. Email: scms@nyandarua.go.ke In summary, a Procurement-related Complaint may challenge any of the following: (i) the terms of the Tender Documents; and (ii) the Procuring Entity's decision to award the contract.

SECTION III - EVALUATION AND QUALIFICATION CRITERIA

1. General Provisions

- 1.1** Wherever a Tenderer is required to state a monetary amount, Tenderers should indicate the Kenya Shilling equivalent using the rate of exchange determined as follows:
- a)** For business turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year is to be converted) was originally established.
 - b)** Value of single contract - Exchange rate prevailing on the date of the contract signature.
 - c)** Exchange rates shall be taken from the publicly available source identified in **the ITT 14.3**. Any error in determining the exchange rates in the Tender may be corrected by the Procuring Entity.
- 1.2** This section contains the criteria that the Procuring Entity shall use to evaluate tender and qualify tenderers. No other factors, methods or criteria shall be used other than those specified in this tender document. The Tenderer shall provide all the information requested in the forms included in Section IV, Tendering Forms. The Procuring Entity should use the Standard Tender Evaluation Report for Goods and Works for evaluating Tenders.

2. Evaluation of Tenders (ITT 33)

2.1 Successful Tender or Tenders

The Procuring Entity shall use the criteria and methodologies listed in this Section to evaluate Tenders. By applying these criteria and methodologies, the Procuring Entity shall determine the successful Tender or Tenders which has/have been determined to:

- a)** be substantially responsive to the tender documents;
- b)** offer the lowest evaluated cost to the Procuring Entity for all items of Goods to be procured based on either a single Contract or all multiple Contracts combined, as the case may be, in accordance with the ITT 13.6 inviting Tender prices and discounts, and provisions made of the Tender Document for evaluation of tenders and award of contract (s); and
- c)** be offered by Tenderer or Tenderers that substantially meet the qualification criteria applicable for Contract or combined Contracts for which they are selected.

2.2 Evaluation of Tenders

Preliminary examination for Determination of Responsiveness

The Procuring Entity will start by examining all tenders to ensure they meet in all respects the eligibility criteria and other mandatory requirements in the ITT, and that the tender is complete in all aspects in meeting the requirements provided for in the preliminary evaluation criteria outlined below. The Standard Tender Evaluation Report Document for Goods and Works for evaluating Tenders provides

very clear guide on how to deal with review of these requirements. Tenders that do not pass the Preliminary Examination will be considered non-responsive and will not be considered further.

Stage I: Preliminary Evaluation

No	Evaluation Requirement	Responsiveness Yes/No
1.	The tender document SHALL : i) Be paginated / serial numbered with pages in the whole document from the cover page numbered in the correct sequence including all appendixes and attachments. The document shall be paginated / serial numbered in a continuous ascending order i.e sequentially paginated, from the first page to the last in this format; (i.e., 1, 2, 3..... n, where n is the last page). ii) Be firmly bound and should not have any loose pages. Spiral binding and files (spring and box) shall not be acceptable. Original and Copy of the tender MUST be submitted.	
2.	Tenderer MUST provide a copy of Certificate of Registration/ Incorporation certificate for Limited Companies.	
3.	Provide a Certificate of Confirmation of Directors and Shareholding (CR 12) for companies Incorporated under the Company's Act issued within the last six (6) months from the date of tender opening. For companies operating under Business names, provide copies of Directors / Shareholders Identification documents (IDs or Passports).	
4.	Tenderer MUST provide a valid copy of Kenya Revenue Authority Tax Compliance Certificate (tax compliance certificate MUST be valid at the date of tender opening).	
5.	Tenderer MUST provide a Tender-Securing Declaration in the format provided under Section IV - Tendering Forms valid for 140 days from the date of tender opening.	
6.	Tenderer MUST provide Power of Attorney OR a written authorization clearly indicating who the tenderers' authorized representative is. The tenderer's representative must be the one to duly fill and sign all the documents submitted. Power of Attorney shall not be required where the signatory(ies) of the tender are directors/shareholders as declared in the CR12 for incorporated companies or similar document for business names.	
7.	Tenderer MUST provide a duly filled, dated, and signed Form of Tender in the prescribed format in the tender document. The following forms that form part of the Form of Tender shall also be duly completed, signed and stamped by the tenderer; • Tenderer's Eligibility-Confidential Business Questionnaire • Certificate of Independent Tender Determination • Self-Declaration of the Tenderer (SD1, SD2 & Declaration and Commitment to Code of Ethics Code Form)	
8.	Tenderer MUST provide duly filled, dated, stamped and signed Price Schedule Forms in the format provided in the tender document - PART 2 - Supply Requirements. No additional costs other than those declared in the tender will be considered after the contract award.	
9.	Tenderers MUST provide a Valid Copy of Trade License or Evidence of renewal from relevant County Government.	
10.	Tenderers MUST provide a valid Access to Government Procurement Opportunities (AGPO) Certificate from the National Treasury for women, youth and persons with disabilities.	

PRICE EVALUATION

Consistent with and in addition to the criteria listed in ITT 33.3 and ITT 29.3; and ITT 34 and its subparagraphs the following criteria shall apply:

a) Arithmetical Errors: A bidder whose bid will have arithmetical errors shall be quantified and treated as stipulated in the Public Procurement and Asset Disposal Regulations 2020 section 74(2).

- b) Tender Security: Tenderers must provide duly filled signed and stamped Tender Security.
- c) Price schedule: Must be fully filled, signed and stamped as indicated in the instructions to tenderers. Confirming that the tenderer has quoted prices inclusive of VAT.
- d) Form of tender: Must be correctly filled, signed and stamped with total contract sum both in figures and word by the Tenderer.

221 Evaluation of Technical aspects of the Tender

The Procuring Entity shall evaluate the Technical aspects of the Tender to determine compliance with the Procuring Entity's requirements under Section V 'Schedule of Requirement' and whether the Tenders are substantially responsive to the Technical Specifications and other Requirements.

[The Procuring Entity will highlight herein any particular details, characteristics, functional guarantees or

other requirements under the specifications, which the Tenderer is required to specifically confirm or provide details as per Section V, Supply Requirements or other parts of the Tender Document. To facilitate, a template may be attached or clearly described all information and list of documentation to be submitted by Tenderers to enable evaluation of Technical parts of the Tender]

222 Evaluation of Commercial Terms and Conditions of the Tender (ITT 33.1(a)):

The Procuring Entity shall determine whether the Tenders are substantially responsive to the Commercial and Contractual Terms and Conditions (e.g. Performance securities, Payment and delivery schedules).

[The Procuring Entity will highlight herein any particular requirements under the Contract which the Tenderer is required to specifically confirm or provide information to enable evaluation of Commercial Terms and Conditions of the Tender]

223 Evaluation Criteria (Other Factors) (ITT 33.6)

The Procuring Entity's evaluation of a Tender may take into account, in addition to the Tender Price quoted in accordance with ITT 13.8, one or more of the following factors as specified in ITT 33.2(d) and in TDS ITT 33.6, using the following criteria and methodologies.

Stage 2: Technical Examination

	EVALUATION CRITERIA	EVALUATION ATTRIBUTE	DOCUMENT TO BE AVAILED	TOTAL MARKS
1.	Experience of the firm	At least 5 No. projects of similar nature completed in the last five (5) years.	5 No.LPOs/Contracts for each of the project (5 points each)	25
2.	Physical Location	Evidence of physical registered office (proven physical location)	attach copy of lease, address of firm and single business permit	20

4.	Financial Capacity	Demonstrate access to, or availability of, financial resource such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments to meet the following cash-flow requirement: a. Kenya Shillings One Million (Kes 1M) or more (20 points) b. Kenya Shillings five hundred thousand (Kes 500,000-999,000) (15 points) c. Kenya Shillings (Kes 250,000 – 499,000) (10 points) d. Kenya Shillings (Kes 100,000 – 249,000) (5 points) e. Less than Kenya Shillings 100,000 (0 points)	Attach bank statement(s) for the last 6 months and/or letter from bank confirming access to line of credit.	20
5.	Key personnel	Tenderer's Organization structure indicating clearly the rank and qualifications of the key personnel to be handling this work.	1. Supervisor/Manager- provide CV (5 marks) 2. Operational Staff- evidence of a minimum of 2 staff - provide CVs (5 Marks for each)	15
6.	Delivery Timelines	The ability to meet the required delivery schedule. 1. Within 7 days.....20 2. 8 to 14 days..... 15 3. 15 to 21 days..... 10 4. 22 to 29 days.....5 5. More than 1 month.....0	Provide a letter of commitment indicating the minimum time required to deliver the items after issuance of the LP0	20

Tenderers who attain an aggregate score 75 Marks out of the maximum 100 marks will proceed to the financial evaluation. Those who score below 75 marks will be eliminated at this stage from the entire evaluation process and will not be considered further.

a) Delivery schedule.

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 V, Schedule of Requirements. No credit will be given to deliveries before the earliest date, and Tenders offering delivery after the final date shall be treated as non-responsive. Within this acceptable period, an adjustment of [insert the adjustment factor], will be added, for evaluation purposes only, to the Tender price of Tenders offering deliveries later than the "Earliest Delivery Date" specified in Section V, Schedule of Requirements.

b) Deviation in payment schedule.

- i. tenderers shall state their Tender price for the payment schedule outlined

in the SCC. Tenders shall be evaluated on the basis of this base price. tenderers are, however, permitted to state an alternative payment schedule and indicate the reduction in Tender price they wish to offer for such alternative payment schedule. The Procuring Entity may consider the alternative payment schedule and the reduced Tender price offered by the tenderer selected on the basis of the base price for the payment schedule outlined in the SCC.

or

c) Cost of major replacement components, mandatory spare parts, and service.

Tenderer shall provide along with its Tender, the list of recommended spare parts for Goods offered indicating for each item of spare part the recommended quantity and unit, and total CIP final destination prices required during the initial period of operation specified in the TDS 15.4. The prices offered shall not exceed the prevailing prices charged to other parties by the Tenderer. The cost of such spare parts will not be taken into account for tender evaluation. The Procuring Entity may award the contract for spare parts to the Tenderer that is successful for the supply of Goods, by selecting at its option, from the Tender's list of recommended spare parts, such items and quantities against each as the Procuring Entity may deem appropriate at the unit prices indicated by the Tenderer but not exceeding ----% (present) of the cost of Goods [normally not more than 10% or 15%.]

d) Availability in Kenya of spare parts and after sales services for equipment offered in the Tender.

An adjustment equal to the cost to the Procuring Entity of establishing the minimum service facilities and parts inventories if quoted separately, shall be added to the Tender price, for evaluation purposes only.

e) Life Cycle Costs

If specified in TDS 33.6, an adjustment to consider the additional life cycle costs for the period specified below, such as the operating and maintenance costs of the Goods, will be added to the Tender price, for evaluation purposes only. The adjustment will be evaluated in accordance with the methodology specified below and the following information:

f) Performance and productivity of the equipment:

An adjustment to consider the productivity of the goods offered in the Tender will be added to the Tender price, for evaluation purposes only, if specified in ITT 33.6. The adjustment will be evaluated based on the cost per unit of the actual productivity of goods offered in the Tender with respect to minimum required values, using the methodology specified below.

g) Specific additional criteria

[Other specific additional criteria to be considered in the evaluation, and the evaluation method shall be detailed in TDS 34.6][If specific **sustainable procurement technical requirements** have been specified in Section VII-Specification, **either** state that (i) those requirements will be evaluated on a pass/fail (compliance basis) **or** otherwise (ii) in addition to evaluating those requirements on a pass/fail (compliance basis), if applicable, specify the monetary adjustments to be applied to Tender Prices for comparison purposes on account of Tenders that exceed the specified minimum sustainable procurement technical requirements.]

224. Multiple Contracts (ITT 33.4)

Tenders are invited for individual lots, the contract will be awarded to the tenderer offering a substantially responsive Tender(s) and the lowest evaluated cost for individual lots, subject to the selected tenderer(s) meeting the required qualification criteria (this Section III, Sub-Section ITT 36 Qualification Requirements) for each lot. In determining tenderer that offer the lowest evaluated cost to the Procuring Entity for each lot, the Procuring Entity shall apply the following steps in sequence:

- (a) evaluate individual lots to determine the substantially responsive Tenders and corresponding evaluated costs;
- (b) for each lot, rank the substantially responsive Tenders starting from the lowest evaluated cost for the lot;
- (c) apply to the evaluated costs listed in (b) above, any applicable discounts/price reductions offered by a tenderer (s) for the award of each Lot based on the discounts and the methodology for their application offered by the respective Tenderer; and
- (d) determine contract award based on the lots that offer the tender offers each of which has the lowest evaluated cost to the Procuring Entity.

22.5 Alternative Tenders

“A Tenderer may submit an alternative Tender with or without a Tender for the base case. The Procuring Entity shall consider Tenders offered for alternatives as specified in the Technical Specifications of Section V, Schedule of Requirements. All Tenders received, for the base case, as well as alternative Tenders meeting the specified requirements, shall be evaluated on their own merits in accordance with the same procedures, as specified in the ITT 33.”

3. MARGIN OF PREFERENCE

- 3.1 If the TDS so specifies, the Procuring Entity will grant a margin of preference of 15% (fifteen percent) to Tenderers offering goods manufactured, mined, extracted, grown, assembled or semi-processed in Kenya.
- 3.2 Goods assembled or semi-processed in Kenya shall have a local content of not less than 40%.
- 3.3 The margin of preference will be applied in accordance with, and subject to, the following provisions:
 - a) Tenderers applying for such preference on goods offered shall provide, as part of the data for qualification, such information, including details of the goods produced in Kenya, so as to determine whether, according to the classification established by the Procuring Entity, a particular category of goods or group of goods qualifies for a margin of preference.
 - b) After Tenders have been received and reviewed by the Procuring Entity, goods offered in the responsive Tenders shall be assessed to ascertain they are manufactured, mined, extracted, grown, assembled or semi- processed in Kenya. Responsive tenders shall be classified into the following groups:
 - i) **Group A:** Tenders offering goods manufactured in Kenya, for which
 - (a) labour, raw materials, and components from within Kenya account for more than forty (40) percent of the Ex-Works price; and
 - (b) the production facility in which they will be manufactured or assembled has been engaged in manufacturing or assembling such goods at least since the date of Tender Submission date;
 - ii) **Group B:** All other Tenders offering Goods manufactured in Kenya;
 - iii) **Group C:** Tenders offering Goods manufactured outside Kenya that have been already imported or that will be imported.
 - c) To facilitate this classification by the Procuring Entity, the Tenderer shall

complete whichever version of the Price Schedule furnished in the Tender Documents is appropriate. Incorrect classification may render the Tender non-responsive as no reclassification will be permitted after Tender opening. Tenderers shall provide correct information especially with respect to duties, taxes etc. paid on previously imported Goods and percentage of local labour, materials and components for Goods manufactured in Kenya as any false information which cannot be supported by documentation may render the Tender non-responsive besides other sanctions for providing falsified information.

- d) The Procuring Entity will first review the Tenders to confirm the appropriateness of the Tender group classification to which Tenderers assigned their Tenders in preparing their Tender Forms and Price Schedules.
- e) All evaluated Tenders in each group will then be compared to determine the lowest evaluated Tender of each group. Such lowest evaluated Tenders shall be compared with each other and if as a result of this comparison a Tender from Group A or Group B is the lowest, it shall be selected for the award.
- f) If as a result of the preceding comparison, the lowest evaluated Tender is a Tender from Group C, all Tenders from Group C shall be further compared with the lowest evaluated Tender from Group A after adding to the evaluated price of goods offered in each Tender from Group C, for the purpose of this further comparison only, an amount equal to 15% (fifteen percent) of the respective CIP Tender price for goods to be imported and already imported goods. Both prices shall include unconditional discounts and be corrected for arithmetical errors. If the Tender from Group A is the lowest, it shall be selected for award. If not, the lowest evaluated Tender from Group C shall be selected as per paragraph (e) above."

4. Post-Qualification of Tenderers (ITT 37)

4.1 Post-Qualification Criteria (ITT 37.1)

In case the tender was not subject to pre-qualification, the tender that has been determined to be the lowest evaluated tenderer shall be considered for contract award, subject to meeting each of the following conditions (post qualification Criteria applied on a GO/NO GO basis). The Procuring Entity shall carry out the post-qualification of the Tenderer in accordance with ITT 37, using only the requirements specified herein. Requirements not included in the text below shall not be used in the evaluation of the Tenderer's qualifications. The minimum qualification requirements for multiple contracts will be the sum of the minimum requirements for respective individual contracts, unless otherwise specified.

4.2 If the Tenderer is a manufacturer

a) Financial Capability

- i) The Tenderer shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the supply cash flow of Kenya Shillings

[or equivalent].

- ii) Minimum average annual supply turnover of Kenya Shillings _____ [insert amount, specify a figure about 2.5 times the total Tender price)] or equivalent calculated as total certified payments received for contracts of goods manufactured and supplied within the last _____ [insert number of years). In case of multiple contracts, limitation will be placed on the number of item(s) that will be awarded to the Tenderer.

b) Experience and Technical Capacity

The Tenderer shall furnish documentary evidence to demonstrate that it meets the

following experience requirement(s) using the form provided in Section IV. In case the Tenderer 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 unless all members of the JV have been manufacturing and supplying Goods offered in the Tender to the same technology, processing, design, materials, specifications, model number, etc. in all respects such that Goods manufactured have the same functional characteristics, performance parameters, outputs and other guarantees and fully interchangeable which shall be documented along with other required documents demonstrating capacity to the satisfaction of the Procuring Entity in case individual members claim experience. Otherwise, documents evidencing experience and technical capacity shall be in the name of the JV that submitted the Tender. 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-I to provide the required information.

[list the requirement(s), including experience in successfully implementing sustainable procurement requirements, if specified in the tender document.] Samples of Experience Requirements:

- i) The Tenderer shall be manufacturing similar Goods for the last _____ (specify the number of years to cover a sufficiently long period ranging from 2 to 5 years depending upon the Goods to be procured).
- ii) The Tenderer shall furnish documentary evidence to demonstrate successful completion of at least _____ (Insert number) of contracts of similar Goods in the last _____ (specify number) each contract costing at least Kenya shillings _____ equivalent and involving a supply of at least _____ percentage of required quantity (usually the percentage is about 70-80%) in some cases where Procuring Entity requires deliveries in a scheduled manner over a specified time, include item (iii) below.
- iii) **(Optional)** The installed capacity to manufacture _____ number of items (specify the relevant item number) shall not be less than _____ units per _____ (specify week or month).
- c) **(Optional) Documentary Evidence of Usage of Goods (When appropriate)**
The Tenderer shall furnish documentary evidence satisfactory to the Procuring Entity to demonstrate that similar Goods as offered in the Tender have been in successful use or operation for the last _____ years. If the Tenderer is a JV, the evidence of demonstrated usage of Goods supplied in the past shall be in the name of the JV.

43 If Tenderer is a Supplier:

If a Tenderer is a Supplier offering the Goods on behalf of or from a Manufacturer under Manufacturer's Authorization Form (Section IV, Tendering Forms), the Manufacturer shall demonstrate the above qualifications 4.2 (b) (i), (ii), and (iii) and the Tenderer shall demonstrate it meets the following criteria.

- i) The Tenderer shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the supply cash flow of Kenya Shillings _____
- ii) Minimum average annual supply turnover of Kenya Shillings _____ [insert amount] or equivalent calculated as total certified payments received for contracts in progress and/or completed within the last [insert of year] years, divided by [insert number of years] years.
- iii) Has satisfactorily and substantially completed at least

_____ (specify number) contract(s) of a similar nature either within Kenya, the East African Community or abroad, as a prime supplier or a joint venture member, each of a minimum value in Kenya shillings _____ equivalent.

44 History of non-performing contracts:

Tenderer (Supplier or/and manufacturer, and each member of JV in case the Tenderer is a JV, shall demonstrate that Non-performance of a contract did not occur as a result of the default of the Tenderer, manufacturer or the member of JV as the case may be, in the last _____ (specify years). The required information shall be furnished as per form CON-2].

45 Pending Litigation

Financial position and prospective long-term profitability of the Single Tenderer, and in the case the Tenderer 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 Tenderer. Tenderer shall provide information on pending litigations as per Form CON-2.

4.6. Litigation History

There shall be no consistent history of court/arbitral award decisions against the Tenderer, in the last _____ (specify years). All parties to the contract shall furnish the information on the related Form (CON-2) about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the years specified. A consistent history of awards against the Tenderer or any member of a JV may result in rejection of the tender.

SECTION IV - TENDERING FORMS

Form of Tender Tenderer Information Form Tenderer JV Members Information Form

Price Schedule: Goods Manufactured Outside Kenya, to be Imported Price Schedule: Goods

Manufactured Outside Kenya, already imported Price Schedule: Goods Manufactured in Kenya

Price and Completion Schedule – Related Services Form of Tender Security – Demand

Guarantee Form of Tender Security (Tender Bond)

Form of Tender-Securing Declaration Manufacturer's Authorization Form

FORM OF TENDER

(Amended and issued pursuant to PPRA CIRCULAR No. 02/2022)

INSTRUCTIONS TO TENDERERS

- i) All italicized text is to help the Tenderer in preparing this form.
- ii) The Tenderer must prepare this Form of Tender on stationery with its letterhead clearly showing the Tenderer's complete name and business address. Tenderers are reminded that this is a mandatory requirement.
- iii) Tenderer must complete and sign CERTIFICATE OF INDEPENDENT TENDER DETERMINATION and the SELF DECLARATION FORMS OF THE TENDERER as listed under (s) below.

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

Name **and** **Identification:**.....[insert identification] **Alternative**

No.:.....[insert identification No if this is a Tender for an alternative]

To: [Insert complete name of Procuring Entity]

- a) **No reservations:** We have examined and have no reservations to the Tendering document, including Addenda issued in accordance with Instructions to tenderers (ITT 7);
- b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITT 3;
- c) **Tender/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Procuring Entity based on execution of a Tender-Securing Declaration. Or Proposal-Securing Declaration in Kenya in accordance with ITT 3.6;
- d) **Conformity:** We offer to supply in conformity with the Tendering 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];
- e) **Tender Price:** The total price of our Tender, excluding any discounts offered in item (f) below as per listed Lots (list each lot with its price and then the total of all tendered for lots) [insert the prices of the Tender in words and figures, indicating the various amounts for lots and the respective currencies];
- f) **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 after application of discounts are shown below: [Specify in detail the method that shall be used to apply the discounts];
- g) **Tender Validity Period:** Our Tender shall be valid for the period specified in TDS 17.1 (as amended, if applicable) from the date fixed for the Tender submission deadline specified in TDS 21.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- h) **Performance Security:** If our Tender is accepted, we commit to obtain a performance security in accordance with the Tendering document;
- i) **One Tender per tenderer:** We are not submitting any other Tender(s) as an individual tenderer, and we are not participating in any other Tender(s) as a Joint Venture member, or as a subcontractor, and meet the requirements of ITT 3.9, other than alternative Tenders submitted in accordance with ITT 12;
- j) **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 Procuring Entity. Further, we are not ineligible under the Kenya laws or official regulations or pursuant to a decision of the United Nations Security Council;

- k) **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 ITT 3.7];*
- l) **Commissions, gratuities, fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Tendering 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.”)

- m) **Binding Contract:** We understand that this Tender, 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;
- n) **Procuring Entity Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Tender, the Best Evaluated Tender or any other Tender that you may receive; and
- o) **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.
- p) **Code of Ethical Conduct:** We undertake to adhere by the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal, copy available from _____ (specify website) during the procurement process and the execution of any resulting contract.
- q) **Collusive practices:** We hereby certify and confirm that the tender is genuine, non-collusive and made with the intention of accepting the contract if awarded. To this effect we have signed the “Certificate of Independent tender Determination” attached below.
- r) **Beneficial Ownership Information:** We commit to provide to the procuring entity the Beneficial Ownership Information in conformity with the Beneficial Ownership Disclosure Form upon receipt of notification of intention to enter into a contract in the event we are the successful tenderer in this subject procurement proceeding.
- s) We, the Tenderer, have duly completed, signed and stamped the following Forms as part of our Tender:
- Tenderer's Eligibility; Confidential Business Questionnaire – to establish we are not in any conflict to interest;
 - Certificate of Independent Tender Determination – to declare that we completed the tender without colluding with other tenderers;
 - Self-Declaration of the Tenderer – to declare that we will, if awarded a contract, not engage in any form of fraud and corruption; and
 - Declaration and Commitment to the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal.

Further, we confirm that we have read and understood the full content and scope of fraud and corruption as informed in **“Appendix I- Fraud and Corruption”** attached to the Form of Tender.

Name of the tenderer: *[insert complete name of the tenderer]

Name of the person duly authorized to sign the Tender on behalf of the tenderer: **[insert complete name of person duly authorized to sign the Tender]

Title of the person signing the Tender: [insert complete title of the person signing the Tender] **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 Tender submitted by a Joint Venture specify the name of the Joint Venture as tenderer.

**: Person signing the Tender shall have the power of attorney given by the tenderer. The power of attorney shall be attached with the Tender Schedules.

CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

I, the undersigned, in submitting the accompanying Letter of Tender to the _____
[Name of
Procuring Entity] for: _____ [Name and
number of tender] in response to the request for tenders made by: _____ [Name of
Tenderer] do hereby make the following statements that I certify to be true and complete
in every respect:

I certify, on behalf of _____ [Name of
Tenderer] that:

1. I have read and I understand the contents of this Certificate;
2. I understand that the Tender will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am the authorized representative of the Tenderer with authority to sign this Certificate, and to submit the Tender on behalf of the Tenderer;
4. For the purposes of this Certificate and the Tender, I understand that the word "competitor" shall include any individual or organization, other than the Tenderer, whether or not affiliated with the Tenderer, who:
 - a) has been requested to submit a Tender in response to this request for tenders;
 - b) could potentially submit a tender in response to this request for tenders, based on their qualifications, abilities or experience;
5. The Tenderer discloses that [check one of the following, as applicable]:
 - a) The Tenderer has arrived at the Tender independently from, and without consultation, communication, agreement or arrangement with, any competitor;
 - b) the Tenderer has entered into consultations, communications, agreements or arrangements with one or more competitors regarding this request for tenders, and the Tenderer discloses, in the attached document(s), complete details thereof, including the names of the competitors and the nature of, and reasons for, such consultations, communications, agreements or arrangements;
6. In particular, without limiting the generality of paragraphs (5)(a) or (5)(b) above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - a) prices;
 - b) methods, factors or formulas used to calculate prices;
 - c) the intention or decision to submit, or not to submit, a tender; or
 - d) the submission of a tender which does not meet the specifications of the request for Tenders; except as specifically disclosed pursuant to paragraph (5)(b) above;
7. In addition, there has been no consultation, communication, agreement or arrangement with any competitor regarding the quality, quantity, specifications or delivery particulars of the works or services to which this request for tenders relates, except as specifically authorized by the procuring authority or as specifically disclosed pursuant to paragraph (5)(b) above;
8. the terms of the Tender have not been, and will not be, knowingly disclosed by the Tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening, or of the awarding of the Contract, whichever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph (5)(b) above.

Name

Title

Date

[Name, title and signature of authorized agent of Tenderer and Date]

SELF-DECLARATION FORMS

FORM SDI

SELF DECLARATION THAT THE PERSON/TENDERER IS NOT DEBARRED IN THE MATTER OF THE PUBLIC PROCUREMENT AND ASSET DISPOSAL ACT 2015.

I of Post Office Box.....being a resident of in the Republic of.....do hereby make a statement as follows:-

1. THAT I am the Company Secretary/ Chief Executive/Managing Director/Principal Officer/Director of (insert name of the Company) who is a Bidder in respect of **Tender No.** for..... (insert tender title/description) for.....(insert name of the Procuring entity) and duly authorized and competent to make this statement.
2. THAT the aforesaid Bidder, its Directors and subcontractors have not been debarred from participating in procurement proceeding under Part IV of the Act.
3. THAT what is deponed to herein above is true to the best of my knowledge, information and belief.

.....
(Title)

.....
(Signature)

.....
(Date)

Bidder Official Stamp

FORM SD2

SELF DECLARATION THAT THE PERSON/TENDERER WILL NOT ENGAGE IN ANY CORRUPT OR FRAUDULENT PRACTICE

I, of P.O. Box.....being a resident of..... in the Republic of do hereby make a statement as follows:-

1. THAT I am the Chief Executive/Managing Director/Principal Officer/Director of..... (insert name of the Company) who is a Bidder in respect of **Tender No.** for..... (Insert tender title/description) for..... (insert name of the Procuring entity) and duly authorized and competent to make this statement.
2. THAT the aforesaid Bidder, its servants and/or agents /subcontractors will not engage in any corrupt or fraudulent practice and has not been requested to pay any inducement to any member of the Board, Management, Staff and/or employees and/or agents of(insert name of the Procuring entity) which is the procuring entity.
3. THAT the aforesaid Bidder, its servants and/or agents /subcontractors have not offered any inducement to any member of the Board, Management, Staff and/or employees and/or agents of(name of the procuring entity).
4. THAT the aforesaid Bidder will not engage/has not engaged in any corrosive practice with other bidders participating in the subject tender.
5. THAT what is deponed to herein above is true to the best of my knowledge information and belief.

.....
(Title)

.....
(Signature)

.....
(Date)

Bidder's Official Stamp

DECLARATION AND COMMITMENT TO THE CODE OF ETHICS

I..... (Person) on behalf of (**Name of the Business/ Company/Firm**).....declare that I have read and fully understood the contents of the Public Procurement & Asset Disposal Act, 2015, Regulations and the Code of Ethics for persons participating in Public Procurement and Asset Disposal and my responsibilities under the Code.

I do hereby commit to abide by the provisions of the Code of Ethics for persons participating in Public Procurement and Asset Disposal.

Name of Authorized signatory.....

Sign.....

Position.....

Office address..... Telephone.....

E-mail.....

Name of the Firm/Company.....

Date.....

(Company Seal/ Rubber Stamp where applicable)

Witness

Name

Sign.....

Date.....

APPENDIX I- FRAUD AND CORRUPTION

(Appendix I shall not be modified)

1. Purpose

- 1.1 The Government of Kenya's Anti-Corruption and Economic Crime laws and their sanction's policies and procedures, Public Procurement and Asset Disposal Act (no. 33 of 2015) and its Regulation, and any other Kenya's Acts or Regulations related to Fraud and Corruption, and similar offences, shall apply with respect to Public Procurement Processes and Contracts that are governed by the laws of Kenya.

2. Requirements

- 2.1 The Government of Kenya requires that all parties including Procuring Entities, Tenderers, (applicants/proposers), Consultants, Contractors and Suppliers; any Sub-contractors, Sub-consultants, Service providers or Suppliers; any Agents (whether declared or not); and any of their Personnel, involved and engaged in procurement under Kenya's Laws and Regulation, observe the highest standard of ethics during the procurement process, selection and contract execution of all contracts, and refrain from Fraud and Corruption and fully comply with Kenya's laws and Regulations as per paragraphs 1.1 above.
- 2.2 Kenya's public procurement and asset disposal act (no. 33 of 2015) under Section 66 describes rules to be followed and actions to be taken in dealing with Corrupt, Coercive, Obstructive, Collusive or Fraudulent practices, and Conflicts of Interest in procurement including consequences for offences committed. A few of the provisions noted below highlight Kenya's policy of no tolerance for such practices and behavior:
 - 1) a person to whom this Act applies shall not be involved in any corrupt, coercive, obstructive, collusive or fraudulent practice; or conflicts of interest in any procurement or asset disposal proceeding;
 - 2) A person referred to under subsection (1) who contravenes the provisions of that sub-section commits an offence;
 - 3) Without limiting the generality of the subsection (1) and (2), the person shall be—
 - a) disqualified from entering into a contract for a procurement or asset disposal proceeding; or
 - b) if a contract has already been entered into with the person, the contract shall be voidable;
 - 4) The voiding of a contract by the procuring entity under subsection (7) does not limit any legal remedy the procuring entity may have;
 - 5) An employee or agent of the procuring entity or a member of the Board or committee of the procuring entity who has a conflict of interest with respect to a procurement:-
 - a) shall not take part in the procurement proceedings;
 - b) shall not, after a procurement contract has been entered into, take part in any decision relating to the procurement or contract; and
 - c) shall not be a subcontractor for the bidder to whom was awarded contract, or a member of the group of bidders to whom the contract was awarded, but the subcontractor appointed shall meet all the requirements of this Act.
 - 6) An employee, agent or member described in subsection (1) who refrains from doing anything prohibited under that subsection, but for that subsection, would have been within his or her duties shall disclose the conflict of interest to the procuring entity;
 - 7) If a person contravenes subsection (1) with respect to a conflict of interest described in subsection (5)(a) and the contract is awarded to the person or his relative or to another person in whom one of them had a direct or indirect pecuniary interest, the contract shall be terminated and all costs incurred by the public entity shall be made good by the awarding officer. Etc.

23 In compliance with Kenya's laws, regulations and policies mentioned above, the Procuring Entity:

- a) Defines broadly, for the purposes of the above provisions, the terms set forth below as follows:
 - i) "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - ii) "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii) "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv) "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v) "obstructive practice" is:
 - deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede investigation by Public Procurement Regulatory Authority (PPRA) or any other appropriate authority appointed by Government of Kenya 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
 - acts intended to materially impede the exercise of the PPRA's or the appointed authority's inspection and audit rights provided for under paragraph 2.3 e. below.
- b) Defines more specifically, in accordance with the above procurement Act provisions set forth for fraudulent and collusive practices as follows:

"fraudulent practice" includes a misrepresentation of fact in order to influence a procurement or disposal process or the exercise of a contract to the detriment of the procuring entity or the tenderer or the contractor, and includes collusive practices amongst tenderers prior to or after tender submission designed to establish tender prices at artificial non-competitive levels and to deprive the procuring entity of the benefits of free and open competition.
- c) Rejects a proposal for award¹ of a contract if PPRA 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;
- d) Pursuant to the Kenya's above stated Acts and Regulations, may sanction or debar or recommend to appropriate authority (ies) for sanctioning and debarment of a firm or individual, as applicable under the Acts and Regulations;
- e) Requires that a clause be included in Tender documents and Request for Proposal documents requiring (i) Tenderers (applicants/proposers), Consultants, Contractors, and Suppliers, and their Sub-contractors, Sub-consultants, Service providers, Suppliers, Agents personnel, permit the PPRA or any other appropriate authority appointed by Government of Kenya to inspect² 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

PPRA or any other appropriate authority appointed by Government of Kenya;
and

- f) Pursuant to Section 62 of the above Act, requires Applicants/Tenderers to submit along with their Applications/Tenders/Proposals a “Self-Declaration Form” as included in the procurement document declaring that they and all parties involved in the procurement process and contract execution have not engaged/will not engage in any corrupt or fraudulent practices.

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

² Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Investigating Authority or persons appointed by the Procuring Entity 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.

TENDERER INFORMATION FORM

[The tenderer 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 Tender submission]*

Tender Name and Identification:..... *[Insert identification*

Alternative No.: *[insert identification No if this is a Tender for an alternative]* Page _____ of _____ pages

1. Tenderer's Name <i>[insert Tenderer'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. Tenderer's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Tenderer's year of registration: <i>[insert Tenderer's year of registration]</i>
5. Tenderer's Address in country of registration: <i>[insert Tenderer's legal address in country of registration]</i>
6. Tenderer'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> ☐ For Kenyan Tenderers a current tax clearance certificate or tax exemption certificate issued by the Kenya Revenue Authority in accordance with ITT 3.14. ☐ Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITT 3.4. ☐ In case of JV, letter of intent to form JV or JV agreement, in accordance with ITT 3.1. ☐ In case of state-owned enterprise or institution, in accordance with ITT 4.6 documents establishing: (i) Legal and financial autonomy (ii) Operation under commercial law (iii) Establishing that the tenderer is not under the supervision of the Procuring Entity 2. Included are the organizational chart and a list of Board of Directors

TENDERER'S ELIGIBILITY- CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

a) Instruction to Tenderer

Tender is instructed to complete the particulars required in this Form, *one form for each entity if Tender is a JV*. Tenderer is further reminded that it is an offence to give false information on this Form.

A. Tenderer's details

	ITEM	DESCRIPTION
1	Name of the Procuring Entity	
2	Name of the Tenderer	
3	Full Address and Contact Details of the Tenderer.	1. Country 2. City 3. Location 4. Building 5. Floor 6. Postal Address 7. Name and email of contact person.
4	Reference Number of the Tender	
5	Date and Time of Tender Opening	
6	Current Trade License No and Expiring date	
7	Maximum value of business which the Tenderer handles.	
8		

General and Specific Details

b) Sole Proprietor, provide the following details.

Name in full _____

Age _____ Nationality _____

Country of Origin _____ Citizenship _____

c) Partnership, provide the following details.

	Names of Partners	Nationality	Citizenship	% Shares owned
1				
2				
3				

(d) Registered Company, provide the following details.

i) Private or public Company _____

ii) State the nominal and issued capital of the Company-

Nominal Kenya Shillings (Equivalent)
 Issued Kenya Shillings (Equivalent)

iii) Give details of Directors as follows.

	Names of Director	Nationality	Citizenship	% Shares owned
1				
2				
3				

(e) DISCLOSURE OF INTEREST- Interest of the Firm in the Procuring Entity.

(i) Are there any person/persons in (Name of Procuring Entity) who has an interest or relationship in this firm? Yes/No.....

If yes, provide details as follows.

	Names of Person	Designation in the Procuring Entity	Interest Relationship or with Tenderer
1			
2			
3			

(ii) Conflict of interest disclosure

	Type of Conflict	Disclosure YES OR NO	If YES provide details of the relationship with Tenderer
1	Tenderer is directly or indirectly controlled by or is under common control with another tenderer.		
2	Tenderer receives or has received any direct or indirect subsidy from another tenderer.		
3	Tenderer has the same legal representative as another tenderer		
4	Tender has a relationship with another tenderer, directly or through common third parties that puts it in a position to influence the tender of another tenderer, or influence the decisions of the Procuring Entity regarding this tendering process.		
5	Any of the Tenderer's affiliates participated as a consultant in		

	Type of Conflict	Disclosure YES OR NO	If YES provide details of the relationship with Tenderer
	the preparation of the design or technical specifications of the works that are the subject of the tender.		
6	Tenderer would be providing goods, works, non-consulting services or consulting services during implementation of the contract specified in this Tender Document.		
7	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who are directly or indirectly involved in the preparation of the Tender document or specifications of the Contract, and/or the Tender evaluation process of such contract.		
8	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who would be involved in the implementation or supervision of the Contract.		
9	Has the conflict stemming from such relationship stated in item 7 and 8 above been resolved in a manner acceptable to the Procuring Entity throughout the tendering process and execution of the Contract?		

(f) Certification

On behalf of the Tenderer, I certify that the information given above is correct.

Full Name _____

Title or Designation _____

(Signature)

(Date)

TENDERER'S JV MEMBERS INFORMATION FORM

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

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

Tender Name and Identification:.....*[insert identification Alternative No.:.....[insert identification No if this is a Tender for an alternative].*

Page_____of_____pages

1. <i>[insert Tenderer's legal name]</i>	Tenderer's Name:
2. Tenderer's JV Member's name: <i>[insert JV's Member legal name]</i>	
3. Tenderer's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>	
4. Tenderer's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>	
5. Tenderer's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i>	
6. Tenderer'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> ☐ Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITT 4.4. ☐ 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 Procuring Entity, in accordance with ITT 4.6.	
8. Included are the organizational chart and a list of Board of Directors	

Price Schedule: Goods Manufactured Outside Kenya, to be Imported

(Group C Tenders, goods to be imported) Currencies in accordance with ITT 15						Date: _____ ITT No: _____		
						Alternative No: _____ Page N° _____ of _____		
1	2	3	4	5	6	7	8	9
Lot N°	Description of Goods	Country of Origin	Delivery Date as defined by Incoterm s	Quantity and physical unit	Unit price CIP <i>[insert place of destination]</i> in accordance with ITT 14.8(b)(i)	CIP Price per line item (Col. 5x6)	Price per line item for inland transportation and other services required in Kenya to convey the Goods to their final destination specified in TDS	Total Price per Line item (Col. 7+8)
<i>[insert numbe r 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 CIP per unit]</i>	<i>[insert total CIP 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 tenderer *[insert complete name of tenderer]* Signature of tenderer *[signature of person signing the Tender]* Date *[Insert Date]*

Price Schedule: Goods Manufactured Outside Kenya, already imported*

(Group C Tenders, Goods already imported) Currencies in accordance with ITT 15										Date: _____ ITT No: _____ Alternative No: _____ Page N° _____ of _____	
1	2	3	4	5	6	7	8	9	10	11	12
Lot N°	Descripti on of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price including Custom Duties and Import Taxes paid, in accordance with ITT 14.8(c)(i)	Custom Duties and Import Taxes paid per unit in accordance with ITT 14.8(c)(ii), [to be supported by documents]	Unit Price net of custom duties and import taxes, in accordance with ITT 14.8 (c) (iii) (Col. 6 minus Col.7)	Price per line item net of Custom Duties and Import Taxes paid, in accordance with ITT 14.8(c)(i) (Col. 5×8)	Price per line item for inland transportation and other services required in Kenya to convey the goods to their final destination, as specified in TDS in accordance with ITT 14.8 (c)(v)	Sales and other taxes paid or payable per item if Contract is awarded (in accordance with ITT 14.8(c)(iv)	Total Price per line item (Col. 9+10)
[insert number of the item]	[insert name of Goods]	[insert country of origin of the Good]	[insert quoted Delivery Date]	[insert number of units to be supplied and name of the physical unit]	[insert unit price per unit]	[insert custom duties and taxes paid per unit]	[insert unit price net of custom duties and import taxes]	[insert price per line item net of custom duties and import taxes]	[insert price per line item for inland transportation and other services required in Kenya]	[insert sales and other taxes payable per item if Contract is awarded]	[insert total price per line item]
Total Tender Price											

Name of tenderer [insert complete name of tenderer] Signature of tenderer [signature of person signing the Tender] Date [insert date]

* [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 Procuring Entity. For clarity, the tenderers 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.]

Price Schedule: Goods Manufactured in Kenya

Kenya		(Group A and B Tenders) Currencies in accordance with ITT 15						Date: _____ ITT No: _____ Alternative No: _____ Page N° _____ of _____	
1	2	3	4	5	6	7	8	9	10
Lot N°	Description of Goods	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price EXW	Total EXW price per line item (Col. 4×5)	Price per line item for inland transportation and other services required in Kenya to convey the Goods to their final destination	Cost of local labor, raw materials and components from within origin in Kenya % of Col. 5	Sales and other taxes payable per line item if Contract is awarded (in accordance with ITT 14.8(a)(ii))	Total Price per line item (Col. 6+7)
[insert number of the item]	[insert name of Good]	[insert quoted Delivery Date]	[insert number of units to be supplied and name of the physical unit]	[insert EXW unit price]	[insert total EXW price per line item]	[insert the corresponding price per line item]	[Insert cost of local labor, raw material and components from within the Purchase's country as a % of the EXW price per line item]	[insert sales and other taxes payable per line item if Contract is awarded]	[insert total price per item]
								Total Price	

Name of tenderer [insert complete name of tenderer] Signature of tenderer [signature of person signing the Tender] Date [insert date]

Price and Completion Schedule - Related Services

Currencies in accordance with ITT 15					Date: _____ ITT _____ 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 Kenya 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>
Total Tender Price						

Name of tenderer *[insert complete name of tenderer]* Signature of tenderer *[signature of person signing the Tender]* Date *[insert date]*

FORM OF TENDER SECURITY-[Option I–Demand Bank Guarantee]

Beneficiary: _____

Request for Tenders No: _____

Date: _____

TENDER GUARANTEE No.: _____

Guarantor: _____

1. We have been informed that _____ (here inafter called "the Applicant") has submitted or will submit to the Beneficiary its Tender (here inafter called " the Tender") for the execution of _____ under Request for Tenders No. _____ ("the ITT").
2. Furthermore, we understand that, according to the Beneficiary's conditions, Tenders must be supported by a Tender guarantee.
3. At the request of the Applicant, 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 Tender during the period of Tender validity set forth in the Applicant's Letter of Tender ("the Tender Validity Period"), or any extension thereto provided by the Applicant; or
 - b) having been notified of the acceptance of its Tender by the Beneficiary during the Tender Validity Period or any extension there to provided by the Applicant, (i) has failed to execute the framework agreement, or (ii) has failed to furnish the Performance.
4. This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the framework agreement signed by the Applicant and the Performance Security and, or (b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Tendering process; or (ii) thirty days after the end of the Tender Validity Period.
5. Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

[signature(s)]

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

FORMAT OF TENDER SECURITY [Option 2–Insurance Guarantee]

TENDER GUARANTEE No.: _____

1. Whereas [*Name of the tenderer*] (hereinafter called “the tenderer”) has submitted its tender dated [*Date of submission of tender*] for the [*Name and/or description of the tender*] (hereinafter called “the Tender”) for the execution of _____ under Request for Tenders No. _____ (“the ITT”).
2. KNOW ALL PEOPLE by these presents that WE of [**Name of Insurance Company**] having our registered office at (hereinafter called “the Guarantor”), are bound unto [*Name of Procuring Entity*] (hereinafter called “the Procuring Entity”) in the sum of (Currency and guarantee amount) for which payment well and truly to be made to the said Procuring Entity, the Guarantor binds itself, its successors and assigns, jointly and severally, firmly by these presents.

Sealed with the Common Seal of the said Guarantor this ____ day of _____ 20 ____.

3. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Applicant:
 - a) has withdrawn its Tender during the period of Tender validity set forth in the Principal's Letter of Tender (“the Tender Validity Period”), or any extension thereto provided by the Principal; or
 - b) having been notified of the acceptance of its Tender by the Procuring Entity during the Tender 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 tenderers (“ITT”) of the Procuring Entity's Tendering document.

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

4. This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the contract agreement signed by the Applicant and the Performance Security and, or (b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Tendering process; or (ii) twenty-eight days after the end of the Tender Validity Period.
5. Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

[Date]

[Signature of the Guarantor]

[Witness]

[Seal]

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



FORM OF TENDER-SECURING DECLARATION

[The Bidder shall complete this Form in accordance with the instructions indicated]

Date:.....*[insert date (as day, month and year) of Tender Submission]*

Tender No.:..... *[Insert number of tendering process]*

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Tender-Securing Declaration.
2. I/We accept that I/we will automatically be suspended from being eligible for tendering in any contract with the Purchaser for the period of time of*[insert number of months or years]* starting on*[insert date]*, if we are in breach of our obligation(s) under the bid conditions, because we – (a) have withdrawn our tender during the period of tender validity specified by us in the Tendering Data Sheet; 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 execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the instructions to tenders.
3. I/We understand that this Tender Securing Declaration shall expire if we are not the successful Tenderer(s), upon the earlier of:
 - a) our receipt of a copy of your notification of the name of the successful Tenderer; or
 - b) thirty days after the expiration of our Tender.
4. I/We understand that if I am/we are/in a Joint Venture, the Tender Securing Declaration must be in the name of the Joint Venture that submits the bid, and the Joint Venture has not been legally constituted at the time of bidding, the Tender Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed:.....

Capacity / title (director or partner or sole proprietor, etc.)
.....

Name:

Duly authorized to sign the bid for and on behalf of:*[insert complete name of Tenderer]*. Dated on day of..... *[Insert date of signing]*.

Seal or stamp.

MANUFACTURER'S AUTHORIZATION FORM

*[The tenderer 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 tenderer shall include it in its Tender, if so indicated in the **TDS**.]*

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

ITT No.:.....*[insert number of ITT*

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

To: *[Insert complete name of Procuring Entity]*

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 tenderer]* to submit a Tender 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.

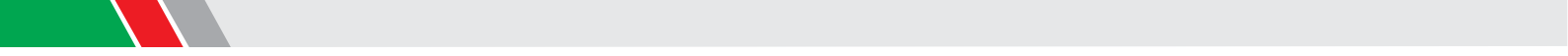
Signed:..... *[Insert signature(s) of authorized representative(s) of the Manufacturer]*

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

Title:..... *[Insert title]*

Dated on _____ day of _____, _____ *[insert date of signing]*

PART 2: SUPPLY REQUIREMENTS



Section V - Schedule of Requirements

1. List of Goods and Delivery Schedule

Item No.	Description of Goods	Unit of Issue	Model/ Brand	Country of Origin	Delivery (as per Incoterms) Date		
					Earliest Delivery Date	Latest Delivery Date	Unit Price
				As indicated in the order	Day of order	90 days after order	
1.	Laptop Type 1	Pc		“	“	“	
2.	Laptop Type 2	Pc		“	“	“	
3.	LAPTOP TYPE 3(i)	Pc		“	“	“	
4.	LAPTOP TYPE 3(ii)	Pc		“	“	“	
5.	LAPTOP TYPE 3(iii)	Pc		“	“	“	
6.	Laptop Type 4	Pc		“	“	“	
7.	Laptop Type 5	Pc		“	“	“	
8.	Laptop Type 6	Pc		“	“	“	
9.	LAPTOP Type 7(i)	Pc		“	“	“	
10.	LAPTOP Type 7(ii)	Pc		“	“	“	
11.	Desktop Computer Type 1	Pc		“	“	“	
12.	Desktop Computer Type 2	Pc		“	“	“	
13.	Desktop Computer Type 3	Pc		“	“	“	
14.	Desktop Computer Type 4	Pc		“	“	“	
15.	Desktop Computer Type 5	Pc		“	“	“	
16.	CCTV Camera Type 1	Pc		“	“	“	
17.	CCTV Camera Type 2	Pc		“	“	“	
18.	CCTV Camera Type 3	Pc		“	“	“	
19.	CCTV Camera Type 4	Pc		“	“	“	
20.	Mobile Phone Type 1 (i)	Pc		“	“	“	
21.	Mobile Phone Type 1 (ii)	Pc		“	“	“	
22.	Mobile Phone Type 2	Pc		“	“	“	
23.	Mobile Phone Type 3	Pc		“	“	“	
24.	Mobile Phone Type 4	Pc		“	“	“	
25.	Printers Type 1	Pc		“	“	“	
26.	Printers Type 2	Pc		“	“	“	
27.	Printers Type 3	Pc		“	“	“	
28.	Printers Type 3	Pc		“	“	“	
29.	Printers Type 4	Pc		“	“	“	
30.	Printers Type 5	Pc		“	“	“	
31.	Printers Type 6	Pc		“	“	“	

32.	Television Type 1	Pc			“	“	“	
33.	Television Type 2	Pc			“	“	“	
34.	Television Type 3	Pc			“	“	“	
35.	Television Type 4	Pc			“	“	“	
36.	Television Type 5	Pc			“	“	“	
37.	Television Type 6	Pc			“	“	“	
38.	Router Type 1	Pc			“	“		
39.	Router Type 2	Pc			“	“		
40.	Router Type 3	Pc			“	“	“	
41.	Router Type 4	Pc			“	“	“	
42.	Server Cabinet Type 1	Pc			“	“	“	
43.	Server Cabinet Type 2	Pc			“	“	“	
44.	Server Cabinet Type 3	Pc			“	“	“	
45.	Server Cabinet Type 4	Pc			“	“	“	
46.	Switch Type 1	Pc			“	“	“	
47.	Switch Type 2	Pc			“	“	“	
48.	Switch Type 3	Pc			“	“	“	
49.	Switch Type 4	Pc			“	“	“	
50.	Switch Type 5	Pc			“	“	“	
51.	Switch Type 6	Pc			“	“	“	
52.	Tablets Type 1	Pc			“	“	“	
53.	Tablets Type 2	Pc			“	“	“	
54.	Tablets Type 3	Pc			“	“	“	
55.	Tablets Type 4	Pc			“	“	“	
56.	Hard Disks 512TB	Pc			“	“	“	
57.	Hard Disks 1TB	Pc			“	“	“	
58.	Hard Disks 2TB	Pc			“	“	“	
59.	Hard Disks 4TB	Pc			“	“	“	
60.	Kaspersky Anti-Virus	Pc			“	“	“	
61.	Microsoft Windows License	Pc			“	“	“	
62.	Microsoft Office License	Pc			“	“	“	
63.	Microsoft Office License (Mac)	Pc			“	“	“	
64.	Antivirus License	Pc			“	“	“	
65.	PDF Software	Pc			“	“	“	
66.	Desktop Uninterruptible Power Supply (Ups) Type 1	Pc			“	“	“	
67.	Desktop Uninterruptible Power Supply (Ups) Type 2	Pc			“	“	“	
68.	Desktop Uninterruptible Power Supply (Ups) Type 3	Pc			“	“	“	
69.	Desktop Uninterruptible Power Supply (Ups) Type 4	Pc			“	“	“	

70.	Flatbed Scanners	Pc			“	“	“	
71.	Projector Type 1	Pc			“	“	“	
72.	Projector Type 2	Pc			“	“	“	
73.	Projector Board	Pc			“	“	“	
74.	Printer Cable	Pc			“	“	“	
75.	Walkie Talkie	Pc			“	“	“	
76.	Television Set 32	Pc			“	“	“	
77.	Television Set 43	Pc			“	“	“	
78.	Television Set 55	Pc			“	“	“	
79.	Monopod	Pc			“	“	“	
80.	Tripod	pc			“	“	“	
81.	Shot Gun Microphone	Pc			“	“	“	
82.	HDMI 2VGA Adaptor	Pc			“	“	“	
83.	HDMI Extender	Pc			“	“	“	
84.	HDMI Cable 1m	Pc			“	“	“	
85.	HDMI Cable 3m	Pc			“	“	“	
86.	HDMI Cable 10m	Pc			“	“	“	
87.	Ip Based Desktop Handset Phone	Pc			“	“	“	
88.	Pole Switch	Pc			“	“	“	
89.	Flash Disk 8GB	Pc			“	“	“	
90.	Flash Disk 16GB	Pc			“	“	“	
91.	Flash Disk 32 GB	Pc			“	“	“	
92.	Flash Disk 64 GB	Pc			“	“	“	
93.	4-Way Extension Cable	Pc			“	“	“	
94.	5-Way Extension Cable	Pc			“	“	“	
95.	Power Cable	Pc			“	“	“	
96.	Laptop Battery	Pc			“	“	“	
97.	Drone	Pc			“	“	“	
98.	Stabilizer/ Gimbal	Pc			“	“	“	
99.	Teleprompter	Pc			“	“	“	
100.	Yolo box Pro	Pc			“	“	“	
101.	Wireless Video Transmitter	Pc			“	“	“	
102.	SD Card 64gb	Pc			“	“	“	
103.	SD Cards 32gb				“	“	“	
104.	Speedlight	Pc			“	“	“	
105.	Media Equipment Flight Case	Pc			“	“	“	
106.	Speedlight Diffusers	Pc			“	“	“	
107.	Reflector Screens with Stand	Pc			“	“	“	
108.	My book Charger	Pc			“	“	“	
109.	CAT6 UTP Indoor Cable 305 m Box	Pc			“	“	“	
110.	CAT6 Outdoor Cable 305 m Box	Pc			“	“	“	
111.	CAT6 Shielded (STP) Cable 305 m	Pc			“	“	“	

	Box						
112.	CAT6 Patch Cords 1m	Pc		“	“	“	
113.	CAT6 Patch Cords 2m	Pc		“	“	“	
114.	CAT6 Patch Cords 3m	Pc		“	“	“	
115.	CAT6 Patch Cords 5m	Pc		“	“	“	
116.	CAT6 Patch Cords 10m	Pc		“	“	“	
117.	RJ45 Connectors Pack of 1000 Pieces	Pc		“	“	“	
118.	RJ45 Boots Assorted Colours	Pc		“	“	“	
119.	RJ45 Keystone Jacks CAT6	Pc		“	“	“	
120.	Faceplates Single port	Pc		“	“	“	
121.	Faceplates double port	Pc		“	“	“	
122.	Patch Panels 24-port	Pc		“	“	“	
123.	Patch Panels 48-port	Pc		“	“	“	
124.	Network Tester-Cable Tester	Pc		“	“	“	
125.	Punch Down-Tool Professional Grade	Pc		“	“	“	
126.	Crimping Tool RJ45/RJ11	Pc		“	“	“	
127.	Cable Stripper-Universal	Pc		“	“	“	
128.	Cable Ties 100mm	Pc		“	“	“	
129.	Cable Ties 150mm	Pc		“	“	“	
130.	Cable Ties 200mm	Pc		“	“	“	
131.	Velcro Cable Straps assorted sizes	Pc		“	“	“	
132.	Surge Protectors-4 way	Pc		“	“	“	
133.	Surge Protectors-6 way	Pc		“	“	“	
134.	Surge Protectors-8 way	Pc		“	“	“	
135.	Extension Cables-4 way	Pc		“	“	“	
136.	Extension Cables 6-way	Pc		“	“	“	
137.	Extension Cables 8-way	Pc		“	“	“	
138.	Power Distribution Units (PDU)-6 way	Pc		“	“	“	
139.	Power Distribution Units (PDU)-8 way	Pc		“	“	“	
140.	Power Distribution Units (PDU)-12 way	Pc		“	“	“	
141.	Power Cables- Desktop IEC C13/C14	Pc		“	“	“	
142.	Laptop Power Cords	Pc		“	“	“	
143.	Monitor Power Cables- IEC Standard	Pc		“	“	“	
144.	Kettle Power Cables- IEC C13	Pc		“	“	“	
145.	UPS Power Cables- IEC Standard	Pc		“	“	“	

146.	DisplayPort Cable-1.5m	Pc			“	“	“	
147.	DisplayPort Cable-3m	Pc			“	“	“	
148.	Mini DisplayPort Cable- Standard	Pc			“	“	“	
149.	VGA Cable-1.5m	Pc			“	“	“	
150.	VGA Cable-3m	Pc			“	“	“	
151.	VGA Cable-5m	Pc			“	“	“	
152.	DVI Cable -single link	Pc			“	“	“	
153.	DVI Cable – double link	Pc			“	“	“	
154.	USB-C Display Cable- USB-C to HDMI/DP	Pc			“	“	“	
155.	USB Extension Cable-USB 2.0	Pc			“	“	“	
156.	USB Extension Cable-USB 3.0	Pc			“	“	“	
157.	USB Hub-4 port	Pc			“	“	“	
158.	USB Hub-7 port	Pc			“	“	“	
159.	USB-C Hub-multiport	Pc			“	“	“	
160.	Wired Keyboard	Pc			“	“	“	
161.	Wireless Keyboard- 2.4GHz/Bluetooth	Pc			“	“	“	
162.	Laptop Keyboard- Brand Specific	Pc			“	“	“	
163.	Wired Mouse- USB Optical	Pc			“	“	“	
164.	Wireless Mouse- 2.4GHz/Bluetooth	Pc			“	“	“	
165.	Mouse Pads- Standard	Pc			“	“	“	
166.	Mouse Pads- Ergonomic	Pc			“	“	“	
167.	USB Printer Cable- USB A to USB B	Pc			“	“	“	
168.	Printer Power Cable- IEC Standard	Pc			“	“	“	
169.	Printer Maintenance Kit- Brand Specific	Pc			“	“	“	
170.	Printer Rollers- Brand Specific	Pc			“	“	“	
171.	Printer Fuser Units- Brand Specific	Pc			“	“	“	
172.	Printer Imaging Units- Brand Specific	Pc			“	“	“	
173.	Printer Toners- Original/OEM	Pc			“	“	“	
174.	Ink Bottles/Cartridges- Brand Specific	Pc			“	“	“	
175.	Laptop Chargers- Brand Specific	Pc			“	“	“	
176.	Universal Laptop Charger- Multi-tip	Pc			“	“	“	
177.	CMOS Batteries- CR2032	Pc			“	“	“	
178.	Thermal Paste- CPU Grade	Pc			“	“	“	
179.	Cleaning Kit- Screen & Keyboard	Pc			“	“	“	

	Cleaning						
180.	Compressed Air Duster- Aerosol	Pc		“	“	“	
181.	Precision Screwdriver Set- Laptop Repair Kit	Pc		“	“	“	
182.	Professional Toolkit- Desktop/Server Assembly	Pc		“	“	“	
183.	Electric Screwdriver Kit- Rechargeable	Pc		“	“	“	
184.	Anti-Static Wrist Strap- ESD Protection	Pc		“	“	“	
185.	Anti-Static Mat-ESD safe	Pc		“	“	“	
186.	Tweezers Set- Precision	Pc		“	“	“	
187.	Multimeter-digital	Pc		“	“	“	
188.	HDMI to VGA Adapter- Active	Pc		“	“	“	
189.	VGA to HDMI Adapter- Active	Pc		“	“	“	
190.	USB to Ethernet Adapter-gigabit	Pc		“	“	“	
191.	USB-C to HDMI Adapter-4K	Pc		“	“	“	
192.	DisplayPort to HDMI Adapter- standard	Pc		“	“	“	
193.	Access Points- Indoor	Pc		“	“	“	
194.	Access Points- Outdoor	Pc		“	“	“	
195.	Network Cabinets-6U	Pc		“	“	“	
196.	Network Cabinets-9U	Pc		“	“	“	
197.	Network Cabinets-12U	Pc		“	“	“	
198.	Network Cabinets-22U	Pc		“	“	“	
199.	Network Cabinets-42U	Pc		“	“	“	
200.	UPS Replacement Batteries-7Ah,	Pc		“	“	“	
201.	UPS Replacement Batteries-9Ah	Pc		“	“	“	
202.	UPS Replacement Batteries-12Ah	Pc		“	“	“	
203.	Inverter Batteries-100Ah	Pc		“	“	“	
204.	Inverter Batteries-200Ah	Pc		“	“	“	
205.	Desktop Power Supply (PSU)	Pc		“	“	“	
206.	CPU Cooling Fan- Intel & AMD Compatible	Pc		“	“	“	
207.	Laptop Cooling Pad- Dual Fan	Pc		“	“	“	
208.	Laptop Cooling Pad- Quad Fan	Pc		“	“	“	
209.	CMOS Battery- CR2032	Pc		“	“	“	

210.	Blank DVDs- DVD-R	Pc		“	“	“	
211.	Blank DVDs- DVD+R	Pc		“	“	“	
212.	Blank CDs-CDR	Pc		“	“	“	
213.	External DVD Writer-USB	Pc		“	“	“	
214.	Labels & Cable Tags-Self Adhesive	Pc		“	“	“	
215.	Velcro Straps- Cable Management	Pc		“	“	“	
216.	Monitor Cleaning Cloth- Microfiber	Pc		“	“	“	
217.	Screen Privacy Filters- Laptop & Monitor Sizes	Pc		“	“	“	
218.	Canon R6 V Mirrorless	pc		“	“	“	
219.	Canon R6 Mirrorless	pc		“	“	“	
220.	Canon R3 Mirrorless	pc		“	“	“	
221.	Canon R100 Mirrorless	pc		“	“	“	
222.	Canon R6 Mark III Mirrorless	pc		“	“	“	
223.	Canon R5 C Mirrorless	pc		“	“	“	

Name of tenderer

Signature of tenderer

Date

2. List of Related Services and Completion Schedule

Service	Description of Service	Quantity ¹	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
<i>[insert Service No]</i>	<i>[insert description of Related Services]</i>	<i>[insert quantity of items to be supplied]</i>	<i>[insert physical unit for the items]</i>	<i>[insert name of the Place]</i>	<i>[insert required Completion Date(s)]</i>

¹If applicable

Technical Specifications

× See the attached specifications



RECOMMENDED MINIMUM SPECIFICATIONS
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LAPTOP TYPE 1

Specification	Details
Processor (CPU)	Apple M5 Pro Chip, 15-Core CPU (5 Performance Cores + 10 Efficiency Cores)
Graphics (GPU)	16-Core Apple GPU with Hardware-Accelerated Ray Tracing
Neural Engine	16-Core Neural Engine
Memory (RAM)	24GB Unified Memory
Storage	1TB PCIe NVMe SSD
Display Size	14.2-inch Liquid Retina XDR Display
Display Resolution	3024 × 1964 Pixels
Refresh Rate	ProMotion Technology (Adaptive Refresh Rate up to 120Hz)
Display Features	True Tone, Wide Colour (P3), HDR, 1 Billion Colours, Up to 1600 nits Peak HDR Brightness
Operating System	Latest macOS Pre-installed
Wireless Connectivity	Wi-Fi 7 (802.11be), Bluetooth 6
Camera	12MP Center Stage Camera with 1080p FaceTime HD
Audio	Six-Speaker High-Fidelity Sound System with Spatial Audio and Dolby Atmos
Microphones	Studio-Quality Three-Microphone Array
Ports	3 × Thunderbolt 5 (USB-C), HDMI, SDXC Card Slot, MagSafe 3, 3.5mm Headphone Jack
Keyboard	Backlit Magic Keyboard with Touch ID
Trackpad	Force Touch Trackpad
Battery	72.4Wh Lithium-Polymer Battery, Up to 22 Hours Video Playback
Charging	USB-C Fast Charging with MagSafe 3 Charger
Microsoft Office	Microsoft Office 2021 for Mac (Licensed Product Key Included)
Antivirus	Latest Kaspersky Premium for Mac (1-Year Licensed Subscription)
Wireless Mouse	Wireless Optical Mouse Included
Accessories Included	USB-C Power Adapter, USB-C to MagSafe 3 Charging Cable, Wireless Mouse, USB Type-C Hub, User Documentation
Warranty	1-Year Manufacturer's Warranty
ALL ORIGINAL MEDIA KIT, ACCESSORIES, DOCUMENTATION, AND GENUINE SOFTWARE LICENSES TO BE INCLUDED DURING DELIVERY AND SUBJECT TO AUTHENTICATION BEFORE ACCEPTANCE.	



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LAPTOP TYPE 2

ITEM	SPECIFICATION
PROCESSOR	Intel® Core™ Ultra 7 155U Processor
PREINSTALLED OS	Windows 11 Pro Activated
PROCESSOR / CHIPSET	Intel® Core™ Ultra 7 155U (up to 4.8 GHz, 12 MB Intel® Smart Cache, 12 Cores, 14 Threads) with Intel® AI Boost NPU
GRAPHIC PROCESSOR	Intel® Graphics
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 12 MB Intel® Smart Cache
RAM	Memory Speed: LPDDR5x 6400 MHz
	Memory Specification Compliance: LPDDR5x
	Technology: LPDDR5x SDRAM
	Installed RAM Size: 32 GB LPDDR5x (Onboard)
	Rated Memory Speed: 6400 MHz
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (Non-Condensing)
DISPLAY	LCD Backlight Technology: LED Backlit IPS
	Widescreen Display: Yes
	Image Aspect Ratio: 16:10
	Monitor Features: Anti-Glare, Low Power, Low Blue Light, 100% sRGB, TÜV Rheinland Certified
	Pixels: 1920 × 1200
	Diagonal Size: 14.0 Inches
	Display Resolution: 14-inch WUXGA (1920 × 1200)
	IPS Display
	Brightness: 400 nits
	Touch Screen: No
	360° Rotation: No
AUDIO & VIDEO	Graphics Processor: Intel® Graphics
	Integrated Webcam: Full HD 1080p IR Camera with Privacy Shutter
	Sound: Dolby Atmos® Speaker System
	Audio Processing: Dolby Voice®
STORAGE	1 TB PCIe Gen4 NVMe M.2 SSD
INPUT	Type: Spill-Resistant Backlit ThinkPad Keyboard
	Localization & Layout: US English
	Features: Precision Touchpad, TrackPoint®, Multi-touch Gesture Support
COMMUNICATIONS	Wireless Protocol: Wi-Fi 6E (802.11ax), Bluetooth® 5.3
	Wireless Controller: Intel® Wi-Fi 6E AX211
	Features: Wake-on-LAN (WOL), Modern Standby
PROCESSOR	CPU Type: Intel® Core™ Ultra 7 155U

	Manufacturer: Intel®
BATTERY	Capacity: 57 Wh Lithium-Polymer
	Cells: Integrated Battery
	Technology: Lithium-Polymer
	Run Time (Up To): Up to 15 Hours (Depending on Usage)
CHARGER	65 W USB Type-C® Power Adapter
	UK Plug (Type G) Compatible
CONNECTIONS & EXPANSION	2 × Thunderbolt™ 4 (USB-C)
	2 × USB 3.2 Gen 1 Type-A
	1 × HDMI 2.1
	1 × 3.5 mm Headphone/Microphone Combo Jack
	Memory Card Reader: USB Type-C Hub Included
NETWORKING	Intel® Wi-Fi 6E AX211 (2×2) and Bluetooth® 5.3
	Supports IEEE 802.11 a/b/g/n/ac/ax Standards
MONITOR	Diagonal Size: 14 Inches
	Image Brightness: 400 cd/m² (400 nits)
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	Laptop Bag, Wireless Optical Mouse, USB Type-C Hub
ALL ORIGINAL MEDIA KIT, ACCESSORIES, DOCUMENTATION, AND GENUINE SOFTWARE LICENSES TO BE INCLUDED DURING DELIVERY AND SUBJECT TO AUTHENTICATION BEFORE ACCEPTANCE.	



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LAPTOP TYPE 3(i)

ITEM	SPECIFICATION
PROCESSOR	Intel® Core™ Ultra 7 (15th Generation) Processor
PREINSTALLED OS	Windows 11 Home Activated
PROCESSOR / CHIPSET	Intel® Core™ Ultra 7 255H (up to 5.1 GHz, 24 MB Intel® Smart Cache, 16 Cores, 16 Threads) with Intel® AI Boost NPU
GRAPHIC PROCESSOR	Intel® Arc™ Graphics
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 24 MB Intel® Smart Cache
RAM	Memory Speed: LPDDR5x 8533 MT/s
	Memory Specification Compliance: LPDDR5x
	Technology: LPDDR5x SDRAM
	Installed RAM Size: 16 GB LPDDR5x (Onboard)
	Rated Memory Speed: 8533 MT/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (non-condensing)
DISPLAY	LCD Backlight Technology: OLED Touch Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:10
	Monitor Features: Multi-touch, Edge-to-Edge Glass, Corning Gorilla Glass, Low Blue Light, HDR Support
	Pixels: 2880 × 1800
	Diagonal Size: 14 Inches
	Display Resolution: 14-inch 2.8K OLED Touchscreen
	Refresh Rate: Up to 120 Hz
	Brightness: Up to 500 nits HDR
	Colour Gamut: 100% DCI-P3
	Touch Screen: Yes
	360° Rotation: Yes (Convertible x360 Design)
AUDIO & VIDEO	Graphics Processor: Intel® Arc™ Graphics
	Integrated Webcam: 5 MP IR Camera with Windows Hello and Privacy Shutter
	Sound: Quad Speakers Tuned by Poly Studio
	Audio Processing: DTS:X® Ultra Audio
STORAGE	1 TB PCIe Gen4 NVMe M.2 SSD

INPUT	Type: Full-size Backlit Keyboard
	Localization & Layout: US English
	Features: Precision Touchpad, Multi-touch Gesture Support
COMMUNICATIONS	Wireless Protocol: Wi-Fi 7 (802.11be), Bluetooth® 5.4
	Wireless Controller: Intel® Wi-Fi 7 BE200
	Features: Wake-on-LAN (WOL), Modern Standby
PROCESSOR	CPU Type: Intel® Core™ Ultra 7 (15th Generation)
	Manufacturer: Intel®
BATTERY	Capacity: 68 Wh Lithium-Polymer
	Cells: 4-cell
	Technology: Lithium-Polymer
	Run Time (Up To): Up to 18 Hours (Depending on Usage)
CHARGER	65 W USB Type-C® Fast Power Adapter
	UK Plug (Type G) Compatible
CONNECTIONS & EXPANSION	2 × Thunderbolt™ 4 (USB-C)
	1 × USB Type-A (10 Gbps)
	1 × HDMI 2.1
	1 × Headphone/Microphone Combo Jack
	Memory Card Reader: USB Type-C Hub Included
NETWORKING	Intel® Wi-Fi 7 BE200 (2×2) and Bluetooth® 5.4
	Supports IEEE 802.11 a/b/g/n/ac/ax/be Standards
MONITOR	Diagonal Size: 14 Inches
	Image Brightness: Up to 500 cd/m² (HDR)
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	Laptop Bag, Wireless Optical Mouse, USB Type-C Hub
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LAPTOP TYPE 3(ii)

ITEM	SPECIFICATION
PROCESSOR	Intel® Core™ Ultra 7 Processor (Series 2)
PREINSTALLED OS	Windows 11 Home Activated
PROCESSOR / CHIPSET	Intel® Core™ Ultra 7 258V (up to 4.8 GHz, 12 MB Intel® Smart Cache, 8 Cores, 8 Threads) with Intel® AI Boost NPU
GRAPHIC PROCESSOR	Intel® Arc™ Graphics 140V
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 12 MB Intel® Smart Cache
RAM	Memory Speed: LPDDR5x 8533 MT/s
	Memory Specification Compliance: LPDDR5x
	Technology: LPDDR5x SDRAM
	Installed RAM Size: 16 GB LPDDR5x (Onboard)
	Rated Memory Speed: 8533 MT/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (Non-Condensing)
DISPLAY	LCD Backlight Technology: OLED Touch Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:10
	Monitor Features: Multi-touch, Edge-to-Edge Glass, Corning Gorilla Glass 5, HDR, Low Blue Light
	Pixels: 2880 × 1800
	Diagonal Size: 14 Inches
	Display Resolution: 14-inch 2.8K OLED Touchscreen
	Refresh Rate: Variable 48–120 Hz
	Brightness: Up to 500 nits HDR
	Colour Gamut: 100% DCI-P3
	Touch Screen: Yes
	360° Rotation: Yes (Convertible Flip Design)
AUDIO & VIDEO	Graphics Processor: Intel® Arc™ Graphics 140V
	Integrated Webcam: 9 MP IR AI Camera with Windows Hello and Privacy Shutter
	Sound: Quad Speakers Tuned by Poly Studio
	Audio Processing: DTS:X® Ultra Audio
STORAGE	1 TB PCIe Gen4 NVMe M.2 SSD
INPUT	Type: Full-size Backlit Keyboard
	Localization & Layout: US English
	Features: Precision Haptic Touchpad, Multi-touch Gesture Support

COMMUNICATIONS	Wireless Protocol: Wi-Fi 7 (802.11be), Bluetooth® 5.4
	Wireless Controller: Intel® Wi-Fi 7 BE201
	Features: Wake-on-LAN (WOL), Modern Standby
PROCESSOR	CPU Type: Intel® Core™ Ultra 7
	Manufacturer: Intel®
BATTERY	Capacity: 64 Wh Lithium-Polymer
	Cells: 6-cell
	Technology: Lithium-Polymer
	Run Time (Up To): Up to 20 Hours (Depending on Usage)
CHARGER	65 W USB Type-C® Fast Charger
	UK Plug (Type G) Compatible
CONNECTIONS & EXPANSION	2 × Thunderbolt™ 4 / USB4 Type-C (40 Gbps, Power Delivery, DisplayPort™ 2.1)
	1 × USB Type-C (10 Gbps)
	1 × Headphone/Microphone Combo Jack
	Memory Card Reader: USB Type-C Hub Included
NETWORKING	Intel® Wi-Fi 7 BE201 (2×2) and Bluetooth® 5.4
	Supports IEEE 802.11 a/b/g/n/ac/ax/be Standards
MONITOR	Diagonal Size: 14 Inches
	Image Brightness: Up to 500 cd/m² (HDR)
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	Laptop Bag, Wireless Optical Mouse, USB Type-C Hub
ALL ORIGINAL MEDIA KIT, ACCESSORIES, DOCUMENTATION, RECOVERY MEDIA (WHERE APPLICABLE), AND GENUINE SOFTWARE LICENSES TO BE INCLUDED DURING DELIVERY AND WILL BE AUTHENTICATED BEFORE ACCEPTANCE.	



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LAPTOP TYPE 3(iii)

ITEM	SPECIFICATION
PROCESSOR	Apple M3 Chip
PREINSTALLED OS	Latest macOS Activated
PROCESSOR / CHIPSET	Apple M3 Chip with 8-Core CPU (4 Performance Cores + 4 Efficiency Cores), 16-Core Neural Engine
GRAPHIC PROCESSOR	Integrated 10-Core Apple GPU with Hardware-Accelerated Ray Tracing
64-BIT COMPUTING	Yes
CACHE MEMORY	Integrated High-Speed Unified Memory Architecture
RAM	Memory Speed: High-Bandwidth Unified Memory
	Memory Specification Compliance: Apple Unified Memory
	Technology: LPDDR5 Unified Memory
	Installed RAM Size: 8 GB Unified Memory
	Memory Bandwidth: 100 GB/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 0–90% (Non-Condensing)
DISPLAY	LCD Backlight Technology: LED Backlit Liquid Retina Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:10
	Monitor Features: True Tone, Wide Colour (P3), 1 Billion Colours, IPS Technology
	Pixels: 2880 × 1864
	Diagonal Size: 15.3 Inches
	Display Resolution: 15.3-inch Liquid Retina Display
	Brightness: 500 nits
AUDIO & VIDEO	Touch Screen: No
	360° Rotation: No
	Graphics Processor: 10-Core Apple GPU
	Integrated Webcam: 1080p FaceTime HD Camera
	Sound: Six-Speaker Sound System with Spatial Audio and Dolby Atmos
STORAGE	Audio Processing: Spatial Audio with Dynamic Head Tracking
	512 GB PCIe NVMe SSD
INPUT	Type: Backlit Magic Keyboard

	Localization & Layout: US English
	Features: Force Touch Trackpad, Touch ID Fingerprint Sensor
COMMUNICATIONS	Wireless Protocol: Wi-Fi 6E (802.11ax), Bluetooth® 5.3
	Wireless Controller: Apple Wireless Module
	Features: AirDrop, Handoff, Continuity
PROCESSOR	CPU Type: Apple M3
	Manufacturer: Apple
BATTERY	Capacity: 66.5 Wh Lithium-Polymer
	Cells: Integrated Battery
	Technology: Lithium-Polymer
	Run Time (Up To): Up to 18 Hours
CHARGER	35 W Dual USB-C Port Compact Power Adapter with MagSafe 3 Charging Cable
	UK Plug (Type G) Compatible
CONNECTIONS & EXPANSION	2 × Thunderbolt / USB 4 (USB-C)
	1 × MagSafe 3 Charging Port
	1 × 3.5 mm Headphone Jack
	Memory Card Reader: USB Type-C Hub Included
NETWORKING	Wi-Fi 6E (802.11ax) and Bluetooth® 5.3
	Supports IEEE 802.11 a/b/g/n/ac/ax Standards
MONITOR	Diagonal Size: 15.3 Inches
	Image Brightness: 500 cd/m² (500 nits)
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium for Mac (1 Year Activated – 365 Days)
OFFICE	Microsoft Office for Mac 2021 or Higher Activated (Genuine License Key Included)
PERIPHERALS	Laptop Bag, Wireless Optical Mouse, USB Type-C Hub
ALL ORIGINAL ACCESSORIES, DOCUMENTATION, GENUINE SOFTWARE LICENSES, AND ORIGINAL MEDIA KIT (WHERE APPLICABLE) TO BE INCLUDED DURING DELIVERY AND WILL BE AUTHENTICATED BEFORE ACCEPTANCE.	



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LAPTOP TYPE 4

ITEM	SPECIFICATION
PROCESSOR	Intel® Core™ Ultra 7 155U Processor
PREINSTALLED OS	Windows 11 Home Activated
PROCESSOR / CHIPSET	Intel® Core™ Ultra 7 155U (up to 4.8 GHz, 12 MB Intel® Smart Cache, 12 Cores, 14 Threads) with Intel® AI Boost NPU
GRAPHIC PROCESSOR	Intel® Graphics
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 12 MB Intel® Smart Cache
RAM	Memory Speed: LPDDR5x 6400 MT/s
	Memory Specification Compliance: LPDDR5x
	Technology: LPDDR5x SDRAM
	Installed RAM Size: 16 GB LPDDR5x (Onboard)
	Rated Memory Speed: 6400 MT/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (Non-Condensing)
DISPLAY	LCD Backlight Technology: LED Backlit IPS Touch Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:10
	Monitor Features: Multi-touch, IPS, Anti-Glare, TÜV Rheinland Low Blue Light Certified
	Pixels: 1920 × 1200
	Diagonal Size: 14 Inches
	Display Resolution: 14-inch WUXGA (1920 × 1200)
	Full HD+ IPS Touchscreen
	Brightness: 300 nits
	Colour Gamut: 45% NTSC
	Touch Screen: Yes
	360° Rotation
AUDIO & VIDEO	Graphics Processor: Intel® Graphics
	Integrated Webcam: Full HD 1080p IR Camera with Privacy Shutter
	Sound: Dolby Atmos® Stereo Speakers
	Audio Processing: Dolby Atmos®
STORAGE	1 TB PCIe Gen4 NVMe M.2 SSD
INPUT	Type: Backlit Keyboard
	Localization & Layout: US English
	Features: Precision Touchpad, Multi-touch Gesture Support

COMMUNICATIONS	Wireless Protocol: Wi-Fi 6E (802.11ax), Bluetooth® 5.3
	Wireless Controller: Intel® Wi-Fi 6E AX211
	Features: Wake-on-LAN (WOL), Modern Standby
PROCESSOR	CPU Type: Intel® Core™ Ultra 7 155U
	Manufacturer: Intel®
BATTERY	Capacity: 71 Wh Lithium-Polymer
	Cells: 4-cell
	Technology: Lithium-Polymer
	Run Time (Up To): Up to 16 Hours (Depending on Usage)
CHARGER	65 W USB Type-C® Fast Charger
	UK Plug (Type G) Compatible
CONNECTIONS & EXPANSION	2 × Thunderbolt™ 4 / USB4 Type-C
	1 × USB 3.2 Gen 1 Type-A
	1 × HDMI 2.1
	1 × MicroSD Card Reader
	1 × Headphone/Microphone Combo Jack
	Memory Card Reader: USB Type-C Hub Included
NETWORKING	Intel® Wi-Fi 6E AX211 (2×2) and Bluetooth® 5.3
	Supports IEEE 802.11 a/b/g/n/ac/ax Standards
MONITOR	Diagonal Size: 14 Inches
	Image Brightness: 300 cd/m²
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	Laptop Bag, Wireless Optical Mouse, USB Type-C Hub
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LAPTOP TYPE 5

ITEM	SPECIFICATION
PROCESSOR	Intel® Core™ 7 150U Processor
PREINSTALLED OS	Windows 11 Home Activated
PROCESSOR / CHIPSET	Intel® Core™ 7 150U (up to 5.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 Cache, 10 Cores, 12 Threads)
GRAPHIC PROCESSOR	Intel® Graphics
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 12 MB L3 Cache
RAM	Memory Speed: 5200 MT/s
	Memory Specification Compliance: LPDDR5
	Technology: LPDDR5 SDRAM
	Installed RAM Size: 16 GB LPDDR5 (Onboard)
	Rated Memory Speed: 5200 MT/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (Non-Condensing)
DISPLAY	LCD Backlight Technology: IPS LED Backlit Touch Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:10
	Monitor Features: Multi-touch, IPS, Edge-to-Edge Glass, Micro-edge, Flicker-Free
	Pixels: 1920 × 1200
	Diagonal Size: 14 Inches
	Display Resolution: 14-inch 2K WUXGA (1920 × 1200) Touch Display
	Brightness: 300 nits
	Colour Gamut: 62.5% sRGB
	Touch Screen: Yes
	360° Rotation: Yes (Convertible Flip Design)
AUDIO & VIDEO	Graphics Processor: Intel® Graphics
	Integrated Webcam: 5 MP IR Camera with Temporal Noise Reduction and Privacy Shutter
	Sound: Dual Speakers with HP Audio Boost
	Audio Processing: HP Audio Boost
STORAGE	512 GB PCIe® Gen4 NVMe™ M.2 SSD
INPUT	Type: Full-size Backlit Keyboard
	Localization & Layout: US English
	Features: HP Imagepad with Multi-touch Gesture Support

COMMUNICATIONS	Wireless Protocol: Wi-Fi 6E (802.11ax), Bluetooth® 5.3
	Wireless Controller: Intel® Wi-Fi 6E AX211 (2×2)
	Features: Modern Standby (Connected)
PROCESSOR	CPU Type: Intel® Core™ 7 150U
	Manufacturer: Intel®
BATTERY	Capacity: 68 Wh Lithium-Polymer
	Cells: 4-cell
	Technology: Lithium-Polymer
	Run Time (Up To): Up to 15 Hours (Depending on Usage)
CHARGER	45 W USB Type-C® Power Adapter
	UK Plug (Type G) Compatible
CONNECTIONS & EXPANSION	2 × USB Type-C® (10 Gbps, USB Power Delivery, DisplayPort™ 1.4a, HP Sleep & Charge)
	2 × USB Type-A
	1 × HDMI 2.1
	1 × Headphone/Microphone Combo Jack
	Memory Card Reader: USB Type-C Hub Included
NETWORKING	Intel® Wi-Fi 6E AX211 (2×2) and Bluetooth® 5.3
	Supports IEEE 802.11 a/b/g/n/ac/ax Standards
MONITOR	Diagonal Size: 14 Inches
	Image Brightness: 300 cd/m²
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	Laptop Bag, Wireless Optical Mouse, USB Type-C Hub
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LAPTOP TYPE 6

ITEM	SPECIFICATION
PROCESSOR	Intel® Core™ Ultra 5 Processor
PREINSTALLED OS	Windows 11 Home Activated
PROCESSOR / CHIPSET	Intel® Core™ Ultra 5 Processor with Intel® AI Boost NPU, up to 4.5 GHz Turbo Boost, 12 MB L3 Cache, 8 Cores, 8 Threads
GRAPHIC PROCESSOR	Intel® Graphics
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 12 MB L3 Cache
RAM	Memory Speed: LPDDR5x 7467 MT/s
	Memory Specification Compliance: LPDDR5x
	Technology: LPDDR5x SDRAM
	Installed RAM Size: 16 GB LPDDR5x (Onboard)
	Rated Memory Speed: 7467 MT/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (Non-Condensing)
DISPLAY	LCD Backlight Technology: IPS LED Backlit Touch Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:10
	Monitor Features: Multi-touch, IPS, Micro-edge, Anti-Glare, Low Blue Light, HP Eye Ease
	Pixels: 1920 × 1200
	Diagonal Size: 16 Inches
	Display Resolution: 16-inch WUXGA (1920 × 1200)
	IPS Touch Display
	Brightness: 300 nits
	Colour Gamut: 62.5% sRGB
	Touch Screen: Yes (10-Point Multi-Touch)
	360° Rotation: No (Standard Clamshell Design)
AUDIO & VIDEO	Graphics Processor: Intel® Graphics
	Integrated Webcam: Full HD (1080p) IR Camera with Privacy Shutter
	Sound: Dual Stereo Speakers
	Audio Processing: DTS:X® Ultra Audio
STORAGE	1 TB PCIe® Gen4 NVMe™ M.2 SSD
INPUT	Type: Full-size Backlit Keyboard with Numeric Keypad
	Localization & Layout: US English
	Features: Precision Touchpad, Multi-touch Gesture Support

COMMUNICATIONS	Wireless Protocol: Wi-Fi 7 (802.11be), Bluetooth® 5.4
	Wireless Controller: Intel® Wi-Fi 7
	Features: AI Optimized Wireless Connectivity
PROCESSOR	CPU Type: Intel® Core™ Ultra 5
	Manufacturer: Intel®
BATTERY	Capacity: 68 Wh Lithium-Polymer
	Cells: 4-cell
	Technology: Lithium-Polymer
	Run Time (Up To): Up to 16 Hours (Depending on Usage)
CHARGER	65 W USB Type-C® Fast Power Adapter
	UK Plug (Type G) Compatible
CONNECTIONS & EXPANSION	2 × USB Type-C® (USB Power Delivery, DisplayPort™)
	2 × USB Type-A
	1 × HDMI 2.1
	1 × Headphone/Microphone Combo Jack
	Memory Card Reader: USB Type-C Hub Included
NETWORKING	Intel® Wi-Fi 7 and Bluetooth® 5.4
	Supports IEEE 802.11 a/b/g/n/ac/ax/be Standards
MONITOR	Diagonal Size: 16 Inches
	Image Brightness: 300 cd/m²
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	Laptop Bag, Wireless Optical Mouse, USB Type-C Hub
ALL ORIGINAL MEDIA KIT, ACCESSORIES, DOCUMENTATION, AND GENUINE SOFTWARE LICENSES TO BE INCLUDED DURING DELIVERY AND WILL BE AUTHENTICATED BEFORE ACCEPTANCE.	



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LAPTOP TYPE 7(i)

ITEM	SPECIFICATION
PROCESSOR	Intel® Core™ 5 120U Processor
PREINSTALLED OS	Windows 11 Home Activated
PROCESSOR / CHIPSET	Intel® Core™ 5 120U (up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 Cache, 10 Cores, 12 Threads)
GRAPHIC PROCESSOR	Intel® Graphics
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 12 MB L3 Cache
RAM	Memory Speed: 5200 MT/s
	Memory Specification Compliance: LPDDR5
	Technology: LPDDR5 SDRAM
	Installed RAM Size: 8 GB LPDDR5 (Onboard)
	Rated Memory Speed: 5200 MT/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (Non-Condensing)
DISPLAY	LCD Backlight Technology: IPS LED Backlit Touch Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:10
	Monitor Features: Multi-touch, IPS, Edge-to-Edge Glass, Micro-edge, Flicker-Free
	Pixels: 1920 × 1200
	Diagonal Size: 14 Inches
	Display Resolution: 14-inch WUXGA (1920 × 1200) IPS Touch Display
	Brightness: 300 nits
	Colour Gamut: 62.5% sRGB
	Touch Screen: Yes (10-Point Multi-Touch)
	360° Rotation: Yes (Convertible Flip Design)
AUDIO & VIDEO	Graphics Processor: Intel® Graphics
	Integrated Webcam: 5 MP IR Camera with Privacy Shutter
	Sound: Dual Speakers with HP Audio Boost
	Audio Processing: HP Audio Boost
STORAGE	512 GB PCIe® Gen4 NVMe™ M.2 SSD
INPUT	Type: Full-size Backlit Keyboard
	Localization & Layout: US English
	Features: HP Imagepad with Multi-touch Gesture Support

COMMUNICATIONS	Wireless Protocol: Intel® Wi-Fi 6E (802.11ax), Bluetooth® 5.3
	Wireless Controller: Intel® Wi-Fi 6E AX211 (2×2)
	Features: Modern Standby (Connected)
PROCESSOR	CPU Type: Intel® Core™ 5 120U
	Manufacturer: Intel®
BATTERY	Capacity: 68 Wh Lithium-Polymer
	Cells: 4-cell
	Technology: Lithium-Polymer
	Run Time (Up To): Up to 15 Hours (Depending on Usage)
CHARGER	45 W USB Type-C® Power Adapter
	UK Plug (Type G) Compatible
CONNECTIONS & EXPANSION	2 × USB Type-C® (10 Gbps, USB Power Delivery, DisplayPort™ 1.4a, HP Sleep & Charge)
	1 × USB Type-A (10 Gbps)
	1 × USB Type-A (5 Gbps)
	1 × HDMI 2.1
	1 × Headphone/Microphone Combo Jack
	Memory Card Reader: USB Type-C Hub Included
NETWORKING	Intel® Wi-Fi 6E AX211 (2×2) and Bluetooth® 5.3
	Supports IEEE 802.11 a/b/g/n/ac/ax Standards
MONITOR	Diagonal Size: 14 Inches
	Image Brightness: 300 cd/m²
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	Laptop Bag, Wireless Optical Mouse, USB Type-C Hub
ALL ORIGINAL MEDIA KIT, ACCESSORIES, DOCUMENTATION, RECOVERY MEDIA (WHERE APPLICABLE), AND GENUINE SOFTWARE LICENSES TO BE INCLUDED DURING DELIVERY AND WILL BE AUTHENTICATED BEFORE ACCEPTANCE.	



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LAPTOP TYPE 7(ii)

ITEM	SPECIFICATION
PROCESSOR	Intel® Core™ 5 120U Processor
PREINSTALLED OS	Windows 11 Home Activated
PROCESSOR / CHIPSET	Intel® Core™ 5 120U (up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 Cache, 10 Cores, 12 Threads)
GRAPHIC PROCESSOR	Intel® Graphics
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 12 MB L3 Cache
RAM	Memory Speed: 5200 MT/s
	Memory Specification Compliance: LPDDR5
	Technology: LPDDR5 SDRAM
	Installed RAM Size: 8 GB LPDDR5 (Onboard)
	Rated Memory Speed: 5200 MT/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (Non-Condensing)
DISPLAY	LCD Backlight Technology: IPS LED Backlit Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:10
	Monitor Features: Anti-Glare, Micro-edge, Flicker-Free, Low Blue Light
	Pixels: 1920 × 1200
	Diagonal Size: 14 Inches
	Display Resolution: 14-inch WUXGA (1920 × 1200) IPS Full HD+ Display
	Brightness: 300 nits
	Colour Gamut: 62.5% sRGB
	Touch Screen: No
	360° Rotation: No
AUDIO & VIDEO	Graphics Processor: Intel® Graphics
	Integrated Webcam: Full HD (1080p) Camera with Privacy Shutter
	Sound: Dual Stereo Speakers with HP Audio Boost
	Audio Processing: HP Audio Boost
STORAGE	512 GB PCIe® Gen4 NVMe™ M.2 SSD
INPUT	Type: Full-size Backlit Keyboard
	Localization & Layout: US English
	Features: Precision Touchpad with Multi-touch Gesture Support

COMMUNICATIONS	Wireless Protocol: Wi-Fi 6E (802.11ax), Bluetooth® 5.3
	Wireless Controller: Intel® Wi-Fi 6E AX211 (2×2)
	Features: Modern Standby
PROCESSOR	CPU Type: Intel® Core™ 5 120U
	Manufacturer: Intel®
BATTERY	Capacity: 59 Wh Lithium-Polymer
	Cells: 3-cell
	Technology: Lithium-Polymer
	Run Time (Up To): Up to 15 Hours (Depending on Usage)
CHARGER	45 W USB Type-C® Power Adapter
	UK Plug (Type G) Compatible
CONNECTIONS & EXPANSION	2 × USB Type-C® (10 Gbps, USB Power Delivery, DisplayPort™ 1.4a)
	2 × USB Type-A
	1 × HDMI 2.1
	1 × Headphone/Microphone Combo Jack
	Memory Card Reader: USB Type-C Hub Included
NETWORKING	Intel® Wi-Fi 6E AX211 (2×2) and Bluetooth® 5.3
	Supports IEEE 802.11 a/b/g/n/ac/ax Standards
MONITOR	Diagonal Size: 14 Inches
	Image Brightness: 300 cd/m²
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	Laptop Bag, Wireless Optical Mouse, USB Type-C Hub
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DESKTOP TYPE 1

ITEM	SPECIFICATION
FORM FACTOR	All in one desktop
PROCESSOR	Apple M4 Chip
PREINSTALLED OS	Latest macOS Activated
PROCESSOR / CHIPSET	Apple M4 Chip with 10-Core CPU (4 Performance Cores + 6 Efficiency Cores), 16-Core Neural Engine
GRAPHIC PROCESSOR	Integrated 10-Core Apple GPU with Hardware-Accelerated Ray Tracing
64-BIT COMPUTING	Yes
CACHE MEMORY	Integrated High-Speed Unified Memory Architecture
RAM	Memory Type: Unified Memory
	Technology: LPDDR5X Unified Memory
	Installed RAM Size: 24 GB Unified Memory
	Memory Bandwidth: 120 GB/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 5–90% (Non-Condensing)
DISPLAY	Display Technology: 4.5K Retina Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:9
	Monitor Features: True Tone, Wide Colour (P3), 1 Billion Colours, IPS Technology
	Pixels: 4480 × 2520
	Diagonal Size: 24 Inches
	Display Resolution: 24-inch 4.5K Retina Display
	Brightness: 500 nits
AUDIO & VIDEO	Touch Screen: No
	Graphics Processor: Integrated 10-Core Apple GPU
	Integrated Webcam: 12MP Center Stage Camera with Desk View
	Sound: Six-Speaker High-Fidelity Sound System with Spatial Audio and Dolby Atmos or External speakers
STORAGE	Microphones: Studio-Quality Three-Microphone Array with Directional Beamforming
	512 GB SSD
INPUT DEVICES	Magic Keyboard with Touch ID
	Magic Mouse Included
COMMUNICATIONS	Wireless Protocol: Wi-Fi 6E (802.11ax), Bluetooth® 5.3
	Wireless Controller: Apple Wireless Module
PROCESSOR	CPU Type: Apple M4

	Manufacturer: Apple
POWER SUPPLY	Integrated Power Supply with Colour-Matched Power Cable
UPS	Line Interactive UPS – Minimum 1000VA / 600W, Automatic Voltage Regulation (AVR), Surge Protection, LCD Display, Minimum 15–30 Minutes Backup Time, UK Type G Power Sockets
CONNECTIONS & EXPANSION	4 × Thunderbolt™ 4 (USB-C) Ports
	1 × Gigabit Ethernet Port (Integrated in Power Adapter)
	1 × 3.5 mm Headphone Jack
NETWORKING	Wi-Fi 6E (802.11ax) and Bluetooth® 5.3
DISPLAY SUPPORT	Supports up to Two External 6K Displays at 60Hz
MONITOR	Diagonal Size: 24 Inches
	Image Brightness: 500 cd/m ²
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium for Mac (1 Year Activated – 365 Days)
OFFICE	Microsoft Office for Mac 2021 or Higher Activated (Genuine License Key Included)
PERIPHERALS	Magic Keyboard with Touch ID, Magic Mouse, Line Interactive UPS (Minimum 1000VA), USB-C Hub (if required), User Documentation
ALL ORIGINAL APPLE ACCESSORIES, GENUINE SOFTWARE LICENSES, POWER CABLE, MAGIC KEYBOARD, MAGIC MOUSE, UPS, DOCUMENTATION, AND ORIGINAL PACKAGING TO BE INCLUDED DURING DELIVERY AND WILL BE AUTHENTICATED BEFORE ACCEPTANCE.	



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DESKTOP TYPE 2

ITEM	SPECIFICATION
PROCESSOR	Intel® Core™ i7-14400KF Processor (14th Generation)
PREINSTALLED OS	Windows 11 Pro Activated
PROCESSOR / CHIPSET	Intel® Core™ i7-14400KF (up to 4.7 GHz with Intel® Turbo Boost Technology, 20 MB Intel® Smart Cache, 10 Cores (6 Performance + 4 Efficient), 16 Threads), Intel® B760 Chipset
GRAPHIC PROCESSOR	NVIDIA® GeForce RTX™ 4070
GRAPHICS MEMORY	12 GB GDDR6X Dedicated Graphics Memory
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 20 MB Intel® Smart Cache
RAM	Memory Speed: 5600 MT/s
	Memory Specification Compliance: DDR5-5600
	Technology: DDR5 SDRAM
	Installed RAM Size: 32 GB DDR5 (2 × 16 GB)
	Rated Memory Speed: 5600 MT/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (Non-Condensing)
DISPLAY SUPPORT AND MONITOR	Supports up to Four External Displays
	Maximum Resolution: Up to 8K via DisplayPort 1.4a / HDMI 2.1
	27-inch screen with a QHD (1440p) resolution, an IPS or OLED panel, and a minimum 144Hz refresh rate.
AUDIO & VIDEO	Graphics Processor: NVIDIA® GeForce RTX™ 4070
	Audio: High Definition 7.1 Channel Audio With inbuilt speaker or External Speakers
	Audio Codec: Realtek High Definition Audio Codec
STORAGE	Primary Storage: 1 TB PCIe® Gen4 NVMe™ M.2 SSD
INPUT DEVICES	USB Gaming Keyboard
	USB Gaming Mouse
COMMUNICATIONS	Wireless: Wi-Fi 6 (802.11ax), Bluetooth® 5.3
	Ethernet: 2.5 Gigabit RJ-45 LAN
PROCESSOR	CPU Type: Intel® Core™ i7-14400KF
	Manufacturer: Intel®
POWER SUPPLY	700 W 80 Plus Gold Certified Power Supply
UPS	Line Interactive UPS – Minimum 1500VA / 900W Capacity, Automatic Voltage Regulation (AVR), Pure Sine Wave or Simulated Sine Wave Output, Surge Protection, LCD Display, USB Communication Port, Overload Protection, Battery Backup Time of 15–30 Minutes (Typical Load), UK Type G Power Sockets

CONNECTIONS & EXPANSION	Front: USB Type-C®, USB 3.2 Gen 1 Type-A, Audio Combo Jack
	Rear: USB 3.2 Gen 2 Type-A, USB 2.0, RJ-45 Ethernet, Audio Ports
	Video Outputs: 3 × DisplayPort 1.4a, 1 × HDMI 2.1
	Expansion: PCIe Gen4 x16, M.2 Slots, SATA Expansion
NETWORKING	Wi-Fi 6 (802.11ax), Bluetooth® 5.3, 2.5 Gigabit Ethernet
CHASSIS	ASUS ROG Strix Gaming Chassis with RGB Lighting, Optimized Airflow, and Tempered Glass Side Panel
COOLING	Advanced Air Cooling with Multiple RGB System Fans
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	USB Gaming Keyboard, USB Gaming Mouse, Line Interactive UPS (Minimum 1500VA) , Power Cables
ALL ORIGINAL ACCESSORIES, UPS, DOCUMENTATION, RECOVERY MEDIA (WHERE APPLICABLE), AND GENUINE SOFTWARE LICENSES TO BE INCLUDED DURING DELIVERY AND WILL BE AUTHENTICATED BEFORE ACCEPTANCE.	



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DESKTOP TYPE 3

ITEM	SPECIFICATION
FORM FACTOR	Premium All-in-One (AIO) Desktop Computer
CHASSIS	Ultra-Slim All-in-One Design with Integrated 27-inch Display
PROCESSOR	Intel® Core™ Ultra 7 256V Processor
PREINSTALLED OS	Windows 11 Pro Activated
PROCESSOR / CHIPSET	Intel® Core™ Ultra 7 256V (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB Intel® Smart Cache, 8 Cores, 8 Threads) with Intel® AI Boost NPU
GRAPHIC PROCESSOR	Intel® Arc™ 140V Graphics
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 12 MB Intel® Smart Cache
RAM	Memory Speed: LPDDR5X-8533 MT/s
	Memory Specification Compliance: LPDDR5X
	Technology: LPDDR5X Unified Memory (On Package)
	Installed RAM Size: 16 GB LPDDR5X
	Rated Memory Speed: 8533 MT/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (Non-Condensing)
DISPLAY	LCD Backlight Technology: IPS LED Backlit Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:9
	Monitor Features: 4K UHD, Three-sided Micro-edge, Anti-glare, Adjustable Height Stand, Flicker-Free
	Pixels: 3840 × 2160
	Diagonal Size: 27 Inches
	Display Resolution: 27-inch 4K UHD (3840 × 2160) IPS Display
	Brightness: 350 nits
	Colour Gamut: 99% sRGB
	Touch Screen: No
AUDIO & VIDEO	Graphics Processor: Intel® Arc™ 140V Graphics
	Integrated Webcam: 5 MP IR AI Camera with Windows Hello, Privacy Shutter and Dual Microphones
	Sound: Dual Stereo Speakers Tuned by Poly Studio in built speakers/ external speakers
	Audio Processing: DTS:X® Ultra
STORAGE	1 TB PCIe® Gen4 NVMe™ M.2 SSD
INPUT DEVICES	HP Premium Wireless Keyboard
	HP Wireless Mouse

COMMUNICATIONS	Wireless Protocol: Intel® Wi-Fi 7 (802.11be), Bluetooth® 5.4
	Ethernet: 2.5 Gigabit RJ-45 LAN
PROCESSOR	CPU Type: Intel® Core™ Ultra 7 256V
	Manufacturer: Intel®
POWER SUPPLY	HP Smart External Power Adapter
UPS	Line Interactive UPS – Minimum 1500VA / 900W Capacity, Automatic Voltage Regulation (AVR), Surge Protection, LCD Display, USB Monitoring Interface, Overload Protection, Battery Backup Time of 15–30 Minutes (Typical Load), UK Type G Power Sockets
CONNECTIONS & EXPANSION	2 × Thunderbolt™ 4 (USB-C, 40 Gbps)
	2 × USB 3.2 Gen 2 Type-A
	2 × USB 2.0 Type-A
	1 × HDMI-In
	1 × HDMI-Out
	1 × RJ-45 Ethernet
	1 × Headphone/Microphone Combo Jack
NETWORKING	Intel® Wi-Fi 7 (802.11be), Bluetooth® 5.4, 2.5 Gigabit Ethernet
MONITOR	Diagonal Size: 27 Inches
	Image Brightness: 350 cd/m ²
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	HP Premium Wireless Keyboard, HP Wireless Mouse, Line Interactive UPS (Minimum 1500VA / 900W)
ALL ORIGINAL ACCESSORIES, LINE INTERACTIVE UPS, POWER ADAPTER, WIRELESS KEYBOARD, WIRELESS MOUSE, DOCUMENTATION, RECOVERY MEDIA (WHERE APPLICABLE), GENUINE SOFTWARE LICENSES, AND ORIGINAL PACKAGING TO BE INCLUDED DURING DELIVERY AND WILL BE AUTHENTICATED BEFORE ACCEPTANCE.	



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DESKTOP TYPE 4

ITEM	SPECIFICATION
FORM FACTOR	All-in-One (AIO) Desktop Computer
CHASSIS	Slim All-in-One Design with Integrated 23.8-inch Display
PROCESSOR	Intel® Core™ i7-1355U Processor (13th Generation)
PREINSTALLED OS	Windows 11 Pro Activated
PROCESSOR / CHIPSET	Intel® Core™ i7-1355U (up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB Intel® Smart Cache, 10 Cores (2 Performance Cores + 8 Efficient Cores), 12 Threads)
GRAPHIC PROCESSOR	Intel® Iris® Xe Graphics
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 12 MB Intel® Smart Cache
RAM	Memory Speed: DDR4-3200 MT/s
	Memory Specification Compliance: DDR4
	Technology: DDR4 SDRAM
	Installed RAM Size: 8 GB DDR4
	Rated Memory Speed: 3200 MT/s
ENVIRONMENTAL PARAMETERS	Operating Humidity: 10–90% (Non-Condensing)
DISPLAY	LCD Backlight Technology: IPS LED Backlit Display
	Widescreen Display: Yes
	Image Aspect Ratio: 16:9
	Monitor Features: Anti-Glare, Micro-edge, Flicker-Free
	Pixels: 1920 × 1080
	Diagonal Size: 23.8 Inches (24-inch Class)
	Display Resolution: Full HD (1920 × 1080) IPS Display
	Brightness: 250 nits
	Colour Gamut: 72% NTSC
	Touch Screen: No
AUDIO & VIDEO	Graphics Processor: Intel® Iris® Xe Graphics
	Integrated Webcam: Full HD (1080p) Webcam with Dual Digital Microphones
	Sound: Dual Stereo Speakers/External speakers
	Audio Processing: High Definition Audio
STORAGE	512 GB PCIe® NVMe™ M.2 SSD
INPUT DEVICES	HP USB Wired Keyboard
	HP USB Optical Mouse
COMMUNICATIONS	Wireless Protocol: Wi-Fi 6 (802.11ax), Bluetooth® 5.3
	Ethernet: Integrated Gigabit RJ-45 LAN
PROCESSOR	CPU Type: Intel® Core™ i7-1355U
	Manufacturer: Intel®
POWER SUPPLY	HP Smart External Power Adapter
UPS	Line Interactive UPS – Minimum 1000VA / 600W Capacity, Automatic Voltage Regulation (AVR), Surge

	Protection, LCD Display, USB Communication Port, Battery Backup Time of 15–30 Minutes (Typical Load), UK Type G Power Sockets
CONNECTIONS & EXPANSION	2 × USB 3.2 Gen 1 Type-A
	2 × USB 2.0 Type-A
	1 × HDMI-Out
	1 × RJ-45 Ethernet Port
	1 × Headphone/Microphone Combo Jack
NETWORKING	Wi-Fi 6 (802.11ax), Bluetooth® 5.3, Gigabit Ethernet
MONITOR	Diagonal Size: 23.8 Inches
	Image Brightness: 250 cd/m ²
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)
OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	HP USB Wired Keyboard, HP USB Optical Mouse, Line Interactive UPS (Minimum 1000VA / 600W)
ALL ORIGINAL ACCESSORIES, UPS, DOCUMENTATION, RECOVERY MEDIA (WHERE APPLICABLE), GENUINE SOFTWARE LICENSES, AND ORIGINAL PACKAGING TO BE INCLUDED DURING DELIVERY AND WILL BE AUTHENTICATED BEFORE ACCEPTANCE.	



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DESKTOP TYPE 5

ITEM	SPECIFICATION
FORM FACTOR	Tower Desktop Computer
PROCESSOR	Intel® Core™ i5 Processor (13th Generation)
PREINSTALLED OS	Windows 11 Pro Activated
PROCESSOR / CHIPSET	Intel® Core™ i5-13500 (up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB Intel® Smart Cache, 14 Cores (6 Performance + 8 Efficient), 20 Threads), Intel® H670 Chipset
GRAPHIC PROCESSOR	Intel® UHD Graphics 770
64-BIT COMPUTING	Yes
CACHE MEMORY	Installed Size: 24 MB Intel® Smart Cache
RAM	Memory Speed: 3200 MT/s
	Memory Specification Compliance: DDR4
	Technology: DDR4 SDRAM
	Installed RAM Size: 8 GB DDR4 (Upgradeable to 64 GB)
STORAGE	512 GB PCIe® Gen4 NVMe™ M.2 SSD
DISPLAY SUPPORT	Supports Dual Displays up to 4K Resolution
MONITOR	Size: Minimum 21.5-inch (22-inch Class) LED Monitor
	Panel Type: IPS
	Resolution: Full HD (1920 × 1080)
	Aspect Ratio: 16:9
	Brightness: Minimum 250 cd/m ²
	Refresh Rate: 60 Hz or Higher
	Response Time: 5 ms (Typical)
	Connectivity: HDMI and VGA (or DisplayPort)
	Tilt Adjustment: Yes
AUDIO & VIDEO	Power Cable and HDMI Cable: Included
	Intel® UHD Graphics 770, High Definition Audio
INPUT DEVICES	HP USB Wired Keyboard
	HP USB Optical Mouse
COMMUNICATIONS	Gigabit RJ-45 LAN, Wi-Fi 6 (where configured), Bluetooth® 5.3
POWER SUPPLY	180 W High-Efficiency Power Supply
UPS	Line Interactive UPS – Minimum 650VA / 390W Capacity, Automatic Voltage Regulation (AVR), Surge Protection, Battery Backup, UK Type G Power Sockets
PORTS	Front: 4 × USB 3.2 Gen 1 Type-A, Audio Combo Jack
	Rear: 4 × USB 2.0 Type-A, HDMI, VGA, RJ-45, Audio In/Out
NETWORKING	Gigabit Ethernet, Wi-Fi 6, Bluetooth® 5.3
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ANTIVIRUS	Latest Kaspersky Premium (1 Year Activated – 365 Days)

OFFICE	Microsoft Office 2021 Professional Plus or Higher Activated (Genuine License)
PERIPHERALS	HP USB Wired Keyboard, HP USB Optical Mouse, Minimum 21.5-inch (22-inch Class) Full HD IPS Monitor, HDMI Cable, Line Interactive UPS (Minimum 650VA / 390W)
ALL ORIGINAL ACCESSORIES, MONITOR, UPS, POWER CABLES, DOCUMENTATION, RECOVERY MEDIA (WHERE APPLICABLE), GENUINE SOFTWARE LICENSES, AND ORIGINAL PACKAGING TO BE INCLUDED DURING DELIVERY AND WILL BE AUTHENTICATED BEFORE ACCEPTANCE.	



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CCTV TYPE 1

ITEM	SPECIFICATION
Camera Type	HD Analogue Full-Colour Dome Camera/ Bullet camera
Image Sensor	Minimum 1/2.7" Progressive Scan CMOS
Resolution	Minimum 5 Megapixels
Video Output	HDTVI / AHD / HDCVI / CVBS Switchable
Lens	Fixed 2.8 mm or 3.6 mm
Minimum Illumination	0.0005 Lux (Colour)
Night Vision	24/7 Full Colour Imaging using Built-in Warm White LED
White Light Distance	Minimum 30 Metres
Wide Dynamic Range	130 dB True WDR
Image Enhancement	3D DNR, BLC, HLC, AGC
Audio	Built-in Microphone
Weather Rating	IP67 Weatherproof
Vandal Resistance	IK10 (Preferred)
Power Supply	12V DC
Housing	Metal Housing
Operating Temperature	-40°C to +60°C
Warranty	Minimum 1 Year Manufacturer's Warranty

DVR

ITEM	SPECIFICATION
System Type	Hybrid Digital Video Recorder (DVR) Supporting Analogue HD Cameras and IP Cameras
DVR Channels	Minimum 32 Analogue Channels (BNC) with support for at least 2 Additional IP Cameras
Camera Compatibility	Supports HDTVI, AHD, HDCVI, CVBS Analogue Cameras and ONVIF-Compliant IP Cameras
Maximum Recording Resolution	Up to 5 MP Lite / 1080p Full HD Recording (or Higher)
Video Compression	H.265 Pro+, H.265 Pro, H.265, H.264+, H.264
Video Inputs	32 × BNC Video Inputs
IP Camera Support	Supports Minimum 2 IP Cameras (Expandable where applicable)
Incoming Bandwidth	Minimum 96 Mbps
Outgoing Bandwidth	Minimum 96 Mbps
Display Output	1 × HDMI (Supports up to 4K UHD), 1 × VGA (1920 × 1080)

Audio Input	Minimum 4 RCA Audio Inputs
Audio Output	1 RCA Audio Output
Two-Way Audio	Supported
Audio Compression	G.711u, G.711a, AAC (or Equivalent)
Full-Colour Camera Support	Supports Full-Colour Analogue Cameras for 24/7 Colour Video Surveillance
Smart Detection	Motion Detection, Human Detection, Vehicle Detection, Line Crossing Detection, Intrusion Detection, Video Tampering Alarm
Alarm Input	Minimum 16 Alarm Inputs
Alarm Output	Minimum 4 Alarm Outputs
Storage Bays	Minimum 2 SATA Hard Disk Bays
Storage Capacity	Supports up to 20 TB per SATA Drive (or Higher)
Installed Storage	Supplied with Minimum 8 TB Surveillance Grade Hard Disk Drive
Playback	Simultaneous Playback of up to 16 Channels
Recording Modes	Continuous, Motion Detection, Scheduled, Event, Alarm Recording
Backup Options	USB Flash Drive, External Hard Drive, Network Backup
Network Interface	1 × RJ-45 10/100/1000 Mbps Ethernet Port
Network Protocols	TCP/IP, DHCP, DNS, DDNS, NTP, RTSP, HTTPS, FTP, SMTP, ONVIF
Remote Viewing	Web Browser, Windows Client, Android and iOS Mobile Applications
USB Ports	Minimum 2 × USB 2.0 and 1 × USB 3.0
Power Supply	100–240V AC, 50/60Hz
Power Consumption	Maximum 30 W (Without HDD)
Operating Temperature	-10°C to +55°C
Operating Humidity	10–90% (Non-Condensing)
Chassis	Rack Mount/Desktop Metal Chassis
Warranty	Minimum 1 Year Manufacturer's Warranty

ACCESSORIES

ITEM	SPECIFICATION
Hard Disk Drive	Minimum 8 TB Surveillance Grade HDD Installed
Coaxial Cable	RG59 Siamese Cable or Equivalent
Video Connectors	BNC Connectors
Power Supply	Centralized 12V DC CCTV Power Supply
CCTV Power Cable	Included
Installation Kit	Mounting Accessories, Junction Boxes, Screws and Anchors
User Documentation	Installation Manual and Configuration Guide



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CCTV TYPE 2

ITEM	SPECIFICATION
Camera Type	HD Analogue Dome Camera/Bullet camera
Image Sensor	2 MP Progressive Scan CMOS
Resolution	2 MP (1920 × 1080) Full HD
Video Output	HDTVI/AHD/HDCVI/CVBS
Lens	Fixed 2.8 mm
Night Vision	Full Colour with Warm White LED
Colour Night Vision Distance	Minimum 20 Metres
Day/Night Mode	Automatic
Wide Dynamic Range	Digital WDR
Audio	Built-in Microphone
Weather Protection	IP66 Weatherproof
Power Supply	12V DC
Housing	Metal/Plastic Hybrid Housing
Warranty	Minimum 1 Year Manufacturer's Warranty

DVR

ITEM	SPECIFICATION
System Type	Hybrid Digital Video Recorder (DVR)
DVR Channels	Minimum 32 Analogue Channels with Support for at least 2 Additional IP Cameras
Camera Compatibility	HDTVI, AHD, HDCVI, CVBS and ONVIF IP Cameras
Maximum Recording Resolution	Up to 1080p Full HD
Video Compression	H.265+, H.265, H.264+, H.264
Video Inputs	32 × BNC Video Inputs
IP Camera Support	Minimum 2 IP Cameras
Display Output	HDMI (1080p) and VGA
Audio Support	Audio over Coaxial (AoC) or RCA Audio Input, One Audio Output
Alarm Support	Motion Detection Alarm, Video Loss Alarm, Tampering Alarm
Hard Disk Bays	Minimum 1 SATA Bay
Storage Capacity	Supports up to 10 TB Hard Disk
Installed Storage	Minimum 2 TB Surveillance Hard Disk Drive
Playback	Simultaneous Playback of up to 8 Channels
Recording Modes	Continuous, Motion Detection, Scheduled and Event Recording
USB Ports	Minimum 2 × USB 2.0
Network Port	1 × RJ-45 10/100 Mbps Ethernet
Remote Viewing	Android, iOS Mobile App and Web Browser
Power Supply	12V DC

Operating Temperature	-10°C to +55°C
Warranty	Minimum 1 Year Manufacturer's Warranty

ACCESSORIES

ITEM	SPECIFICATION
Hard Disk	Minimum 2 TB Surveillance HDD
Cable	RG59 Siamese Cable
Connectors	BNC Connectors
Power Supply	12V Centralized CCTV Power Supply
Installation Kit	Mounting Brackets, Junction Boxes and Accessories



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CCTV TYPE 3

ITEM	SPECIFICATION
Camera Type	Fixed IP Dome CCTV Camera/Bullet Camera
Image Sensor	Minimum 1/2.8" Progressive Scan CMOS
Resolution	Minimum 4 Megapixels (2560 × 1440)
Video Compression	H.265+, H.265, H.264+, H.264
Lens	Fixed 2.8 mm
Viewing Angle	Minimum 100° Horizontal Field of View
Colour Night Vision	24/7 Full-Colour Imaging with Built-in Warm White LED
White Light Range	Minimum 30 Metres
Minimum Illumination	0.0005 Lux (Colour)
Wide Dynamic Range	Digital WDR
Image Enhancement	3D DNR, BLC, HLC
Audio	Built-in Microphone
Smart Features	Motion Detection, Human Detection, Vehicle Detection
Network Interface	1 × RJ-45 10/100 Mbps Ethernet
ONVIF Support	ONVIF Profile S Compatible
Power Supply	IEEE 802.3af PoE and 12V DC
Weather Rating	IP67 Weatherproof
Housing	Metal Housing
Operating Temperature	-30°C to +60°C
Warranty	Minimum 1 Year Manufacturer's Warranty

NVR

ITEM	SPECIFICATION
Recorder Type	Network Video Recorder (NVR)
Video Channels	Minimum 32 IP Camera Channels
Maximum Recording Resolution	Up to 8 MP per Camera
Video Compression	H.265+, H.265, H.264+, H.264
Incoming Bandwidth	Minimum 160 Mbps
Outgoing Bandwidth	Minimum 160 Mbps
Video Outputs	HDMI (4K Supported) and VGA
Audio Support	Two-Way Audio, Audio Recording Supported
Alarm Support	Motion Detection, Human Detection, Video Tampering, Intrusion Detection, Alarm Notifications
Hard Disk Bays	Minimum 2 SATA Interfaces
Maximum Storage Capacity	Supports up to 20 TB per HDD
Installed Storage	Minimum 4 TB Surveillance Grade Hard Disk Drive

USB Ports	Minimum 2 USB Ports (USB 2.0/3.0)
Network Interface	1 × RJ-45 10/100/1000 Mbps Ethernet Port
Network Protocols	TCP/IP, DHCP, DNS, HTTPS, NTP, RTSP, ONVIF
Remote Viewing	Android, iOS, Windows Client and Web Browser
Playback	Simultaneous Playback of up to 16 Channels
Recording Modes	Continuous, Scheduled, Motion Detection and Event Recording
Power Supply	100–240V AC, 50/60Hz
Warranty	Minimum 1 Year Manufacturer's Warranty

ACCESSORIES

ITEM	SPECIFICATION
Hard Disk Drive	Minimum 4 TB Surveillance Grade HDD Installed
Network Cable	Cat6 UTP Cable
Connectors	RJ-45 Connectors
Power Accessories	PoE Switch or PoE Injectors (where applicable)
Installation Kit	Mounting Brackets, Waterproof Connectors and Screws
User Documentation	Installation Manual and Configuration Guide



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CCTV TYPE 4

ITEM	SPECIFICATION
Camera Type	Fixed IP CCTV Camera (Dome or Bullet)
Image Sensor	Minimum 1/2.8" Progressive Scan CMOS
Resolution	Minimum 4 Megapixels (2560 × 1440)
Maximum Resolution	At least 2688 × 1520 Pixels
Lens Type	Fixed Lens
Focal Length	2.8 mm or 4 mm
Viewing Angle	Minimum 100° Horizontal Field of View
Video Compression	H.265+, H.265, H.264+, H.264
Frame Rate	Up to 25/30 fps at Full Resolution
Minimum Illumination	Colour: 0.005 Lux or Better; 0 Lux with White Light/Smart Hybrid Light
Night Vision	Full-Colour Night Vision with Smart Hybrid Light (IR + White Light)
Night Vision Range	Minimum 30 Metres
Wide Dynamic Range (WDR)	Minimum 120 dB True WDR
Image Enhancement	3D DNR, BLC, HLC, Defog
Smart Features	Motion Detection, Human Detection, Vehicle Detection, Line Crossing Detection, Intrusion Detection, Video Tampering Alarm
Audio	Built-in Microphone with Audio Recording Support
Storage	MicroSD Card Slot Supporting up to 256 GB
Network Interface	1 × RJ-45 10/100 Mbps Ethernet Port
Network Protocols	TCP/IP, IPv4/IPv6, HTTP, HTTPS, RTSP, FTP, SMTP, DHCP, DNS, NTP, SNMP, ONVIF
ONVIF Compliance	ONVIF Profile S/G/T Compatible
Power Supply	IEEE 802.3af PoE and 12V DC
Power Consumption	Maximum 10 W
Weather Protection	IP67 Weatherproof
Vandal Resistance	IK10 (For Dome Model Preferred)
Housing Material	Metal Housing
Operating Temperature	-30°C to +60°C
Mounting	Wall or Ceiling Mount
Warranty	Minimum 1 Year Manufacturer's Warranty

NVR

ITEM	SPECIFICATION
Recorder Type	Network Video Recorder (NVR)
Video Channels	Minimum 16 IP Camera Channels
IP Camera Compatibility	ONVIF-Compliant IP Cameras
Maximum Recording Resolution	Up to 8 MP per Camera
Video Compression	H.265+, H.265, H.264+, H.264
Incoming Bandwidth	Minimum 160 Mbps
Outgoing Bandwidth	Minimum 160 Mbps
Video Outputs	HDMI (4K Supported) and VGA
Audio Support	Two-Way Audio and Audio Recording
Smart Functions	Motion Detection, Human Detection, Vehicle Detection, Intelligent Search
Hard Disk Bays	Minimum 2 SATA Interfaces
Storage Capacity	Supports up to 10 TB per Hard Disk
Installed Storage	Minimum 4 TB Surveillance Grade Hard Disk Drive
USB Ports	Minimum 2 USB Ports (USB 2.0/3.0)
Network Interface	1 × RJ-45 10/100/1000 Mbps Ethernet Port
Remote Access	Android, iOS, Windows Client and Web Browser
Playback	Simultaneous Playback of up to 16 Channels
Recording Modes	Continuous, Scheduled, Motion Detection and Event Recording
Power Supply	100–240V AC, 50/60Hz
Warranty	Minimum 1 Year Manufacturer's Warranty

ACCESSORIES

ITEM	SPECIFICATION
Hard Disk	Minimum 4 TB Surveillance Grade HDD Installed
Network Cable	Cat6 UTP Cable
PoE Switch	Gigabit PoE Switch (8-Port or 16-Port, Depending on Installation)
Connectors	RJ-45 Connectors
Mounting Kit	Wall/Ceiling Mounting Accessories
User Documentation	Installation Manual and Configuration Guide



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PHONE TYPE 1(i)

Network	Technology	GSM / CDMA / HSPA / EVDO / LTE / 5G
BODY	Dimensions	163.4 x 78 x 8.8 mm (6.43 x 3.07 x 0.35 in)
	Weight	233 g (8.22 oz)
	Build	Glass front (Ceramic Shield 2), aluminum alloy frame, aluminum alloy back/ glass back (Ceramic Shield)
	SIM	Nano-SIM + eSIM + eSIM (max 2 at a time; International) eSIM + eSIM (8 or more, max 2 at a time; USA) Nano-SIM + Nano-SIM (China) IP68 dust tight and water resistant (immersible up to 6m for 30 min) Apple Pay (Visa, MasterCard, AMEX certified)
DISPLAY	Type	LTPO Super Retina XDR OLED, 120Hz, HDR10, Dolby Vision, 1000 nits (typ), 1600 nits (HBM), 3000 nits (peak)
	Size	6.9 inches, 115.6 cm ² (~90.7% screen-to-body ratio)
	Resolution	1320 x 2868 pixels, 19.5:9 ratio (~460 ppi density)
	Protection	Ceramic Shield 2, Mohs level 5 Anti-reflective coating
PLATFORM	OS	iOS 26, upgradable to iOS 26.2
	Chipset	Apple A19 Pro (3 nm)
	CPU	Hexa-core (2x4.26 GHz + 4xX.X GHz)
	GPU	Apple GPU (6-core graphics)
	Chipset	Apple A19 Pro (3 nm)
MEMORY	Internal	256GB 12GB RAM, NVMe/ 1 TB
	Card slot	No
MAIN CAMERA	Triple	48 MP, f/1.8, 24mm (wide), 1/1.28", 1.22µm, dual pixel PDAF, sensor-shift OIS 48 MP, f/2.8, 100mm (periscope telephoto), 1/2.55", 0.7µm, PDAF, 3D sensor-shift OIS, 4x optical zoom 48 MP, f/2.2, 13mm, 120° (ultrawide), 1/2.55", 0.7µm, PDAF TOF 3D LiDAR scanner (depth)
	Features	Dual-LED dual-tone flash, HDR (photo/panorama)
	Video	4K@24/25/30/60/100/120fps, 1080p@25/30/60/120/240fps, 10-bit HDR, Dolby Vision HDR (up to 120fps), ProRes, ProRes RAW (up to 120fps), Apple Log 2, 3D (spatial) video/audio, stereo sound rec.
SELFIE CAMERA	Single	18 MP multi-aspect, f/1.9, 20mm (ultrawide), PDAF SL 3D, (depth/biometrics sensor)
	Features	HDR, Dolby Vision HDR, 3D (spatial) audio, stereo sound rec., ProRes RAW, Apple Log 2
	Video	4K@24/25/30/60fps, 1080p@25/30/60/120fps, gyro-EIS
SOUND	Loudspeaker	Yes, with stereo speakers

	3.5mm jack	No
COMMS	WLAN	Wi-Fi 802.11 a/b/g/n/ac/6e, dual-band, hotspot
	Bluetooth	5.3, A2DP, LE
	Positioning	GPS (L1+L5), GLONASS, GALILEO, BDS, QZSS, NavIC
	NFC	Yes
	Radio	No
	USB	USB Type-C 3.2 Gen 2, DisplayPort
FEATURES	Sensors	Face ID, accelerometer, gyro, proximity, compass, barometer
		Ultra Wideband (UWB) support (gen2 chip) Emergency SOS, Messages and Find My via satellite
BATTERY	Type	Li-Ion 4823 mAh - Nano SIM model
	Charging	Wired, PD3.2, AVS, 50% in 20 min 25W wireless MagSafe/Qi2, 50% in 30 min (15W - China) 4.5W reverse wired
DEVICE SHALL BE SUPPLIED BRAND NEW, SEALED IN ORIGINAL MANUFACTURER PACKAGING WITH GENUINE ACCESSORIES, DOCUMENTATION, AND MANUFACTURER'S WARRANTY.		



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PHONE TYPE 1(ii)

ITEM	SPECIFICATION
NETWORK	Technology: GSM / CDMA / HSPA / EVDO / LTE / 5G
BODY	Dimensions: Approximately 162.8 × 77.6 × 8.2 mm
	Weight: Approximately 218 g
	Build: Glass Front (Corning® Gorilla® Armor 2), Glass Back (Corning® Gorilla® Glass Victus® 2), Grade 5 Titanium Frame
	SIM: Nano-SIM + Nano-SIM + eSIM + eSIM (Maximum 2 Active Simultaneously, Region Dependent)
	Protection: IP68 Dust and Water Resistant (Up to 1.5 m for 30 Minutes)
	Stylus: Integrated S Pen
DISPLAY	Type: Dynamic LTPO AMOLED 2X, 120 Hz Adaptive Refresh Rate, HDR10+, Vision Booster
	Brightness: Up to 2,600 nits Peak Brightness
	Size: 6.9 Inches
	Resolution: 1440 × 3120 Pixels (QHD+)
	Aspect Ratio: 19.5:9
	Pixel Density: Approximately 498 ppi
	Protection: Corning® Gorilla® Armor 2 with DX Anti-Reflective Coating
PLATFORM	Operating System: Android 16 with One UI 8
	Upgrade Support: Up to 7 Major Android OS Upgrades and 7 Years of Security Updates
	Chipset: Qualcomm Snapdragon® 8 Elite 2 (3 nm)
	CPU: Octa-Core Processor
	GPU: Adreno™ Next-Generation GPU
MEMORY	Card Slot: No
	Internal Storage: 512 GB/ 1 TB
	RAM: 12 GB
	Storage Technology: UFS 4.1
MAIN CAMERA	Quad Camera System:
	200 MP , Wide, f/1.7, Optical Image Stabilization (OIS), Multi-Directional PDAF
	50 MP , Periscope Telephoto, 5× Optical Zoom, OIS
	50 MP , Telephoto, 3× Optical Zoom, OIS
	50 MP , Ultra-Wide, 120° Field of View, Super Steady Video
	Features: Laser Autofocus, LED Flash, Auto HDR, Panorama, AI Image Processing, Best Face
	Video Recording: 8K@30fps, 4K@30/60/120fps, 1080p@30/60/120/240fps, HDR10+, Stereo Sound Recording, Gyro-EIS
SELFIE CAMERA	Front Camera: 12 MP, Wide, Dual Pixel PDAF
	Features: HDR, HDR10+

	Video Recording: 4K@30/60fps, 1080p@30fps
SOUND	Loudspeaker: Stereo Speakers Tuned by AKG
	3.5 mm Audio Jack: No
	Audio: 32-bit/384 kHz Audio, Dolby Atmos
COMMUNICATIONS	WLAN: Wi-Fi 802.11 a/b/g/n/ac/6e/7, Tri-Band, Wi-Fi Direct
	Bluetooth: Version 5.4
	Positioning: GPS, GLONASS, Galileo, BDS, QZSS
	NFC: Yes
	Ultra-Wideband (UWB): Yes
	USB: USB Type-C 3.2, DisplayPort, OTG
FEATURES	Sensors: Ultrasonic Under-Display Fingerprint Sensor, Accelerometer, Gyroscope, Proximity Sensor, Compass, Barometer
	AI Features: Galaxy AI, Circle to Search, Live Translate, Note Assist, Interpreter, Transcript Assist, Photo Assist
BATTERY	Type: Li-Ion 5,000 mAh
	Charging: 45 W Fast Wired Charging (USB Power Delivery 3.0), 15 W Wireless Charging (Qi2 Ready), 4.5 W Reverse Wireless Charging
WARRANTY	1 Year Manufacturer's Warranty (12 Months)
ACCESSORIES INCLUDED	USB Type-C Cable, SIM Eject Tool, Quick Start Guide
DEVICE SHALL BE SUPPLIED BRAND NEW, SEALED IN ORIGINAL MANUFACTURER PACKAGING WITH GENUINE ACCESSORIES, DOCUMENTATION, AND MANUFACTURER'S WARRANTY.	



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PHONE TYPE 2

ITEM	SPECIFICATION
NETWORK	Technology: GSM / CDMA / HSPA / EVDO / LTE / 5G
BODY	Dimensions: Approximately 158.4 × 75.8 × 7.3 mm
	Weight: Approximately 195 g
	Build: Glass Front (Corning® Gorilla® Glass Victus® 2), Glass Back (Corning® Gorilla® Glass Victus® 2), Armor Aluminum Frame
	SIM: Nano-SIM + Nano-SIM + eSIM + eSIM (Maximum 2 Active Simultaneously, Region Dependent)
	Protection: IP68 Dust and Water Resistant (Up to 1.5 m for 30 Minutes)
DISPLAY	Type: Dynamic LTPO AMOLED 2X, 120 Hz Adaptive Refresh Rate, HDR10+, Vision Booster
	Brightness: Up to 2,600 nits Peak Brightness
	Size: 6.7 Inches
	Resolution: 1440 × 3120 Pixels (QHD+)
	Aspect Ratio: 19.5:9
	Pixel Density: Approximately 513 ppi
PLATFORM	Protection: Corning® Gorilla® Glass Victus® 2
	Operating System: Android 16 with One UI 8
	Upgrade Support: Up to 7 Major Android OS Upgrades and 7 Years of Security Updates
	Chipset: Qualcomm Snapdragon® 8 Elite 2 (3 nm)
	CPU: Octa-Core Processor
MEMORY	GPU: Adreno™ Next-Generation GPU
	Card Slot: No
	Internal Storage: 512 GB
	RAM: 12 GB
MAIN CAMERA	Storage Technology: UFS 4.1
	Triple Camera System:
	50 MP , Wide, f/1.8, Optical Image Stabilization (OIS), Dual Pixel PDAF
	10 MP , Telephoto, 3× Optical Zoom, OIS
	12 MP , Ultra-Wide, 120° Field of View
	Features: LED Flash, Auto HDR, Panorama, Super Steady Video, AI Image Processing
	Video Recording: 8K@30fps, 4K@30/60fps, 1080p@30/60/120/240fps, HDR10+, Stereo Sound Recording, Gyro-EIS
SELFIE CAMERA	Front Camera: 12 MP, Wide, Dual Pixel PDAF
	Features: HDR, HDR10+
	Video Recording: 4K@30/60fps, 1080p@30fps
SOUND	Loudspeaker: Stereo Speakers Tuned by AKG
	3.5 mm Audio Jack: No
	Audio: 32-bit/384 kHz Audio, Dolby Atmos

COMMUNICATIONS	WLAN: Wi-Fi 802.11 a/b/g/n/ac/6e/7, Tri-Band, Wi-Fi Direct
	Bluetooth: Version 5.4
	Positioning: GPS, GLONASS, Galileo, BDS, QZSS
	NFC: Yes
	Ultra-Wideband (UWB): Yes
	USB: USB Type-C 3.2, DisplayPort, OTG
FEATURES	Sensors: Ultrasonic Under-Display Fingerprint Sensor, Accelerometer, Gyroscope, Proximity Sensor, Compass, Barometer
	AI Features: Galaxy AI, Circle to Search, Live Translate, Note Assist, Interpreter, Transcript Assist, Photo Assist
	Desktop Mode: Samsung DeX (Wired and Wireless)
BATTERY	Type: Li-Ion 4,900 mAh
	Charging: 45 W Fast Wired Charging (USB Power Delivery 3.0), 15 W Wireless Charging (Qi2 Ready), 4.5 W Reverse Wireless Charging
WARRANTY	1 Year Manufacturer's Warranty (12 Months)
ACCESSORIES INCLUDED	USB Type-C Cable, SIM Eject Tool, Quick Start Guide
DEVICE SHALL BE SUPPLIED BRAND NEW, SEALED IN ORIGINAL MANUFACTURER PACKAGING WITH GENUINE ACCESSORIES, DOCUMENTATION, AND MANUFACTURER'S WARRANTY.	



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PHONE TYPE 3

ITEM	SPECIFICATION
NETWORK	Technology: GSM / HSPA / LTE / 5G
BODY	Dimensions: Approximately 161.1 × 77.4 × 7.4 mm
	Weight: Approximately 198 g
	Build: Glass Front (Corning® Gorilla® Glass Victus+), Glass Back, Aluminum Frame
	SIM: Dual Nano-SIM + eSIM (Region Dependent)
	Protection: IP67 Dust and Water Resistant (Up to 1 Metre for 30 Minutes)
DISPLAY	Type: Super AMOLED, 120 Hz Refresh Rate, Vision Booster
	Brightness: Up to 1,900 nits Peak Brightness
	Size: 6.7 Inches
	Resolution: 1080 × 2340 Pixels (FHD+)
	Aspect Ratio: 19.5:9
	Pixel Density: Approximately 385 ppi
	Protection: Corning® Gorilla® Glass Victus+
PLATFORM	Operating System: Android 16 with One UI 8
	Upgrade Support: Up to 6 Major Android OS Upgrades and 6 Years of Security Updates
	Chipset: Exynos 1680 (4 nm) or Equivalent
	CPU: Octa-Core Processor
	GPU: Xclipse Series Graphics
MEMORY	Card Slot: microSDXC (Dedicated Slot or Hybrid Depending on Model)
	Internal Storage: 256 GB
	RAM: 12 GB
	Storage Technology: UFS 3.1
MAIN CAMERA	Triple Camera System:
	50 MP , Wide, Optical Image Stabilization (OIS), PDAF
	12 MP , Ultra-Wide, 123° Field of View
	5 MP , Macro Camera
	Features: LED Flash, Panorama, HDR, AI Scene Optimizer
	Video Recording: 4K@30fps, 1080p@30/60fps, Super Steady Video
SELFIE CAMERA	Front Camera: 12 MP, Wide
	Features: HDR
	Video Recording: 4K@30fps, 1080p@30fps
SOUND	Loudspeaker: Stereo Speakers
	3.5 mm Audio Jack: No
	Audio: Dolby Atmos
COMMUNICATIONS	WLAN: Wi-Fi 6 (802.11 a/b/g/n/ac/ax), Dual-Band, Wi-Fi Direct

	Bluetooth: Version 5.3
	Positioning: GPS, GLONASS, Galileo, BDS, QZSS
	NFC: Yes
	Radio: No
	USB: USB Type-C 2.0, OTG
FEATURES	Sensors: Optical Under-Display Fingerprint Sensor, Accelerometer, Gyroscope, Proximity Sensor, Compass
	AI Features: Circle to Search, AI Photo Editing, Object Eraser, Live Translate (where supported)
BATTERY	Type: Li-Ion 5,000 mAh
	Charging: 45 W Fast Wired Charging
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ACCESSORIES INCLUDED	USB Type-C Cable, SIM Eject Tool, Quick Start Guide
DEVICE SHALL BE SUPPLIED BRAND NEW, SEALED IN ORIGINAL MANUFACTURER PACKAGING WITH GENUINE ACCESSORIES, DOCUMENTATION, AND MANUFACTURER'S WARRANTY.	



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PHONE TYPE 4

ITEM	SPECIFICATION
NETWORK	Technology: GSM / HSPA / LTE / 5G
BODY	Dimensions: 162.9 × 78.2 × 7.4 mm
	Weight: 196 g
	Build: Glass Front (Corning® Gorilla® Glass Victus+), Glass Back, Plastic Frame
	SIM: Nano-SIM + Nano-SIM + eSIM + eSIM (Maximum 2 Active Simultaneously, Region Dependent)
	Protection: IP68 Dust and Water Resistant (Up to 1.5 m for 30 Minutes)
DISPLAY	Type: Super AMOLED, 120 Hz Refresh Rate
	Size: 6.7 Inches
	Resolution: 1080 × 2340 Pixels (FHD+)
	Aspect Ratio: 19.5:9
	Pixel Density: Approximately 385 ppi
PLATFORM	Protection: Corning® Gorilla® Glass Victus+
	Operating System: Android 16 with One UI 8.5
	Upgrade Support: Up to 6 Major Android OS Upgrades and 6 Years of Security Updates
	Chipset: Exynos 1480 (4 nm) or Equivalent
	CPU: Octa-Core Processor
MEMORY	GPU: Xclipse 530
	Card Slot: No
	Internal Storage: 256 GB
	RAM: 12 GB
MAIN CAMERA	Storage Technology: UFS Storage
	Triple Camera System:
	50 MP , Wide Camera with Optical Image Stabilization (OIS)
	8 MP , Ultra-Wide Camera
	5 MP , Macro Camera
SELFIE CAMERA	Features: LED Flash, HDR, Panorama, AI Scene Optimizer
	Video: 4K@30fps, 1080p@60fps
SOUND	Front Camera: 12 MP Wide
	Features: HDR
	Video: 4K@30fps, 1080p@30fps
COMMS	Loudspeaker: Stereo Speakers
	3.5 mm Jack: No
	Audio: Dolby Atmos
COMMS	WLAN: Wi-Fi 6 (802.11 a/b/g/n/ac/ax), Dual-Band, Wi-Fi Direct
	Bluetooth: Version 5.4
	Positioning: GPS, GLONASS, BDS, GALILEO, QZSS

	NFC: Yes
	Radio: No
	USB: USB Type-C 2.0, OTG
FEATURES	Sensors: Optical Under-Display Fingerprint Sensor, Accelerometer, Gyroscope, Compass, Virtual Proximity Sensing
	AI Features: Awesome Intelligence, Circle to Search, AI Object Eraser, AI Photo Editing
BATTERY	Type: Li-Ion 5,000 mAh
	Charging: 45 W Super Fast Charging
WARRANTY	1 Year's Manufacturer Warranty (12 Months)
ACCESSORIES INCLUDED	USB Type-C Cable, SIM Eject Tool, Quick Start Guide
DEVICE SHALL BE SUPPLIED BRAND NEW, SEALED IN ORIGINAL MANUFACTURER PACKAGING WITH GENUINE ACCESSORIES, DOCUMENTATION, AND MANUFACTURER'S WARRANTY.	



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PRINTER TYPE 1

Specification	Details
Operation Panel	256.5 mm (10.1-inch) full-colour touch panel display, speaker for job notification, 15°–90° swivel mounted
Engine Speed	Up to 35 pages per minute (A4) , up to 17 pages per minute (A3)
Duplex Print Speed	Up to 35 pages per minute (A4)
Duplex Copy Speed	Up to 35 pages per minute (A4)
Resolution	1200 × 1200 dpi (print), 600 × 600 dpi (scan/copy)
Warm-up Time	Approx. 18 seconds or less
Time to First Print	Approx. 5.9 seconds or less (B/W) , 7.7 seconds or less (Colour)
Time to First Copy	Approx. 5.3 seconds or less (B/W) , 7.0 seconds or less (Colour)
CPU	ARM Cortex-A53 Quad-Core 1.6 GHz
Memory	Standard 4 GB RAM + 64 GB SSD
Standard Interface	USB 3.0 (Super-Speed USB), USB Host, Gigabit Ethernet (10/100/1000Base-T, IPv4/IPv6), Optional Wi-Fi
Weight	Approx. 90 kg
Power Source	AC 220–240 V, 50/60 Hz
Power Consumption	Printing: Approx. 590 W , Ready Mode: Approx. 40 W , Sleep Mode: Approx. 0.5 W
Noise	Sleep Mode: Immeasurably low, Ready Mode: Immeasurably low, Printing: Approx. 49 dB(A)

PAPER HANDLING

Specification	Details
Input Capacity	Multipurpose Tray: 150 sheets , 52–300 gsm; Standard Paper Cassette: 2 × 500 sheets , 52–300 gsm
Maximum Input Capacity	Up to 7,150 sheets (with optional paper feeders)
Duplex	Standard, 60–256 gsm
Output Capacity	Standard 500 sheets face-down

PRINT FUNCTION

Specification	Details
Emulations	PCL6 (PCL5c/PCL-XL), KPDL3 (PostScript 3 Compatible), PDF Direct Print, XPS Direct Print
Operating Systems	Windows 10/11, Windows Server, macOS, Linux, Chrome OS
Fonts/Barcodes	93 Outline Fonts (PCL), 136 Fonts (KPDL3), Barcode Printing Support
Print Features	Secure Print, Encrypted PDF Direct Print, IPP Printing, WSD Print, SSL, IPsec, SNMPv3, Private Print, Job Storage, Job Management
Mobile Printing Support	AirPrint, Mopria, KYOCERA Mobile Print, Microsoft Universal Print

COPY FUNCTION

Specification	Details
Maximum Original Size	A3
Continuous Copying	1–9,999
Zoom Range	25–400% (1% increments)
Preset Magnification Ratios	5 Reductions / 5 Enlargements
Exposure Mode	Auto, Manual
Image Adjustments	Text, Photo, Text + Photo, Map
Features	Scan-once-copy-many, Electronic Sort, 2-in-1, 4-in-1, Image Repeat, Page Numbering, Booklet Copy, Cover Mode, Form Overlay, Margin Shift, Auto Cassette Change, ID Copy, Skip Blank Page

SCAN FUNCTION

Specification	Details
Functionality	Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan-to-USB, Scan-to-Box, Network TWAIN, WSD Scan
Scan Speed	Up to 200 ipm (A4 Duplex, with optional Dual Scan Document Processor)
Scan Resolution	200, 300, 400, 600 dpi; Up to 1200 dpi (TWAIN/WIA)
Colour Depth	256 Greyscales per Colour
Maximum Scan Size	A3
Original Recognition	Text, Photo, Text + Photo, OCR Optimised
File Types	TIFF, JPEG, PDF, PDF/A, OpenXPS, Encrypted PDF, High Compression PDF, Searchable PDF (Optional), MS Office Files (Optional)



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PRINTER TYPE 2

Specification	Details
Operation Panel	256.5 mm (10.1-inch) full-colour touch panel display, speaker for job notification, 15°–90° swivel mounted
Engine Speed	Up to 50 pages A4 per minute , up to 25 pages A3 per minute
Duplex Print Speed	50 pages per minute (A4)
Duplex Copy Speed	50 pages per minute (A4)
Resolution	1200 × 1200 dpi (print), 600 × 600 dpi (scan/copy)
Warm-up Time	Approx. 17 seconds or less
Time to First Print	Approx. 4.3 seconds or less
Time to First Copy	Approx. 3.7 seconds or less
CPU	ARM Cortex-A53 1.6 GHz
Memory	Standard 4 GB RAM + 256 GB SSD , Optional 1 TB HDD
Standard Interface	USB 3.0 (Super-Speed USB), 4 × USB Host, Gigabit Ethernet (10Base-T/100Base-TX/1000Base-T, IPv4/IPv6), Optional Wi-Fi
Weight	Approx. 83 kg
Dimensions (W × D × H)	602 × 665 × 790 mm
Power Source	AC 220–240 V, 50/60 Hz
Power Consumption	Printing/Copying: 660 W , Ready Mode: 40 W , Sleep Mode: 0.4 W
Noise	Sleep Mode: Immeasurably low, Ready Mode: Immeasurably low, Printing: Approx. 49 dB(A)

PAPER HANDLING

Specification	Details
Input Capacity	Multi-purpose Tray: 150 sheets , 52–300 g/m ² (A6R–SRA3, Banner up to 1,220 mm); Standard Paper Cassettes: 2 × 500 sheets , 52–300 g/m ²
Maximum Input Capacity	Up to 7,150 sheets (A4)
Duplex	Standard, 60–256 g/m²
Output Capacity	Standard 500 sheets face-down , Maximum 4,000 sheets (optional finisher)

PRINT FUNCTIONS

Specification	Details
Emulations	PCL6 (PCL5e/PCL-XL), KPDL3 (PostScript 3 Compatible), PDF Direct Print, XPS Direct Print, OpenXPS
Operating Systems	Windows 8.1/10/11, Windows Server 2012/2016/2019/2022, macOS, Linux, Chrome OS
Fonts/Barcodes	93 Outline Fonts (PCL6), 136 Fonts (KPDL3), 1 Bitmap Font, Barcode Printing Support
Print Features	Encrypted PDF Direct Print, IPP Printing, WSD Print, Secure Printing via SSL/IPsec/SNMPv3, Private Print, Job Storage, Job Management
Mobile Printing Support	AirPrint, Mopria, KYOCERA Mobile Print, Microsoft Universal Print

COPY FUNCTIONS

Specification	Details
Maximum Original Size	A3 (11" × 17")
Continuous Copying	1–9,999
Zoom Range	25–400%, in 1% increments
Preset Magnification Ratios	Full Size, 4 Reductions / 4 Enlargements
Exposure Mode	Auto, Manual
Image Adjustments	Text, Photo, Text + Photo
Features	Scan-once-copy-many, Electronic Sort, 2-in-1, 4-in-1, Booklet Copy, Cover Mode, Margin Shift, ID Copy, Skip Blank Page, Job Build, Repeat Copy

SCAN FUNCTIONS

Specification	Details
Functionality	Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan-to-USB Host, Scan-to-Box, Network TWAIN, WSD Scan
Scan Speed	Up to 274 ipm (300 dpi, A4 Duplex) with optional Dual Scan Document Processor
Scan Resolution	200 × 100 dpi, 200 × 200 dpi, 200 × 400 dpi, 300 × 300 dpi, 400 × 400 dpi, 600 × 600 dpi, 1200 × 1200 dpi (TWAIN/WIA)
Colour Depth	256 greyscales
Maximum Scan Size	A3
Original Recognition	Text, Photo, Text + Photo, Light Text/Fine Line, OCR Optimised
File Types	TIFF, JPEG, PDF, PDF/A, OpenXPS, Encrypted PDF, High Compression PDF, Searchable PDF (Optional), MS Office Files (Optional)



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PRINTER TYPE 3

Specification	Details
Operation Panel	7-inch full-colour touch screen (TSI)
Engine Speed	Up to 42 pages per minute (A4) in Colour & Black
Duplex Print Speed	Up to 33 ppm (A4)
Resolution	1200 × 1200 dpi, 9600 × 600 dpi (interpolated), 600 × 600 dpi
Warm-up Time	Approx. 26 seconds or less
Time to First Print	Approx. 5.4 seconds (B/W) , 6.6 seconds (Colour)
Time to First Copy	Approx. 5.8 seconds (B/W) , 6.9 seconds (Colour)
Processor	ARM Cortex-A9 Dual-Core 1.2 GHz + ARM Cortex-M3 100 MHz
Memory	Standard 2 GB RAM , expandable to 3 GB
Standard Interface	Gigabit Ethernet (10/100/1000Base-T), USB 2.0 High-Speed, USB Host, Optional Wi-Fi/Wi-Fi Direct
Weight	Approx. 39 kg
Dimensions (W × D × H)	480 × 577.5 × 575 mm
Power Source	AC 220–240 V, 50/60 Hz
Power Consumption	Printing: 573.6 W , Copying: 575.0 W , Ready Mode: 18.8 W , Sleep Mode: 0.5 W
Noise	Printing: 53 dB(A) , Ready Mode: Immeasurably low

PAPER HANDLING

Specification	Details
Input Capacity	Standard 250-sheet cassette + 100-sheet multipurpose tray
Maximum Input Capacity	Up to 2,000 sheets (with optional paper feeders)
Duplex	Standard, 60–163 g/m²
Output Capacity	Standard 250 sheets face-down
Document Processor	Standard 100-sheet One-Path Dual Scan Document Processor (DP)

PRINT FUNCTION

Specification	Details
Emulations	PCL6 (PCL5c/PCL-XL), KPDL3 (PostScript® 3 Compatible), PDF Direct Print, XPS Direct Print, OpenXPS
Operating Systems	Windows 10/11, Windows Server, macOS, Linux, Chrome OS
Fonts/Barcodes	93 Outline Fonts (PCL), 136 Fonts (KPDL3), Calibri, Cambria, Bitmap Fonts, 1D & 2D Barcode Support
Print Features	Secure Print, Private Print, Proof & Hold, Quick Copy, Job Storage, Encrypted PDF Direct Print, IPP Printing, WSD Printing, SSL/IPsec/SNMPv3
Mobile Printing Support	AirPrint, Mopria, KYOCERA Mobile Print, Wi-Fi Direct (Optional), Microsoft Universal Print

COPY FUNCTIONS

Specification	Details
Maximum Original Size	Legal (8.5 × 14 in)
Continuous Copying	1–999
Zoom Range	25–400% in 1% increments
Preset Magnification Ratios	Full Size, 7 Reduction Ratios, 5 Enlargement Ratios
Exposure Mode	Auto, Manual
Image Adjustments	Auto Colour Select, Colour Balance, Background Density Adjustment
Features	Auto Paper Select, Auto Duplex, Continuous Scan, Blank Page Skip, ID Card Copy, Quiet Mode

SCAN FUNCTIONS

Specification	Details
Functionality	Scan-to-Email, Scan-to-SMB, Scan-to-FTP, Scan-to-USB, TWAIN, WIA, WSD Scan
Scan Speed	Simplex: 60 ipm (B/W), 50 ipm (Colour) @300 dpi; Duplex: 120 ipm (B/W), 100 ipm (Colour) @300 dpi
Scan Resolution	200 × 100, 200 × 200, 300 × 300, 400 × 400, 600 × 600 dpi
Colour Depth	256 Greyscales
Maximum Scan Size	Legal (8.5 × 14 in)
File Types	TIFF, JPEG, PDF, PDF/A-1, PDF/A-2, High Compression PDF, Encrypted PDF, OpenXPS
Scan Features	Continuous Scan, Mixed Originals, Blank Page Skip, ID Card Copy, Auto Crop



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PRINTER TYPE 4

Specification	Details
General Type	Monochrome Multifunction Printer (Print/Copy/Scan), A4
Operation Panel	177.8 mm (7-inch) full-colour touch panel display with speaker and tilt mechanism
Engine Speed	Up to 45 pages per minute (A4)
Duplex Print Speed	Up to 22.5 pages per minute (A4)
Duplex Copy Speed	Up to 22.5 pages per minute (A4)
Resolution	1200 × 1200 dpi (Print), 600 × 600 dpi (Scan/Copy)
Warm-up Time	Approx. 23 seconds or less
Time to First Print	Approx. 5.3 seconds or less
Time to First Copy	Approx. 6 seconds or less (ADF), 7 seconds or less (Platen)
CPU	ARM Cortex-A53 Dual-Core 1.4 GHz
Memory	Standard 1.5 GB RAM , Expandable to 3.5 GB
Standard Interface	USB 2.0 (Hi-Speed), 1 × USB Host, Gigabit Ethernet (10/100/1000Base-T), 1 × eKUIO slot, Optional Wireless LAN (IEEE 802.11 b/g/n), Optional SD Card
Integrated Accounting	100 Department Codes
Dimensions (W × D × H)	475 × 476 × 575 mm
Weight	Approx. 23 kg
Power Source	AC 220–240 V, 50/60 Hz
Power Consumption	Printing: 599.4 W , Copying: 591.9 W , Ready Mode: 57.2 W , Low Power Mode: 35 W , Sleep Mode: 0.5 W
Noise Level	Printing/Copying: 54 dB(A) , Standby: 30 dB(A)

PAPER HANDLING

Specification	Details
Multi-purpose Tray	100 sheets, 60–220 g/m²
Standard Cassette	500 sheets, 60–120 g/m²
Maximum Input Capacity	2,600 sheets
Duplex Unit	Standard, 60–120 g/m ²
Document Processor	Reverse Automatic Document Processor (RADP), 75 sheets, 50–120 g/m²
Maximum Original Size	A4 / Legal
Output Capacity	250 sheets face-down

PRINT FUNCTIONS

Specification	Details
Controller Language	PRESCRIBE
Emulations	PCL6 (PCL5c/PCL-XL), KPDL3 (PostScript® 3 Compatible), PDF Direct Print, XPS Direct Print, OpenXPS, TIFF/JPEG Direct Print, URF, PWG Raster, PCLm
Operating Systems	Windows, macOS 10.9 or later, Linux, Chrome OS
Fonts / Barcodes	93 Outline Fonts, 4 Calibri Fonts, 4 Cambria Fonts, 1 Bitmap Font, 45 One-dimensional Barcodes, PDF417
Print Features	Secure Printing, Encrypted PDF Direct Print, IPP Printing, WSD Print, HTTPS, IPsec, SNMPv3, TLS 1.3, Private Print, Job Storage, Universal Print
Mobile Printing Support	AirPrint, Mopria, KYOCERA Mobile Print, Microsoft Universal Print, Optional Wi-Fi Direct

COPY FUNCTIONS

Specification	Details
Maximum Original Size	A4 / Legal
Continuous Copying	1–999
Zoom Range	25–400% (1% increments)
Preset Magnification Ratios	7 Reductions / 5 Enlargements
Image Adjustments	Text + Photo, Photo, Text, Chart/Map, Printed Document
Digital Copy Features	Electronic Sort, ID Card Copy, 2-in-1, 4-in-1, Auto Cassette Change, Skip Blank Page, Skip Line, Auto Cropping

SCAN FUNCTIONS

Specification	Details
Functionality	Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan-to-USB Host, Network TWAIN, WIA, WSD Scan, Chrome OS Scan, AirPrint, Mopria
Scan Speed	Simplex: 60 ipm (B/W), 40 ipm (Colour); Duplex: 26 ipm (B/W), 17 ipm (Colour) (300 dpi, A4)
Scan Resolution	600, 400, 300, 200 dpi , 256 greyscales per colour
Maximum Scan Size	A4 / Legal / Banner (up to 915 mm)
Original Recognition	Text, Photo, Text + Photo, Light Text, OCR Optimised
File Types	TIFF, JPEG, XPS, OpenXPS, PDF, PDF/A, PDF/A-1a/b, PDF/A-2a/b/u, Encrypted PDF, High Compression PDF
Scan Features	Banner Scan, Colour Scan, Integrated Address Book, Active Directory Support, Encrypted Data Transfer, Multi-Send, Blank Page Skip



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PRINTER TYPE 5

Specification	Details
General Type	Colour Laser Multifunction Printer (Print, Copy, Scan, Fax)
Operation Panel	4.3-inch (10.92 cm) Colour Touchscreen Graphic Display
Print Speed	Up to 27 ppm (A4) Colour & Black
Duplex Print Speed	Up to 27 ipm (A4) Automatic Duplex
Resolution	600 × 600 dpi , up to 38,400 × 600 enhanced dpi
Warm-up Time	Approx. 13 minutes from Auto-Off, 48 seconds from Sleep
Time to First Print	Approx. 9.5 seconds (Black) , 11.1 seconds (Colour)
Processor	1200 MHz
Memory	512 MB NAND Flash + 512 MB DRAM
Standard Interface	Hi-Speed USB 2.0, USB Host, Gigabit Ethernet (10/100/1000Base-T), Dual-band Wi-Fi (802.11b/g/n), Wi-Fi Direct, Bluetooth Low Energy
Weight	Approx. 23.4 kg
Dimensions (W × D × H)	416 × 472 × 400 mm
Power Source	AC 220–240 V, 50/60 Hz
Power Consumption	Printing: 550 W , Ready: 20 W , Sleep: 0.7 W , Off: 0.06 W
Duty Cycle	Up to 50,000 pages/month
Recommended Monthly Volume	750–4,000 pages

PAPER HANDLING

Specification	Details
Input Capacity	50-sheet Multipurpose Tray + 250-sheet Input Tray
Optional Input	550-sheet Paper Tray
Maximum Input Capacity	850 sheets
Automatic Document Feeder	50-sheet Single-pass Duplex ADF
Duplex Printing	Standard Automatic
Supported Paper Sizes	A4, A5, A6, B5, Legal, Letter, Executive, Envelopes, Labels, Custom Sizes
Media Weight	60–200 g/m ² (Tray 1), 60–163 g/m ² (Tray 2)
Output Capacity	150 sheets face-down

PRINT FUNCTIONS

Specification	Details
Print Technology	Laser
Print Languages	HP PCL 6, HP PCL 5e, HP PostScript Level 3 Emulation, PDF, URF, Native Office, PWG Raster
Operating Systems	Windows 11/10/8.1/7, Windows Server, macOS, Android, iOS
Print Features	Automatic Duplex Printing, Secure Print, USB Direct Print, Job Storage, Private Print, IPP Printing
Mobile Printing Support	Apple AirPrint, Mopria, HP Smart App, Wi-Fi Direct, Google Cloud Print (legacy support), HP ePrint

COPY FUNCTIONS

Specification	Details
Maximum Original Size	A4 / Legal
Copy Speed	Up to 27 cpm (Colour & Black)
Continuous Copying	1–999 copies
Zoom Range	25–400%
Copy Resolution	Up to 600 × 600 dpi
Features	Duplex Copy, ID Copy, Reduce/Enlarge, Collation, Image Adjustments

SCAN FUNCTIONS

Specification	Details
Scanner Type	Flatbed + 50-sheet Single-pass Duplex ADF
Functionality	Scan-to-Email, Scan-to-Network Folder, Scan-to-USB, Scan-to-PC, TWAIN, WIA
Scan Speed	Up to 29 ipm (Simplex) , 46 ipm (Duplex)
Scan Resolution	Up to 1200 × 1200 dpi (Optical)
Colour Depth	24-bit
Maximum Scan Size	216 × 356 mm (Legal)
File Formats	PDF, JPG, TIFF
Scan Features	Duplex Scanning, OCR Support (via HP Software), Automatic Colour Detection, Blank Page Removal



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PRINTER TYPE 6

Specification	Details
General Type	Monochrome Laser Multifunction Printer (Print, Copy, Scan, Fax)
Operation Panel	2.7-inch (6.86 cm) Colour Touchscreen Display
Print Speed	Up to 40 pages per minute (A4)
Duplex Print Speed	Up to 34 images per minute (A4)
Resolution	1200 × 1200 dpi (Fine Lines)
Warm-up Time	Instant-on Technology (virtually no warm-up)
Time to First Print	Approx. 6.3 seconds or less
Processor	1200 MHz
Memory	512 MB
Standard Interface	Hi-Speed USB 2.0, Front USB Host, Gigabit Ethernet (10/100/1000Base-T), Dual-band Wi-Fi (802.11b/g/n), Wi-Fi Direct, Bluetooth Low Energy
Weight	Approx. 12.6 kg
Dimensions (W × D × H)	420 × 390 × 323 mm
Power Source	AC 220–240 V, 50/60 Hz
Power Consumption	Printing: 510 W , Ready: 7.5 W , Sleep: 0.9 W , Off: 0.06 W
Duty Cycle	Up to 80,000 pages/month
Recommended Monthly Volume	750–4,000 pages

PAPER HANDLING

Specification	Details
Input Capacity	100-sheet Multipurpose Tray + 250-sheet Input Tray
Optional Input	550-sheet Optional Paper Tray
Maximum Input Capacity	900 sheets
Automatic Document Feeder	50-sheet Automatic Document Feeder (ADF)
Duplex Printing	Standard Automatic
Supported Paper Sizes	A4, A5, A6, B5 (JIS), Letter, Legal, Oficio, Executive, Envelopes, Labels, Custom Sizes
Media Weight	Tray 1: 60–200 g/m² ; Tray 2/3: 60–120 g/m²
Output Capacity	150 sheets face-down

PRINT FUNCTIONS

Specification	Details
Print Technology	Monochrome Laser
Print Languages	HP PCL 6, HP PCL 5e, HP PostScript Level 3 Emulation, PDF, URF, Native Office, PWG Raster
Operating Systems	Windows 11/10, Windows Server, macOS, Chrome OS, Android, iOS
Print Features	Automatic Duplex Printing, Secure Print, USB Direct Print, IPP Printing, Job Storage (optional via USB), HP Wolf Pro Security
Mobile Printing Support	Apple AirPrint, Mopria, HP App, Wi-Fi Direct Printing

COPY FUNCTIONS

Specification	Details
Maximum Original Size	Legal (216 × 356 mm)
Copy Speed	Up to 40 cpm
Continuous Copying	1–9,999 copies
Zoom Range	25–400%
Copy Resolution	Up to 600 × 600 dpi
Features	ID Copy, 2-Up Copy, Duplex Copy, Reduce/Enlarge, Collation, Tray Selection, Image Adjustments

SCAN FUNCTIONS

Specification	Details
Scanner Type	Flatbed + 50-sheet Automatic Document Feeder
Functionality	Scan-to-Email, Scan-to-Network Folder, Scan-to-USB, Scan-to-PC, TWAIN, WIA
Scan Speed	Up to 29 ppm / 46 ipm (B/W) , Up to 20 ppm / 34 ipm (Colour)
Scan Resolution	Up to 1200 × 1200 dpi (Optical)
Colour Depth	24-bit
Maximum Scan Size	Flatbed: 216 × 297 mm ; ADF: 216 × 356 mm (Legal)
File Formats	PDF, JPG, TIFF
Scan Features	Duplex Scanning, OCR Support (via HP software), Blank Page Removal, Automatic Colour Detection



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IP PHONES TYPE 1

Specification	Details
Device Type	Enterprise IP Phone
Display	7-inch (17.8 cm) 800 × 480 pixel colour touchscreen with backlight
SIP Accounts / Lines	16 SIP accounts / 16 lines
HD Audio	Yealink Optima HD Voice, Full-duplex Speakerphone, Hearing Aid Compatible (HAC)
Processor	High-performance chipset
Power	Power over Ethernet (PoE IEEE 802.3af Class 3), Optional AC Adapter (5V DC)
Ethernet Ports	2 × Gigabit RJ45 Ethernet Ports
USB Port	1 × USB 2.0 (Bluetooth, Wi-Fi, USB recording)
Headset Support	RJ9 Headset Port, EHS Support, USB Bluetooth Headset (via BT40 dongle)
Expansion Module	Supports up to 6 × EXP40 Expansion Modules
Wall Mount	Optional Wall Mount Bracket
Dimensions (W × D × H)	266 × 226 × 185 mm
Weight	Approx. 1.6 kg
Operating Temperature	-10°C to 50°C
Operating Humidity	10%–95% (Non-condensing)

TELEPHONY FEATURES

Specification	Details
SIP Accounts	16
Local Conferencing	3-way Conference
Call Features	Hold, Mute, DND, Call Waiting, Call Forward, Call Transfer, Call Park, Call Pickup, Redial, Speed Dial, Hotline, Emergency Call
Directory	Local Phonebook (Up to 1,000 Contacts), LDAP/XML Remote Phonebook
Call History	Dialed, Received, Missed, Forwarded Calls
Busy Lamp Field	Supported (BLF/BLA)
Voice Mail	Visual Voice Mail
DSS Keys	Enhanced DSS Keys

AUDIO FEATURES

Specification	Details
HD Voice	Yes
Speakerphone	Full Duplex
Codecs	Opus, G.722, G.711(A/μ), G.723.1, G.729AB, G.726, iLBC
Echo Cancellation	Acoustic Echo Cancellation (AEC)
Voice Processing	VAD, CNG, PLC, AJB, AGC
DTMF	In-band, RFC2833, SIP INFO

NETWORK & CONNECTIVITY

Specification	Details
Network	Dual-Port Gigabit Ethernet
IP Support	IPv4, IPv6
VLAN	IEEE 802.1Q VLAN
QoS	Layer 3 ToS DSCP, 802.1p/Q
Security	TLS, SRTP, HTTPS, AES Encryption, OpenVPN, IEEE 802.1X
IP Assignment	DHCP, Static IP, PPPoE
Time Synchronization	SNTP

CONNECTIVITY & COMPATIBILITY

Specification	Details
Bluetooth	Optional via BT40 USB Dongle
Wi-Fi	Optional via WF40 USB Dongle
USB Recording	Supported
Compatible Platforms	3CX, Asterisk, BroadSoft BroadWorks, FreePBX and other SIP-based IP PBX systems

DISPLAY & USER INTERFACE

Specification	Details
Screen Size	7-inch Colour Touchscreen
Resolution	800 × 480 Pixels
Colour Depth	24-bit Colour
User Interface	Multi-language Graphical Interface
Indicators	LED for Call Status and Message Waiting
Features	Wallpaper, Screensaver, Caller ID with Photo, Soft Keys



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IP PHONES TYPE 2

Specification	Details
Device Type	Enterprise HD IP Phone
Display	3.66-inch 240 × 120 pixel graphical LCD with backlight
SIP Accounts / Lines	6 SIP accounts
Line Keys	8 programmable line keys (up to 21 functions using 3-page view)
HD Audio	Yealink Optima HD Voice, HD handset, Full-duplex speakerphone with Acoustic Echo Cancellation (AEC)
Processor	High-performance VoIP chipset
Power	Power over Ethernet (PoE IEEE 802.3af Class 2), Optional 5V DC Power Adapter
Ethernet Ports	2 × 10/100 Mbps RJ45 Ethernet ports
USB Port	None
Headset Support	RJ9 Headset Port, EHS Support for Wireless Headsets
Expansion Module	Supports up to 6 × EXP39 Expansion Modules
Wall Mount	Optional Wall Mount Bracket
Dimensions (W × D × H)	265 × 210 × 170.5 mm
Weight	Approx. 1.3 kg
Operating Temperature	-10°C to 50°C
Operating Humidity	10%–95% (Non-condensing)

TELEPHONY FEATURES

Specification	Details
SIP Accounts	6
Local Conferencing	3-way Conference
Call Features	Hold, Mute, DND, Call Waiting, Call Forward, Call Transfer, Call Park, Call Pickup, Redial, Speed Dial, Hotline, Emergency Call
Phonebook	Local Directory (Up to 1,000 Contacts), XML/LDAP Remote Phonebook
Call History	Dialed, Received, Missed, Forwarded
Busy Lamp Field (BLF)	Supported
Voice Mail	Message Waiting Indicator (MWI), Visual Voice Mail Support
DSS Keys	Programmable DSS Keys

AUDIO FEATURES

Specification	Details
HD Voice	Yes (Yealink Optima HD Voice)
Speakerphone	Full Duplex
Audio Codecs	G.722, G.711(A/μ), G.723.1, G.729AB, G.726, iLBC
Echo Cancellation	Acoustic Echo Cancellation (AEC)
Voice Processing	VAD, CNG, PLC, AJB, AGC
DTMF	In-band, RFC2833, SIP INFO

NETWORK & SECURITY

Specification	Details
Network	Dual 10/100 Mbps Ethernet Ports
IP Support	IPv4, IPv6
VLAN	IEEE 802.1Q VLAN
QoS	802.1p/Q, Layer 3 DSCP
Security	TLS, SRTP, HTTPS, AES Encryption, OpenVPN, IEEE 802.1X
IP Assignment	DHCP, Static IP
Time Synchronization	SNTP
Auto Provisioning	FTP, TFTP, HTTP, HTTPS, PnP, TR-069

DISPLAY & USER INTERFACE

Specification	Details
Screen Size	3.66-inch Graphical LCD
Resolution	240 × 120 Pixels
Backlight	Yes
User Interface	Multi-language Graphical Interface
Indicators	Dual-colour LEDs for Line Status and Message Waiting
Navigation	6 Navigation Keys, 4 Soft Keys



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ROUTER TYPE 1

Specification	Details
Router Type	High-Performance Gigabit Router
Processor	Quad-Core 1 GHz MIPS64
Memory (RAM)	1 GB DDR3
Storage	4 GB eMMC Flash + 8 MB SPI NOR
Operating System	EdgeOS
Ethernet Ports	10 × Gigabit RJ45 (10/100/1000 Mbps)
SFP Ports	2 × 1 Gbps SFP
Management Port	1 × RJ45 Serial Console
PoE Support	24V Passive PoE Input (Port 0), 24V Passive PoE Passthrough Output (Port 9)
Routing Performance	Up to 6.8 Gbps
Packet Forwarding Rate	Up to 3.4 Million Packets per Second (Mpps)
Power Method	External 24 V DC Power Adapter or 24V Passive PoE
Maximum Power Consumption	20 W (excluding PoE output)
Dimensions	268.1 × 136.5 × 31.1 mm
Weight	700 g
Mounting	Desktop, Wall Mount, Optional Rack Mount Kit
Operating Temperature	-10°C to 50°C



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ROUTER TYPE 2

Specification	Details
Router Type	Gigabit Ethernet Router with Dual-Band Wi-Fi 5
CPU	Quad-Core AL21400, 1.4 GHz
Architecture	ARM 32-bit
Memory (RAM)	1 GB
Storage	512 MB NAND
Ethernet Ports	10 × Gigabit Ethernet (10/100/1000 Mbps)
SFP+ Port	1 × 10 Gbps SFP+
Wireless Standards	IEEE 802.11a/b/g/n/ac (Wi-Fi 5)
Wireless Bands	Dual Band 2.4 GHz & 5 GHz
Wireless Speed	Up to 300 Mbps (2.4 GHz) + 1733 Mbps (5 GHz)
Antennas	Built-in High-Gain Antennas (4×4 MIMO on 5 GHz, 2×2 MIMO on 2.4 GHz)
Operating System	RouterOS v7 (Level 5 License)
PoE	Passive PoE-In (Port 1), Passive PoE-Out (Port 10)
USB Port	None
Console Port	RJ45 Serial Console
Dimensions	228 × 120 × 30 mm
Power Input	12–57 V DC
Maximum Power Consumption	44 W
Cooling	Passive (Fanless)
Operating Temperature	-40°C to +45°C



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ROUTER TYPE 3

Specification	Details
Router Type	Wireless SOHO Router
CPU	Atheros AR9344, 600 MHz , Single-Core
Architecture	MIPSBE
Memory (RAM)	128 MB
Storage	128 MB NAND
Ethernet Ports	5 × Fast Ethernet (10/100 Mbps)
Wireless Standard	IEEE 802.11b/g/n (Wi-Fi 4)
Wireless Band	2.4 GHz
Wireless Speed	Up to 300 Mbps
Antennas	Built-in 2 × 2 MIMO, 2.5 dBi
USB Port	1 × USB 2.0 Type-A
PoE Input	Passive PoE-In (Ether1, 8–30 V DC)
PoE Output	Passive PoE-Out (Ether5, up to 500 mA)
Power Input	8–30 V DC (DC Jack or Passive PoE)
Maximum Power Consumption	24 W (7 W without PoE-out load)
Cooling	Passive (Fanless)
Dimensions	113 × 138 × 29 mm
Weight	Approx. 232 g (without power adapter)
Operating Temperature	-20°C to +60°C



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ROUTER TYPE 4

Specification	Details
Router Type	Dual-Band Wireless Router
Wi-Fi Standard	IEEE 802.11a/b/g/n/ac (Wi-Fi 5)
Wi-Fi Speed	Up to 433 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
Wi-Fi Bands	Dual Band (2.4 GHz & 5 GHz)
Antennas	4 × Fixed External Antennas
Ethernet Ports	1 × 10/100 Mbps WAN, 4 × 10/100 Mbps LAN
Operating Modes	Router Mode, Access Point Mode, Range Extender Mode
Security	WPA/WPA2, WPA/WPA2-PSK, WPA3-Personal, SPI Firewall
Guest Network	2.4 GHz & 5 GHz Guest Networks
Parental Controls	Yes
QoS	Device-Based QoS
IPv6 Support	Yes
IPTV Support	IGMP Proxy, IGMP Snooping, Bridge, VLAN
Buttons	WPS/Reset Button
Power Supply	9 V DC / 0.6 A
Dimensions	115 × 106.7 × 24.3 mm
Operating Temperature	0°C to 40°C



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SWITCH TYPE 1

Specification	Details
Switch Type	Managed Layer 3 Gigabit PoE+ Switch
Network Ports	48 × 10/100/1000 Mbps Gigabit RJ45 PoE+ Ports
Uplink Ports	4 × 1 Gigabit SFP Ports
CPU	ARM Dual-Core, 1.5 GHz
RAM (DRAM)	1 GB DDR4
Flash Storage	1 GB SLC Flash
Packet Buffer	1.5 MB
PoE Standard	IEEE 802.3af/at (PoE+)
PoE Budget	375 W
Switching Capacity	104 Gbps
Forwarding Rate	77.38 Mpps
MAC Address Table	16,000 Entries
VLAN Support	Up to 4,094 VLANs
Routing	Static Routing, RIP, OSPF
Jumbo Frames	Up to 9 KB
Security	802.1X, ACLs, DHCP Snooping, IP Source Guard, Dynamic ARP Inspection
Management	Web GUI, CLI, SSH, SNMP v1/v2c/v3, RMON
Power Supply	Internal AC, 100–240 V
Cooling	Smart Internal Fans
Dimensions	445 × 350 × 44 mm
Weight	Approx. 5.4 kg
Warranty	Limited Lifetime Hardware Warranty



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SWITCH TYPE 2

Specification	Details
Switch Type	Managed Layer 3 Gigabit PoE+ Switch
Network Ports	24 × 10/100/1000 Mbps Gigabit RJ45 PoE+ Ports
Uplink Ports	4 × 10 Gigabit SFP+ Ports
CPU	800 MHz ARM Processor
RAM (DRAM)	512 MB
Flash Storage	256 MB
Packet Buffer	1.5 MB
Switching Capacity	128 Gbps
Forwarding Rate	95.23 Mpps
PoE Standard	IEEE 802.3af (PoE) / IEEE 802.3at (PoE+)
PoE Power Budget	195 W
MAC Address Table	16,000 Entries
VLAN Support	Up to 4,094 VLANs (IEEE 802.1Q)
Jumbo Frame Support	Up to 9 KB
Layer 3 Features	Static Routing, RIP, Inter-VLAN Routing
Security Features	802.1X Authentication, Access Control Lists (ACLs), DHCP Snooping, IP Source Guard, Dynamic ARP Inspection, Storm Control, Port Security
QoS	Layer 2/Layer 3/Layer 4 QoS, Voice VLAN, Traffic Prioritization
Management	Web GUI, CLI, SSH, SNMP v1/v2c/v3, RMON, Cisco Business Dashboard
USB Port	1 × USB Type-A (Configuration Backup & Firmware Updates)
Console Port	1 × RJ45 Console Port
Power Supply	Internal AC, 100–240 V AC, 50/60 Hz
Maximum Power Consumption	Approx. 247 W
Cooling	Active Cooling (Internal Smart Fans)
Mounting	1U Rack Mount
Dimensions (W × D × H)	445 × 350 × 44 mm
Weight	Approx. 4.9 kg
Operating Temperature	0°C to 50°C
Warranty	1 year warranty



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SWITCH TYPE 3

Specification	Details
Switch Type	Smart Managed Fast Ethernet PoE Switch (Layer 2)
Network Ports	48 × 10/100 Mbps Fast Ethernet PoE Ports
Uplink Ports	2 × Combo Gigabit RJ45/SFP Ports (one interface active at a time)
Switching Capacity	13.6 Gbps
Forwarding Rate	10.12 Mpps
CPU Memory (RAM)	128 MB
Flash Storage	32 MB
Packet Buffer	12 Mb
MAC Address Table	8,000 Entries
PoE Standard	IEEE 802.3af PoE
PoE Power Budget	375 W
Maximum PoE Output	Up to 15.4 W per port
VLAN Support	Up to 256 VLANs , IEEE 802.1Q
Jumbo Frame Support	Up to 9 KB
QoS	Layer 2 QoS, Voice VLAN, Traffic Prioritization
Security Features	802.1X Authentication, Access Control Lists (ACLs), Port Security, DoS Prevention, Storm Control
Management	Web-Based GUI, SNMP v1/v2c, RMON
IPv6 Support	No (IPv4 Management)
Power Supply	Internal AC Power Supply (100–240 V AC, 50/60 Hz)
Maximum Power Consumption	Approx. 430 W (including full PoE load)
Cooling	Internal Cooling Fans
Mounting	1U Rack Mount
Dimensions (W × D × H)	440 × 350 × 44 mm
Weight	Approx. 5.8 kg
Operating Temperature	0°C to 40°C



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SWITCH TYPE 4

Specification	Details
Switch Type	Unmanaged Gigabit PoE+ Switch
Network Ports	24 × 10/100/1000 Mbps Gigabit RJ45 PoE+ Ports
Uplink Ports	2 × 1 Gigabit SFP Fiber Ports
CPU	Hardware Switching ASIC
RAM (Buffer Memory)	2 Mbit Packet Buffer
Flash Storage	Not Applicable (Unmanaged Switch)
Switching Capacity	52 Gbps
Forwarding Rate	38.69 Mpps
MAC Address Table	8,000 Entries
PoE Standard	IEEE 802.3af / IEEE 802.3at (PoE+)
PoE Power Budget	250 W (Up to 30 W per PoE Port)
PoE Ports	Ports 1–24
Jumbo Frame Support	Up to 9 KB
QoS	IEEE 802.1p Quality of Service
VLAN Mode	Port Isolation via DIP Switch
Extend Mode	Up to 250 m PoE & Data Transmission (Ports 1–8 at 10 Mbps)
PD Alive	Automatic Detection and Restart of Unresponsive PoE Devices
Flow Control	IEEE 802.3x Flow Control
Lightning Protection	6 kV
Energy Efficient Ethernet	IEEE 802.3az
Management	Unmanaged (Plug-and-Play)
Power Supply	Internal AC Power Supply
Power Input	100–240 V AC, 50/60 Hz
Cooling	Smart 5-Speed Cooling Fan
Dimensions (W × D × H)	440 × 180 × 44 mm
Weight	3.0 kg
Operating Temperature	0°C to 40°C



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SWITCH TYPE 5

Specification	Details
Switch Type	Unmanaged Gigabit Ethernet Switch
Network Ports	48 × 10/100/1000 Mbps RJ45 Gigabit Ports
Uplink Ports	None (all 48 ports support auto MDI/MDIX)
CPU	Hardware Switching ASIC
RAM (Buffer Memory)	12 Mb Packet Buffer
Flash Storage	Not Applicable (Unmanaged Switch)
Switching Capacity	96 Gbps
Forwarding Rate	71.4 Mpps
MAC Address Table	16,000 Entries
Forwarding Method	Store-and-Forward
Jumbo Frame Support	Up to 12 KB
Flow Control	IEEE 802.3x Flow Control (Full Duplex), Back Pressure (Half Duplex)
Auto Negotiation	Yes
Auto MDI/MDIX	Yes
Standards & Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x
Management	Unmanaged (Plug-and-Play)
Energy Efficient Ethernet	Yes (IEEE 802.3az Green Ethernet Technology)
Power Supply	Internal AC Power Supply, 100–240 V AC, 50/60 Hz
Maximum Power Consumption	32.3 W
Maximum Heat Dissipation	110.2 BTU/h
Cooling	Internal Fan
Mounting	19-inch 1U Rack Mount
Dimensions (W × D × H)	440 × 220 × 44 mm
Weight	Approx. 3.9 kg
Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Operating Humidity	10%–90% (Non-condensing)
Storage Humidity	5%–90% (Non-condensing)



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SWITCH TYPE 6

Specification	Details
Switch Type	Unmanaged Gigabit Ethernet Switch
Network Ports	24 × 10/100/1000 Mbps RJ45 Gigabit Ports
Uplink Ports	None (all ports support Auto MDI/MDIX)
CPU	Hardware Switching ASIC
RAM (Buffer Memory)	12 Mb Packet Buffer
Flash Storage	Not Applicable (Unmanaged Switch)
Switching Capacity	48 Gbps
Forwarding Rate	35.7 Mpps
MAC Address Table	8,000 Entries
Forwarding Method	Store-and-Forward
Jumbo Frame Support	Up to 10 KB
Standards & Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x
Flow Control	IEEE 802.3x Flow Control (Full Duplex), Back Pressure (Half Duplex)
Auto Negotiation	Yes
Auto MDI/MDIX	Yes
Green Ethernet	IEEE 802.3az Energy-Efficient Ethernet
Advanced Features	Isolation Mode (Ports 1–22), Loop Prevention
Management	Unmanaged (Plug-and-Play)
Power Supply	Internal AC Power Supply, 100–240 V AC, 50/60 Hz
Maximum Power Consumption	13.62 W
Maximum Heat Dissipation	46.44 BTU/h
Cooling	Fanless (Silent Operation)
Mounting	Desktop or 19-inch Rack Mount
Dimensions (W × D × H)	294 × 180 × 44 mm
Weight	Approx. 1.8 kg
Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Operating Humidity	10%–90% (Non-condensing)
Storage Humidity	5%–90% (Non-condensing)



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SERVER CABINET TYPE 1

Specification	Details
Cabinet Type	Free-Standing Data/Server Rack Cabinet
Rack Capacity	42U
Rack Standard	19-inch EIA-310-D Compatible
External Dimensions (W × D × H)	800 × 1000 × 2055 mm (approx.)
Material	Heavy-duty Cold-Rolled Steel
Finish	Black Electrostatic Powder Coating
Front Door	Lockable Tempered Glass Door
Rear Door	Lockable Perforated Steel Door
Side Panels	Removable and Lockable Steel Panels
Mounting Rails	4 × Adjustable 19-inch Mounting Rails with U Markings
Load Capacity	Up to 600 kg (static load)
Cable Entry	Top and Bottom Cable Entry Points with Removable Covers
Cooling	4 × Top-Mounted Cooling Fans
Ventilation	Perforated Rear Door and Top Ventilation
Power Distribution Unit (PDU)	6-Way Rack-Mount PDU (Model Dependent)
Shelves	2 × Adjustable Shelves (Model Dependent)
Castors	4 Heavy-Duty Castor Wheels
Levelling Feet	4 Adjustable Levelling Feet
Grounding	Integrated Earthing/Grounding Kit
Protection Rating	IP20
Assembly	Pre-Assembled or Flat-Pack (Depending on Supplier)
Colour	Black (RAL 9005)



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SERVER CABINET TYPE 2

Specification	Details
Rack Units (U)	22U
Height	Approximately 38.5 inches (98 cm)
Width	19 inches (48.3 cm)
Depth	800 mm (31.5 inches)
Material	Steel or aluminum with powder-coated finish
Weight Capacity	600-1,000 lbs (272-454 kg)
Doors	Front and rear doors, usually perforated for ventilation
Side Panels	Removable or hinged for easy access
Cooling	Includes ventilation options with fan mounts or optional cooling units
Cable Management	Integrated cable management options
Mounting Rails	Adjustable rails to fit various rackmount equipment
Accessibility	Lockable doors for security, convenient access for maintenance
Ventilation	Air vents and fan options for effective airflow
Grounding	Includes grounding provisions for electrical safety



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SERVER CABINET TYPE 3

Specification	Details
Rack Units (U)	18U
Height	Approximately 31.5 inches (80 cm)
Width	19 inches (48.3 cm)
Depth	800 mm (31.5 inches)
Material	Steel or aluminum with powder-coated finish
Weight Capacity	500-800 lbs (227-363 kg)
Doors	Front and rear doors, perforated for ventilation
Side Panels	Removable or hinged for easy access
Cooling	Includes ventilation options with fan mounts or optional cooling units
Cable Management	Integrated cable management options
Mounting Rails	Adjustable rails to fit various rackmount equipment
Accessibility	Lockable doors for security, convenient access for maintenance
Ventilation	Air vents and fan options for effective airflow
Grounding	Includes grounding provisions for electrical safety



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SERVER CABINET TYPE 4

Specification	Details
Rack Units (U)	9U
Height	Approximately 15.75 inches (40 cm)
Width	19 inches (48.3 cm)
Depth	600 mm (23.6 inches)/450
Material	Steel or aluminum with powder-coated finish
Weight Capacity	200-400 lbs (90-180 kg)
Doors	Front and rear doors, usually perforated for ventilation
Side Panels	Removable or hinged for easy access
Cooling	Includes ventilation options with fan mounts or optional cooling units
Cable Management	Integrated cable management options
Mounting Rails	Adjustable rails to fit various rackmount equipment
Accessibility	Lockable doors for security, convenient access for maintenance
Ventilation	Air vents and fan options for effective airflow
Grounding	Includes grounding provisions for electrical safety



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UPS TYPE 1

Specification	Details
UPS Type	Online Double Conversion UPS
Capacity	3000 VA / 2700 W
Phase	Single Phase
Form Factor	Rack Mount (2U), Tower Convertible
Output Waveform	Pure Sine Wave
Transfer Time	0 ms (True Online)
Input Voltage Range	110 – 300 VAC
Input Frequency	40 – 70 Hz
Input Power Factor	0.99 (with PFC)
Output Voltage	Selectable: 200 / 208 / 220 / 230 / 240 VAC
Output Frequency	50 Hz / 60 Hz (Frequency Converter Mode)
Output Power Factor	0.9
Efficiency	Up to 93% (ECO Mode)
Battery Type	Sealed Lead Acid (Supports Lithium Batteries with BMS)
Battery Charging	Smart Battery Charging, Selectable 1A or 2A Charging Current
Generator Compatibility	Yes
Emergency Power Off (EPO)	Supported
Communication Ports	USB, RS-232
Optional Communication	SNMP Network Management Card
Display	Rotating LCD Display
Output Sockets	8 × IEC C13
Protection Features	Overload, Short Circuit, Surge, Battery Deep Discharge, Overcharge Protection
Load Management	Low Priority Load Disconnection
Cooling	Intelligent Variable-Speed Fan
Operating Temperature	0°C to 40°C
Operating Humidity	20%–90% (Non-condensing)
Dimensions	Rack Mount 2U Chassis
Warranty	2 Years UPS, 1 Year Battery



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UPS TYPE 2

Specification	Details
UPS Type	Online Double Conversion UPS
Capacity	1000 VA / 800 W
Phase	Single Phase
Form Factor	Tower
Output Waveform	Pure Sine Wave
Transfer Time	0 ms (True Online)
Input Voltage Range	110 – 300 VAC (at 50% load)
Input Voltage (Nominal)	230 VAC
Input Frequency	40 – 70 Hz (Auto Sensing)
Input Power Factor	≥ 0.99
Output Voltage	220 / 230 / 240 VAC (Selectable)
Output Frequency	50/60 Hz ±0.1 Hz (Battery Mode)
Output Power Factor	0.8
Efficiency	Up to 88% (Online Mode)
Battery Type	Sealed, Maintenance-Free Lead-Acid Battery
Battery Recharge Time	Approx. 4 Hours to 90% Capacity
Battery Management	Intelligent Battery Management
Display	LCD Status Display
Communication Ports	USB, RS-232
Emergency Power Off (EPO)	Yes
Output Sockets	4 × IEC C13
Protection Features	Overload, Short Circuit, Surge Protection, Overcharge Protection, Battery Deep Discharge Protection
Audible Alarms	Battery Mode, Low Battery, Overload, Fault Conditions
Operating Temperature	0°C to 40°C
Operating Humidity	0%–95% (Non-condensing)
Dimensions (W × D × H)	145 × 288 × 223 mm
Weight	Approx. 9.3 kg
Warranty	2-Year Repair or Replace Warranty



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UPS TYPE 3

Specification	Details
UPS Type	Line-Interactive UPS
Capacity	3000 VA / 1800 W
Phase	Single Phase
Form Factor	Tower
Output Waveform	PWM Simulated Sine Wave
Transfer Time	≤ 10 ms
Input Voltage Range	140 – 290 VAC
Input Frequency	50/60 Hz (Auto-Sensing)
Output Voltage	210 – 235 VAC
Output Frequency	50/60 Hz ± 0.5 Hz
Battery Type	4 × 12 V / 9 Ah Sealed Lead-Acid Batteries
Battery Recharge Time	6–8 Hours (to 90% Capacity)
Typical Backup Time	Approx. 150 min (100 W), 15 min (600 W), 6 min (900 W)
Display	LCD Display (Input Voltage, Output Voltage, Battery Level, Load Level)
Communication Port	USB
Output Sockets	4 × Schuko AC Outlets
Protection Features	Surge Protection, Overload Protection, Short Circuit Protection, Battery Discharge Protection
Audible Alarms	Battery Mode, Low Battery, Overload, Fault
Power Input	AC 140–290 V
Operating Temperature	0°C to 40°C
Operating Humidity	30%–90% (Non-condensing)
Dimensions (W × D × H)	412 × 145 × 210 mm
Weight	Approx. 18.5 kg



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UPS TYPE 4

Specification	Details
UPS Type	Line-Interactive UPS with AVR
Capacity	1000 VA / 600 W
Phase	Single Phase
Form Factor	Tower
Output Waveform	Stepped Approximation to a Sine Wave
Transfer Time	6 ms (Typical), 10 ms (Maximum)
Input Voltage (Nominal)	230 VAC
Input Voltage Range	170 – 280 VAC
Input Frequency	50/60 Hz $\pm 5\%$ (Auto-Sensing)
Output Voltage	230 VAC
Output Frequency	50/60 Hz ± 1 Hz (Battery Mode)
Automatic Voltage Regulation (AVR)	Yes
Battery Type	Maintenance-Free Sealed Lead-Acid Battery
Battery Recharge Time	Approx. 8 Hours (90% Capacity)
Expected Battery Life	3–5 Years
Cold Start	Yes
Output Sockets	4 $\times$ Universal Battery Backup & Surge-Protected Outlets (<i>some regional variants provide 6 $\times$ IEC C13 outlets</i>)
Communication Ports	None
Display	LED Status Indicators
Audible Alarms	On Battery, Low Battery, Overload, Fault
Surge Energy Rating	156 Joules
Protection Features	Automatic Voltage Regulation, Overload Protection, Short Circuit Protection, Surge Protection, Battery Deep Discharge Protection
Dimensions (W $\times$ D $\times$ H)	160 $\times$ 305 $\times$ 92 mm
Weight	Approx. 5.7 kg
Operating Temperature	0°C to 40°C
Operating Humidity	0–90% (Non-Condensing)
Warranty	2-Year Manufacturer Warranty



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PROJECTOR TYPE 1

Feature	Specifications
Display Technology	TriChroma Laser Technology
Resolution	4K UHD (3840 x 2160)
Brightness	Up to 3,000 ANSI lumens
Contrast Ratio	Dynamic, up to 1,000,000:1
Screen Size	100 inches (optimized for large screen sizes)
Color	Covers up to 107% of BT.2020 color space
HDR Support	HDR10, HLG
Connectivity	HDMI, USB, Ethernet, Wi-Fi, Bluetooth
Audio	Built-in Dolby Atmos sound system
Smart Features	Android TV, built-in apps like Netflix, YouTube
Throw Ratio	Short-throw (projects large images from a short distance)
Keystone Correction	8-point keystone correction
Lamp Life	Up to 25,000 hours



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PROJECTOR TYPE 2

Feature	Specifications
Display Technology	3LCD
Resolution	WXGA (1280 x 800)
Brightness	4,200 lumens (Color and White Brightness)
Contrast Ratio	Up to 16,000:1
Lamp Life	Up to 12,000 hours (ECO Mode), 6,000 hours (Normal Mode)
Throw Ratio	1.38 – 2.24
Keystone Correction	Vertical and Horizontal Keystone Adjustment
Connectivity	HDMI, VGA, USB, Ethernet, RS-232, Audio In/Out
Built-in Speaker	Yes, 16W speaker
Wireless Connectivity	Optional, via wireless module (sold separately)
Compatibility	PC, Mac, Chromebooks, Blu-ray/DVD players, streaming devices
Weight	6.17 lbs (2.8 kg)



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TV TYPE 1

Specification	Details
Product Type	QLED 4K Vision AI Smart TV
Screen Size	85 inches (84.5" viewable)
Resolution	4K UHD (3840 × 2160)
Display Technology	QLED (Quantum Dot)
Refresh Rate	60 Hz (50 Hz in some regions)
Processor	Q4 AI Processor
HDR	Quantum HDR, HDR10+, HLG
Upscaling	AI 4K Upscaling
Contrast	Mega Contrast
Micro Dimming	Supreme UHD Dimming
Motion Technology	Motion Xcelerator
Filmmaker Mode	Yes
HDR Brightness Optimizer	Yes
Colour Technology	100% Colour Volume with Quantum Dot, Color Booster Pro
Gaming Features	Auto Low Latency Mode (ALLM), Samsung Gaming Hub
Operating System	Samsung Tizen™ OS
Vision AI Features	Vision AI, AI Companion, Click to Search, Universal Gestures (supported devices), Live Translate (supported regions)
Voice Assistants	Bixby, Amazon Alexa Built-in
Smart Features	SmartThings Hub, Samsung TV Plus, Multi View, Web Browser, Apple AirPlay 2
Audio Output	20 W RMS
Speaker System	2.0 Channel
Audio Technologies	Object Tracking Sound Lite (OTS Lite), Adaptive Sound, Q-Symphony
Wi-Fi	Wi-Fi 5 (802.11ac)
Bluetooth	Bluetooth 5.3
Ethernet	1 × RJ45 LAN
HDMI Ports	3 × HDMI (supports eARC on HDMI 3)
USB Ports	1 × USB-A
Digital Audio Output	Optical (TOSLINK)
RF Input	Yes
CI Slot	Yes (Region Dependent)
Power Supply	AC 220–240 V, 50/60 Hz
Typical Power Consumption	162 W

Maximum Power Consumption	275 W
Standby Power	0.5 W
VESA Mount	600 × 400 mm
Dimensions with Stand (W × H × D)	1901.2 × 1132.3 × 359 mm
Dimensions without Stand (W × H × D)	1901.2 × 1088.4 × 61.4 mm
Weight with Stand	33.1 kg
Weight without Stand	32.5 kg
Remote Control	SolarCell Remote
Warranty	1 Year Manufacturer Warranty (Region Dependent)



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TV TYPE 2

Specification	Details
Product Type	QLED 4K Vision AI Smart TV
Screen Size	75 inches (74.5" viewable)
Resolution	4K UHD (3840 × 2160)
Display Technology	QLED (Quantum Dot)
Refresh Rate	50 Hz
Processor	Q4 AI Processor
HDR	Quantum HDR+, HDR10+ Adaptive, HLG
Upscaling	AI 4K Upscaling
Contrast	Dual LED
Micro Dimming	Supreme UHD Dimming
Motion Technology	Motion Xcelerator
Filmmaker Mode	Yes
HDR Brightness Optimizer	Yes
Colour Technology	100% Colour Volume with Quantum Dot, Color Booster Pro
Gaming Features	Auto Low Latency Mode (ALLM), Samsung Gaming Hub, Game Bar
Operating System	Samsung Tizen™ Smart TV (2025)
Vision AI Features	Samsung Vision AI, AI Companion, Click to Search, Live Translate (Region Dependent), Universal Gestures (Compatible Devices)
Voice Assistants	Bixby, Amazon Alexa Built-in
Smart Features	SmartThings Hub, Samsung TV Plus, Multi View, Apple AirPlay 2, Web Browser
Audio Output	20 W RMS
Speaker System	2.0 Channel
Audio Technologies	Object Tracking Sound Lite (OTS Lite), Adaptive Sound+, Active Voice Amplifier, Q-Symphony
Dolby Atmos	Yes (via HDMI eARC / Wireless Compatible Soundbars)
Wi-Fi	Wi-Fi 5 (802.11ac)
Bluetooth	Bluetooth 5.3
Ethernet	1 × RJ45 LAN
HDMI Ports	3 × HDMI (eARC supported)
USB Ports	1 × USB-A
Digital Audio Output	Optical (TOSLINK)
RF Input	Yes
CI Slot	Yes (Region Dependent)
Power Supply	AC 220–240 V, 50/60 Hz
Typical Power Consumption	Approx. 150 W
Maximum Power Consumption	Approx. 265 W

Standby Power Consumption	0.5 W
VESA Mount	400 × 400 mm
Dimensions with Stand (W × H × D)	1676.7 × 1005.5 × 320 mm
Dimensions without Stand (W × H × D)	1676.7 × 960.4 × 61.1 mm
Weight with Stand	Approx. 27.3 kg
Weight without Stand	Approx. 26.7 kg
Remote Control	SolarCell Remote
Warranty	1-Year Manufacturer Warranty (Region Dependent)



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TV TYPE 3

Specification	Details
Product Type	QLED 4K Vision AI Smart TV
Screen Size	55 inches (54.6" viewable)
Resolution	4K UHD (3840 × 2160)
Display Technology	QLED (Quantum Dot)
Refresh Rate	50 Hz (120 Hz/144 Hz in some North American variants)
Processor	Q4 AI Processor
HDR	Quantum HDR+, HDR10+ Adaptive, HLG
Upscaling	AI 4K Upscaling
Contrast	Dual LED
Micro Dimming	Supreme UHD Dimming
Motion Technology	Motion Xcelerator
Filmmaker Mode	Yes
HDR Brightness Optimizer	Yes
Colour Technology	100% Colour Volume with Quantum Dot, Color Booster Pro
Gaming Features	Auto Low Latency Mode (ALLM), Samsung Gaming Hub, Game Bar
Operating System	Samsung Tizen™ OS (2025)
Vision AI Features	Samsung Vision AI, AI Companion, Click to Search, Universal Gestures (compatible devices), Live Translate (region dependent)
Voice Assistants	Bixby, Amazon Alexa Built-in
Smart Features	SmartThings Hub, Samsung TV Plus, Apple AirPlay 2, Multi View, Web Browser
Audio Output	20 W RMS
Speaker System	2.0 Channel
Audio Technologies	Object Tracking Sound Lite (OTS Lite), Adaptive Sound+, Active Voice Amplifier, Q-Symphony
Dolby Atmos	Supported via HDMI eARC / Compatible Wireless Samsung Soundbars
Wi-Fi	Wi-Fi 5 (802.11ac)
Bluetooth	Bluetooth 5.3
Ethernet	1 × RJ45 LAN
HDMI Ports	3 × HDMI (eARC supported)
USB Ports	1 × USB-A
Digital Audio Output	Optical (TOSLINK)
RF Input	Yes
CI Slot	Yes (Region Dependent)
Power Supply	AC 220–240 V, 50/60 Hz

Typical Power Consumption	Approx. 105 W
Maximum Power Consumption	Approx. 175 W
Standby Power Consumption	0.5 W
VESA Mount	200 × 200 mm
Dimensions with Stand (W × H × D)	1232.1 × 747.8 × 237 mm
Dimensions without Stand (W × H × D)	1232.1 × 708.8 × 26.9 mm
Weight with Stand	Approx. 15.8 kg
Weight without Stand	Approx. 15.5 kg
Remote Control	SolarCell Remote
Warranty	1-Year Manufacturer Warranty (Region Dependent)



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TV TYPE 4

Specification	Details
Product Type	Premium QD-MiniLED Google TV
Screen Size	55 inches
Resolution	4K UHD (3840 × 2160)
Display Technology	QD-MiniLED with Quantum Dot (QLED)
Panel Type	HVA Panel
Processor	AiPQ Pro Processor
Refresh Rate	144 Hz Native
Motion Enhancement	MEMC 120 Hz, DLG 240 Hz, VRR 48–288 Hz
Local Dimming	MiniLED Precise Dimming (up to 180 zones on the 55" model)
HDR Support	Dolby Vision IQ, HDR10+, HDR10, HLG
Brightness	High HDR Brightness (up to 1000 nits peak)
Colour Gamut	Up to 97% DCI-P3
Contrast Ratio	6000:1 (Typical)
Gaming Features	AMD FreeSync Premium, VRR, ALLM, Game Master, Game Bar, HDMI 2.1
Operating System	Google TV
Voice Control	Google Assistant (Hands-Free), Works with Alexa
Chromecast	Built-in
Apple AirPlay	Apple AirPlay 2
Audio Output	40 W (2 × 10 W + 20 W Subwoofer)
Speaker System	2.1 Channel ONKYO Hi-Fi
Audio Technologies	Dolby Atmos, DTS Virtual:X
Wi-Fi	Dual-Band Wi-Fi 5 (802.11ac)
Bluetooth	Bluetooth 5.4
Ethernet	1 × RJ45 LAN
HDMI Ports	4 × HDMI (including HDMI 2.1 with eARC)
USB Ports	2 × USB (1 × USB 3.0, 1 × USB 2.0)
Digital Audio Output	Optical (SPDIF)
RF Input	Yes
Power Supply	AC 100–240 V, 50/60 Hz
VESA Mount	300 × 300 mm
Dimensions with Stand (W × H × D)	1229 × 776 × 297 mm
Dimensions without Stand (W × H × D)	1229 × 713 × 55.9 mm
Weight with Stand	12.4 kg
Weight without Stand	12.2 kg



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TV TYPE 5

Specification	Details
Product Type	4K UHD Google Smart TV
Screen Size	43 inches
Resolution	4K UHD (3840 × 2160)
Display Technology	Direct LED
Panel Type	HVA Panel
Processor	Quad-Core CA55 Processor
RAM	2 GB
Internal Storage	16 GB
Refresh Rate	60 Hz
HDR Support	HDR10, HDR10+, HLG
Picture Engine	AiPQ Engine
Motion Technology	Motion Clarity, MEMC
Micro Dimming	Yes
Gaming Features	Game Master, ALLM (Auto Low Latency Mode)
Operating System	Google TV (Android 12)
Voice Assistant	Google Assistant
Chromecast	Built-in
Apple AirPlay	AirPlay 2
Audio Output	20 W
Speaker System	2.0 Channel
Audio Technologies	Dolby Audio, DTS Virtual:X
Wi-Fi	Dual-Band Wi-Fi (2.4 GHz / 5 GHz)
Bluetooth	Bluetooth 5.0
Ethernet	1 × RJ45 LAN
HDMI Ports	3 × HDMI (ARC/eARC supported)
USB Ports	1 × USB 2.0
Digital Audio Output	Optical (SPDIF)
RF Input	Yes
Power Supply	AC 100–240 V, 50/60 Hz
VESA Mount	200 × 200 mm
Dimensions with Stand (W × H × D)	957 × 600 × 185 mm (approx.)
Dimensions without Stand (W × H × D)	957 × 558 × 75 mm (approx.)
Weight with Stand	Approx. 6.3 kg
Weight without Stand	Approx. 6.1 kg



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TV TYPE 6

Specification	Details
Product Type	Full HD Android Smart TV
Screen Size	32 inches
Resolution	Full HD (1920 × 1080)
Display Technology	Direct LED
Panel Type	VA Panel
Processor	Quad-Core CPU
RAM	1.5 GB
Internal Storage	16 GB
Refresh Rate	60 Hz
HDR Support	HDR10
Picture Engine	Dynamic Color Enhancement, Micro Dimming
Motion Technology	60 Hz Motion Clarity
Operating System	Android TV (Google Certified)
Google Assistant	Yes
Google Play Store	Yes
Chromecast	Built-in
Netflix	Yes
YouTube	Yes
Prime Video	Yes
Audio Output	16 W (2 × 8 W)
Audio Technologies	Dolby Audio
Wi-Fi	Wi-Fi 802.11 b/g/n (2.4 GHz)
Bluetooth	Bluetooth 5.0
Ethernet	1 × RJ45 LAN
HDMI Ports	2 × HDMI 1.4
USB Ports	1 × USB 2.0
Digital Audio Output	Optical (SPDIF)
AV Input	Yes
Headphone Output	Yes
RF Input	Yes
Power Supply	AC 100–240 V, 50/60 Hz
VESA Mount	100 × 100 mm
Dimensions with Stand (W × H × D)	715 × 468 × 180 mm
Dimensions without Stand (W × H × D)	715 × 421 × 80 mm
Weight with Stand	3.5 kg
Weight without Stand	3.4 kg



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SCANNER TYPE 1

Scanner type	ADF; CIS scanning technology; Flatbed
Digital sending optional features	Send to email; Send to PC
Scan resolution, optical	Up to 600 dpi (color and mono, ADF); Up to 1200 dpi (color and mono, flatbed)
Scan resolution, hardware	Up to 600 x 600 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed)
Enhanced scanning resolution	Up to 1200 dpi
Duty cycle (daily)	Recommended daily duty cycle: 1500 pages (ADF)
Bit depth	24-bit (external), 48-bit (internal)
Automatic document feeder scan speed	Up to 25 ppm/50 ipm (b&w, gray and color, 300 dpi) ¹
Automatic document feeder scan speed	Up to 25 ppm/50 ipm (b&w, gray and color, 300 dpi) ¹
Scan size (ADF), maximum	216 x 3100 mm
Scan size, maximum	216 x 297 mm
Scan size (ADF), minimum	89 x 148 mm
Automatic document feeder capacity	Standard, 60 sheets
Duplex ADF scanning	Yes
Scan file format	For text and image pages: PDF, JPEG, PNG, BMP, TIF, Text (TXT), Rich Text (RTF), SEARCHABLE PDF, PDF/A, Word (DOC), Word (DOCX), Excel (XLS), Excel (XLSX), CSV
Scan input modes	Scan front-panel function: Save as PDF, Save as JPEG, E-mail as PDF and Send to Cloud. Scan in Win OS, Easy Scan/ICA in Mac OS and third parties applications via TWAIN.
Color scanning	Yes
Levels of grayscale	256
Image scaling or enlargement range	Will not perform any arbitrary scaling
Scan technology	ADF; Flatbed; Contact Image Sensor (CIS)
Scanning options (ADF)	Single-pass Duplex scanning

Multifeed detection	No
Output resolution dpi settings	75; 150; 200; 240; 300; 400; 500; 600; 1200 ppi
Light source (scanning)	Light Emitting Diode (LED)
Document weight ADF (maximum)	105 g/m ²
Media size (ADF)	Letter; Legal; Executive; A4; A5; A6; B5; B5 (JIS)
Media types	Paper (banner, inkjet, photo, plain), envelopes, labels, cards (greeting, index)
Media weights, supported ADF	60 to 105 g/m ²
Scanner advanced features	One pass duplex scanning; Configurable Scan shortcuts ,OCR; Auto exposure; Auto threshold; Auto detect colour; Background smooth/removal; Auto detect size; Straighten content; Enhance content; Auto orient; Multicolour dropout.
Compatible Operating Systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Server; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux
Mac compatible	Yes
Minimum System Requirements for Macintosh	macOS Mojave 10.14, macOS Catalina 10.15 and macOS Big Sur 11.x; Internet required
Minimum System Requirements	Microsoft® Windows® (11, 10, 8.1, 7 : 32-bit and 64-bit, 2008 R2, 2012 R2, 2016, 2019); 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or any browser
Twain version	Version 2.4
Processor speed	666 MHz
Memory	256 MB
Software included	Scan Software, Scanner Device Driver, WIA scan driver, TWAIN scan driver, Scanner Tools Utility
Connectivity, standard	USB 2.0
Power	Input Voltage: 100 to 240 VAC
Power supply type	External power adapter
Power consumption	12.90 watts (Active - Scanning), 5 watts (Ready), 1.11 watts (Sleep), 0.06 (Auto- Off), 0.06 (Manual-Off) (Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.)
Control panel	6 lights (Shortcut, Duplex, Error); 5 button (Power, Scan, Duplex, Shortcut Select, Cancel)

Security management	Power button to on/off
Manufacturer Warranty	One-year, onsite repair. Warranty and support options vary by product, country and local legal requirements



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TABLET TYPE 1

Specification	Details
Display Size	11 inches
Display Type	Ultra Retina XDR Tandem OLED
Resolution	2420 × 1668 pixels (264 ppi)
Refresh Rate	ProMotion Adaptive 10–120 Hz
Brightness	1000 nits (SDR), 1600 nits Peak (HDR)
HDR Support	HDR10, Dolby Vision
Processor	Apple M4 Chip
CPU	10-Core CPU (4 Performance + 6 Efficiency Cores)
GPU	10-Core GPU with Hardware-Accelerated Ray Tracing
Neural Engine	16-Core Neural Engine
RAM	16 GB Unified Memory
Internal Storage	1 TB SSD
Operating System	iPadOS (Upgradeable to Latest Version)
Rear Camera	12 MP Wide (f/1.8)
Front Camera	12 MP Ultra Wide Center Stage
Video Recording	Up to 4K at 60 fps , ProRes Recording
LiDAR Scanner	Yes
Face ID	Yes
Apple Pencil Support	Apple Pencil Pro, Apple Pencil (USB-C)
Keyboard Support	Magic Keyboard for iPad Pro (M4)
Wireless Connectivity	Wi-Fi 6E (802.11ax), Bluetooth 5.3
USB Port	USB-C / Thunderbolt 4 (40 Gbps)
External Display Support	Up to 6K @ 60 Hz
Audio	Four Speakers, Four Studio-Quality Microphones
Battery Capacity	31.29 Wh Lithium-Polymer
Battery Life	Up to 10 Hours Web Browsing or Video Playback (Wi-Fi)
Charging	USB-C Fast Charging (20 W Adapter Included)
Dimensions	249.7 × 177.5 × 5.3 mm
Weight	444 g (Wi-Fi) / 446 g (Wi-Fi + Cellular)
Security	Face ID, Secure Enclave
Build Material	100% Recycled Aluminum Enclosure
Warranty	1 Year Manufacturer Warranty



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TABLET TYPE 2

Specification	Details
Display Size	14.6 inches
Display Type	Dynamic AMOLED 2X (Anti-Reflection)
Resolution	2960 × 1848 (WQXGA+)
Refresh Rate	120 Hz Adaptive
HDR Support	HDR10+
Processor	MediaTek Dimensity 9300+ (4 nm)
CPU	Octa-Core (Up to 3.4 GHz)
GPU	Immortalis-G720 MC12
RAM	12 GB / 16 GB LPDDR5X
Internal Storage	256 GB / 512 GB / 1 TB UFS
Expandable Storage	microSD Card (Up to 1.5 TB)
Operating System	Android 14 with One UI 6.1.1 (Upgradable)
Galaxy AI Features	Note Assist, Sketch to Image, Circle to Search, PDF Assist, Handwriting Help, Transcript Assist
Rear Cameras	13 MP (Wide) + 8 MP (Ultra-Wide)
Front Cameras	12 MP (Wide) + 12 MP (Ultra-Wide)
Video Recording	Up to 4K @ 30 fps
S Pen Support	Yes (S Pen Included, Bluetooth Air Actions)
Samsung DeX	Yes
Security	Under-Display Fingerprint Sensor, Samsung Knox
Audio	Quad AKG-Tuned Speakers
Audio Technologies	Dolby Atmos
Battery Capacity	11,200 mAh
Charging	45 W Super Fast Charging (USB-C)
USB Port	USB Type-C 3.2 Gen 1
Wi-Fi	Wi-Fi 7 (802.11 a/b/g/n/ac/ax/be)
Bluetooth	Bluetooth 5.3
GPS	GPS, GLONASS, Galileo, BeiDou, QZSS (5G model)
Cellular	Optional 5G (Sub-6 GHz)
SIM	Nano-SIM + eSIM (5G Model)
Water & Dust Resistance	IP68 Certified
Dimensions	326.4 × 208.6 × 5.4 mm
Weight	718 g (Wi-Fi), 723 g (5G)
Build Material	Enhanced Armor Aluminum
Colours	Moonstone Gray, Platinum Silver
Warranty	1 Year Manufacturer Warranty



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TABLET TYPE 3

Specification	Details
Display Size	11 inches
Display Type	TFT LCD
Resolution	1920 × 1200 (WUXGA)
Refresh Rate	90 Hz
Processor	MediaTek Dimensity 7300 (4 nm)
CPU	Octa-Core (4 × Cortex-A78 + 4 × Cortex-A55, up to 2.5 GHz)
GPU	Mali-G615 MC2
RAM	8 GB (<i>configuration dependent; 6 GB variants also available</i>)
Internal Storage	128 GB / 256 GB
Expandable Storage	microSD Card (Up to 2 TB)
Operating System	Android 15 with One UI 7
Rear Camera	8 MP
Front Camera	5 MP
Video Recording	Up to 1080p @ 30 fps
S Pen Support	No
Audio	Dual Stereo Speakers
Audio Technologies	Dolby Atmos
Battery Capacity	7,040 mAh
Charging	25 W USB-C Fast Charging
USB Port	USB Type-C 2.0
Wi-Fi	Wi-Fi 6 (802.11 a/b/g/n/ac/ax)
Bluetooth	Bluetooth 5.3
GPS	GPS, GLONASS, Galileo, BeiDou, QZSS (<i>Cellular model</i>)
Cellular	Optional 5G (Model Dependent)
SIM	Nano-SIM + eSIM (<i>5G model</i>)
Security	Face Unlock
Dimensions	Approx. 257 × 168 × 6.9 mm
Weight	Approx. 480 g
Colours	Graphite, Silver, Blue



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TABLET TYPE 4

Specification	Details
Bundle	Tab Pen +Folio Cover Case Included
Display Size	11 inches
Display Type	IPS LCD, Anti-Fingerprint Touchscreen
Resolution	1920 × 1200 (WUXGA)
Refresh Rate	90 Hz
Brightness	400 nits
Processor	MediaTek Helio G88 (12 nm)
CPU	Octa-Core (2 × Cortex-A75 @ 2.0 GHz + 6 × Cortex-A55 @ 1.8 GHz)
GPU	ARM Mali-G52 MC2
RAM	8 GB LPDDR4X
Internal Storage	128 GB eMMC 5.1
Expandable Storage	microSD Card (Up to 1 TB)
Operating System	Android 13 (Upgradeable to Android 15)
Rear Camera	13 MP Autofocus (<i>8 MP on some regional variants</i>)
Front Camera	8 MP Fixed Focus
Video Recording	Up to 1080p @ 30 fps
Stylus Support	Tab Pen Included (4096 Pressure Levels, Tilt Detection, Palm Rejection)
Case	Folio Cover Included
Audio	Quad Speakers
Audio Technologies	Dolby Atmos®
Microphone	Single Microphone
Battery Capacity	7,040 mAh
Charging	15 W USB-C Charging (<i>10 W charger included in many regions</i>)
USB Port	USB Type-C 2.0
Wi-Fi	Wi-Fi 5 (802.11 a/b/g/n/ac)
Bluetooth	Bluetooth 5.1
GPS	GPS, GLONASS, Galileo (<i>LTE models</i>)
Cellular	Wi-Fi Only or Optional 4G LTE
SIM	Nano-SIM (LTE model only)
Sensors	Accelerometer, Ambient Light Sensor, Gyroscope, Hall Sensor
Water & Dust Resistance	IP52
Dimensions (W × H × D)	255.26 × 166.31 × 7.15 mm
Weight	Approx. 465 g
Build Material	Metal Unibody
Colours	Luna Grey, Seafoam Green



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PBX TYPE 1

Feature	Specification
Type	IP PBX / Unified Communications System
Maximum Users	Up to 50 users/extensions
Concurrent Calls	Up to 25 simultaneous calls
SIP Trunks	Up to 50 SIP trunks
Telephony Module Slots	4 modular slots
FXS Ports	Up to 8 (with optional modules)
FXO Ports	Up to 8 (with optional modules)
ISDN BRI Ports	Up to 8 (with optional modules)
GSM/3G/4G Ports	Up to 4 (with optional cellular modules)
Network Interfaces	2 × 10/100/1000 Mbps Gigabit Ethernet (WAN/LAN)
USB Ports	2 × USB 2.0
Storage	Built-in Flash Memory with SD Card support for call recording and voicemail
Voicemail Capacity	Up to 5,000 minutes
Power Supply	External AC Adapter (100–240V AC, 50/60Hz)
Mounting	Desktop or 1U Rack Mount
Voice Codecs	G.711 (A-law/ μ -law), G.722, G.726, G.729A, GSM, Speex, iLBC, ADPCM
VoIP Protocols	SIP (RFC3261), IAX2, UDP, TCP, TLS, SRTP
Fax Support	T.38 Fax, Fax to Email
Network Protocols	IPv4, DHCP, PPPoE, VLAN, QoS, DDNS, STUN, NAT
Call Features	Auto Attendant (IVR), Call Transfer, Call Forwarding, Call Parking, Call Pickup, Call Waiting, Caller ID, Ring Groups, Call Queues, Conference Bridge, Music on Hold, Follow Me, Speed Dial, Blacklist/Whitelist
Voicemail Features	Voicemail to Email, Custom Greetings, Message Notification
Management	Web-Based GUI, HTTPS, SSH, SNMP, Automatic Backup & Restore
Security	TLS, SRTP, Built-in Firewall, IP Blacklist, Attack Defense, HTTPS Access
Unified Communications	Linkus UC Desktop & Mobile Client, Presence, Instant Messaging, Audio & Video Calling, File Sharing, Corporate Directory
Integration	CRM Integration (Salesforce, HubSpot, Zoho CRM, Odoo, Bitrix24), REST API, Hotel PMS, Billing Systems
Supported IP Phones	SIP-compliant IP Phones
Operating Environment	Temperature: 0°C to 40°C; Humidity: 10%–90% (Non-condensing)
Typical Applications	Small & Medium Businesses, Government Offices, Hotels, Schools, Hospitals, Branch Offices



COUNTY GOVERNMENT OF NYANDARUA
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ICT CONSUMABLES, ACCESSORIES AND HARDWARE INVENTORY

Category	Item Description	Specifications / Capacity
Software	<i>Windows License</i>	Windows 11 Pro OEM / Retail
	<i>Microsoft Office License (Windows)</i>	Microsoft Office 2021 Professional / Microsoft 365
	<i>Microsoft Office License (Mac)</i>	Microsoft Office Home & Business for Mac / Microsoft 365
	<i>Antivirus License</i>	Kaspersky Standard, Plus, Premium (1–3 Years)
	<i>PDF Software</i>	Adobe Acrobat Pro License
Storage Devices	<i>USB Flash Drives</i>	16GB, 32GB, 64GB, 128GB, 256GB
	<i>External Hard Drives</i>	500GB, 1TB, 2TB, 4TB, 5TB
	<i>Internal Desktop HDD (3.5")</i>	500GB, 1TB
	<i>Internal Laptop HDD (2.5")</i>	500GB, 1TB
Solid State Drives (SSD)	<i>2.5" SATA SSD</i>	256GB, 512GB, 1TB
	<i>M.2 SATA SSD</i>	256GB, 512GB, 1TB
	<i>M.2 NVMe PCIe SSD</i>	256GB, 512GB, 1TB
	<i>mSATA SSD</i>	256GB, 512GB, 1TB
	<i>U.2 PCIe NVMe SSD</i>	512GB, 1TB
Memory (RAM)	<i>Desktop DDR4 RAM</i>	8GB, 16GB, 32GB
	<i>Laptop DDR4 RAM (SO-DIMM)</i>	8GB, 16GB, 32GB
	<i>Desktop DDR5 RAM</i>	8GB, 16GB, 32GB, 64GB
	<i>Laptop DDR5 RAM</i>	8GB, 16GB, 32GB
	<i>Desktop DDR6 RAM (Future)</i>	As Available
	<i>Laptop DDR6 RAM (Future)</i>	As Available
Networking	<i>CAT6 UTP Indoor Cable</i>	305 m Box
	<i>CAT6 Outdoor Cable</i>	305 m Box
	<i>CAT6 Shielded (STP) Cable</i>	305 m Box
	<i>CAT6 Patch Cords</i>	1m, 2m, 3m, 5m, 10m
	<i>RJ45 Connectors</i>	Pack of 1000 Pieces
	<i>RJ45 Boots</i>	Assorted Colours
	<i>RJ45 Keystone Jacks</i>	CAT6
	<i>Faceplates</i>	Single & Double Port
	<i>Patch Panels</i>	24-Port & 48-Port
	<i>Network Tester</i>	Cable Tester
	<i>Punch Down Tool</i>	Professional Grade
	<i>Crimping Tool</i>	RJ45/RJ11
	<i>Cable Stripper</i>	Universal
	<i>Cable Ties</i>	100mm, 150mm, 200mm

	<i>Velcro Cable Straps</i>	Assorted Sizes
Power Accessories	<i>UPS</i>	650VA, 850VA, 1000VA, 1500VA, 2000VA, 3000VA
	<i>Surge Protectors</i>	4-Way, 6-Way, 8-Way
	<i>Extension Cables</i>	4-Way, 6-Way, 8-Way
	<i>Power Distribution Units (PDU)</i>	6-Way, 8-Way, 12-Way
	<i>Power Cables</i>	Desktop IEC C13/C14
	<i>Laptop Power Cords</i>	Various Brands
	<i>Monitor Power Cables</i>	IEC Standard
	<i>Kettle Power Cables</i>	IEC C13
	<i>UPS Power Cables</i>	IEC Standard
Display Cables	<i>HDMI Cable</i>	1.5m, 3m, 5m, 10m
	<i>DisplayPort Cable</i>	1.5m, 3m
	<i>Mini DisplayPort Cable</i>	Standard
	<i>VGA Cable</i>	1.5m, 3m, 5m
	<i>DVI Cable</i>	Single Link & Dual Link
	<i>USB-C Display Cable</i>	USB-C to HDMI/DP
USB Accessories	<i>USB Extension Cable</i>	USB 2.0 / USB 3.0
	<i>USB Hub</i>	4-Port, 7-Port
	<i>USB-C Hub</i>	Multiport
Input Devices	<i>Wired Keyboard</i>	USB
	<i>Wireless Keyboard</i>	2.4GHz/Bluetooth
	<i>Laptop Keyboard</i>	Brand Specific
	<i>Wired Mouse</i>	USB Optical
	<i>Wireless Mouse</i>	2.4GHz/Bluetooth
	<i>Mouse Pads</i>	Standard & Ergonomic
Printer Accessories	<i>USB Printer Cable</i>	USB A to USB B
	<i>Printer Power Cable</i>	IEC Standard
	<i>Printer Maintenance Kit</i>	Brand Specific
	<i>Printer Rollers</i>	Brand Specific
	<i>Printer Fuser Units</i>	Brand Specific
	<i>Printer Imaging Units</i>	Brand Specific
	<i>Printer Toners</i>	Original/OEM
	<i>Ink Bottles/Cartridges</i>	Brand Specific
Computer Accessories	<i>Laptop Chargers</i>	HP, Dell, Lenovo, Acer, ASUS
	<i>Universal Laptop Charger</i>	Multi-tip
	<i>CMOS Batteries</i>	CR2032
	<i>Thermal Paste</i>	CPU Grade
	<i>Cleaning Kit</i>	Screen & Keyboard Cleaning
	<i>Compressed Air Duster</i>	Aerosol
Tool Kits	<i>Precision Screwdriver Set</i>	Laptop Repair Kit
	<i>Professional Toolkit</i>	Desktop/Server Assembly
	<i>Electric Screwdriver Kit</i>	Rechargeable
	<i>Anti-Static Wrist Strap</i>	ESD Protection
	<i>Anti-Static Mat</i>	ESD Safe
	<i>Tweezers Set</i>	Precision
	<i>Multimeter</i>	Digital
Storage & Backup	<i>NAS Drives</i>	2TB, 4TB, 8TB
	<i>Backup SSD</i>	500GB, 1TB
Adapters & Converters	<i>HDMI to VGA Adapter</i>	Active
	<i>VGA to HDMI Adapter</i>	Active
	<i>USB to Ethernet Adapter</i>	Gigabit
	<i>USB-C to HDMI Adapter</i>	4K
	<i>DisplayPort to HDMI Adapter</i>	Standard

Networking Devices	<i>Wireless Routers</i>	Wi-Fi 5, Wi-Fi 6, Wi-Fi 7
	<i>Managed Switches</i>	8, 16, 24, 48 Ports
	<i>Unmanaged Switches</i>	5, 8, 16, 24, 48 Ports
	<i>Access Points</i>	Indoor & Outdoor
	<i>Network Cabinets</i>	6U, 9U, 12U, 22U, 42U
	<i>Patch Cords</i>	CAT6 Various Lengths
Power Backup	<i>UPS Replacement Batteries</i>	7Ah, 9Ah, 12Ah
	<i>Inverter Batteries</i>	100Ah, 200Ah
Computer Components	<i>Desktop Power Supply (PSU)</i>	450W, 550W, 650W, 750W
	<i>CPU Cooling Fan</i>	Intel & AMD Compatible
	<i>Laptop Cooling Pad</i>	Dual/Quad Fan
	<i>CMOS Battery</i>	CR2032
Miscellaneous	<i>Blank DVDs</i>	DVD-R, DVD+R
	<i>Blank CDs</i>	CD-R
	<i>External DVD Writer</i>	USB
	<i>Labels & Cable Tags</i>	Self-Adhesive
	<i>Velcro Straps</i>	Cable Management
	<i>Monitor Cleaning Cloth</i>	Microfiber
	<i>Screen Privacy Filters</i>	Laptop & Monitor Sizes

CANON MIRRORLESS CAMERA SPECIFICATIONS

CANON EOS R6 MARK II

1. CAMERA

Shutter Speed	Electronic Shutter 1/16000 to 30 Seconds; Mechanical Shutter 1/8000 to 30 Seconds
Built-in ND Filter	None
White Balance	Colour Temperature, Custom Daylight, Fluorescent (White), Auto, Cloudy, Flash, Shade, Tungsten
Shutter	Electronic Shutter / Mechanical Focal Plane Shutter

2. IMAGING / IMAGE SENSOR

Aspect Ratio	1:1, 16:9, 3:2, 4:3
Sensor Type	35.9 x 23.9 mm (Full-Frame) CMOS
Image File Format	C-Raw, HEIF, JPEG
Sensor Resolution	Actual: 25.6 Megapixel; Effective: 24.2 Megapixel (6000 x 4000)
ISO Sensitivity	100 to 102,400 in Manual/Auto Mode (Extended: 50 to 204,800)
Bit Depth	14-bit
Image Stabilization	5-Axis, Sensor-Shift

3. LENS

Lens Mount	Canon RF
Focus Type	Auto & Manual

4. SHUTTER

Self Timer	2/10-Second Delay
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5. FOCUS & OPTICS

Focus Mode	Continuous-servo AF (C), Manual Focus (M), Single-servo AF (S)
Autofocus Points	Photo, Video Contrast Detection, Phase Detection: 1053
Autofocus Sensitivity	-6.5 to +21 EV

6. VIEWFINDER & DISPLAY

Viewfinder Coverage	100%
Viewfinder Type	Built-In Electronic (OLED)
Viewfinder Eye Point	23.00 mm
Viewfinder Magnification	Approx. 0.76x
Viewfinder Resolution	3,690,000 Dot
Viewfinder Size	0.5"
Display Type	Articulating Touchscreen LCD
Display Screen	3"
Display Resolution	1,620,000 Dot
Diopter Adjustment	-4 to +2 m

7. EXPOSURE CONTROL

Exposure Modes	Aperture Priority, Manual, Program, Shutter Priority
Metering Method	Center-weighted average, Evaluative, Partial, Spot
Metering Range	3 to 20 EV
Exposure Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)
Continuous Shooting	Electronic Shutter: up to 40 fps (24 MP), 190 JPEG / 75 RAW frames; Mechanical Shutter: up to 12 fps, 1000 JPEG / 110 RAW frames
Interval Recording	Yes

8. RECORDING

Audio Recording	AAC Audio, LPCM Audio
Recording Modes	H.264/H.265 4:2:2 10-bit Full HD up to 150 fps [12–270 Mb/s]; H.264/H.265 4:2:2 10-bit UHD 4K up to 59.94 fps [60–340 Mb/s]
Gamma Curve	Canon Log 3, HDR-PQ
External Recording Modes	Raw via HDMI 6144 x 4032 up to 59.94 fps
Recording Limit	None

9. AUDIO

Built-In Microphone	Stereo
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10. CONNECTIVITY

Wireless	2.4 / 5 GHz Wi-Fi 5 (802.11ac), Bluetooth
GPS	No

11. FLASH

Built-in Flash	No
Dedicated Flash System	eTTL
External Flash Connection	Intelligent Hot Shoe
Flash Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)
Max Sync Speed	1/250 Second

12. PERFORMANCE

Tripod Mounting Thread	1 x 1/4"-20 Female (Bottom)
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13. INTERFACE

Video Connectors	1 x Micro-HDMI Output
Audio Connectors	1 x 3.5 mm Stereo Headphone Output; 1 x 3.5 mm Stereo Microphone Input
Other I/O	1 x USB-C (USB 3.2/3.1 Gen 2) Data/Tether Input/Output (shared with power)
Memory Card Slot	Dual Slot: SD/SDHC/SDXC (UHS-II)

14. ENVIRONMENTAL

Operating Temperature	32 to 104°F (0 to 40°C)
Operating Humidity	0 to 85%

15. POWER

Power Connectors	1 x USB-C Input
Battery Type	1 x LP-E6NH Rechargeable Lithium-Ion, 7.2 VDC, 2130 mAh (Approx. 760 Shots)

16. PHYSICAL

Dimensions	5.4 x 3.9 x 3.5" / 138.4 x 98.4 x 88.4 mm
Weight	1.3 lb / 588 g (With Battery, Recording Media)

CANON EOS R3

1. CAMERA

Shutter Speed	Electronic: 1/64000–30s (Shutter/Manual Priority); Mechanical: 1/8000–30s; Bulb Mode available
White Balance	Colour Temperature, Custom, Fluorescent (White), Auto, Cloudy, Daylight, Flash, Shade, Tungsten

2. IMAGING / IMAGE SENSOR

Aspect Ratio	1:1, 16:9, 3:2, 4:3
Sensor Type	36 x 24 mm (Full-Frame) CMOS
Image File Format	HEIF, JPEG, RAW
Sensor Resolution	Actual: 26.7 Megapixel; Effective: 24.1 Megapixel
ISO Sensitivity	Auto, 100 to 102400 (Extended: 50 to 204800)
Bit Depth	14-bit
Image Stabilization	5-Axis, Sensor-Shift

3. LENS

Lens Mount	Canon RF
Focus Type	Auto and Manual Focus

4. SHUTTER

Self Timer	2/10-Second Delay
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5. FOCUS & OPTICS

Focus Mode	Continuous-servo AF (C), Manual Focus (M), Single-servo AF (S)
Autofocus Points	Phase Detection: 1053
Autofocus Sensitivity	-7.5 to +20 EV

6. VIEWFINDER & DISPLAY

Viewfinder Coverage	100%
Viewfinder Type	Electronic (OLED)
Viewfinder Eye Point	23 mm
Viewfinder Magnification	Approx. 0.76x
Viewfinder Resolution	5,760,000 Dot
Display Type	Articulating Touchscreen LCD
Display Screen	3.2"
Display Resolution	4,150,000 Dot
Diopter Adjustment	-4 to +2 m

7. EXPOSURE CONTROL

Exposure Modes	Aperture Priority, Manual, Program, Shutter Priority
Metering Method	Center-Weighted Average, Evaluative, Partial, Spot
Metering Range	-3 to 20 EV
Exposure Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)
Continuous Shooting	Electronic: up to 30 fps for up to 150 RAW / 540 JPEG frames; Mechanical: up to 12 fps for up to 1000 RAW / 1000 JPEG frames
Interval Recording	Yes

8. RECORDING

Audio Recording	Built-In Microphone, External Microphone Input
Audio Format	Linear PCM, AAC
Video Recording	Yes, NTSC/PAL
Recording Modes	H.264/MP4 4:2:0 8-bit Full HD/UHD 4K/DCI 4K up to 119.88p; H.265/MP4 4:2:2 10-bit Full HD/UHD 4K/DCI 4K up to 119.88p;

	Raw 12-bit 6K (6000 x 3164) up to 59.94p [720–2600 Mb/s]
External Recording Modes	4:2:2 10-bit DCI 4K / UHD 4K up to 59.94p
Recording Limit	Unlimited

9. CONNECTIVITY

Wireless	Bluetooth, Wi-Fi
Connectivity	3.5mm Headphone, 3.5mm Microphone, PC Sync Socket, RJ45, USB Type-C (USB 3.1), Micro-HDMI (Type D)
GPS	Yes

10. FLASH

Built-in Flash	No
Dedicated Flash System	eTTL
External Flash Connection	Wireless, Hot Shoe, PC Terminal
Flash Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)
Max Sync Speed	1/250 Second

11. INTERFACE

Memory Card Slot	Slot 1: CFexpress Type B; Slot 2: SD/SDHC/SDXC (UHS-II)
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12. ENVIRONMENTAL

Operating Temperature	32 to 104°F (0 to 40°C)
Operating Humidity	0 to 85%

13. POWER

Batteries	1 x LP-E19 Rechargeable Lithium-Ion, 10.8 VDC, 2700 mAh; 1 x LP-E4N Rechargeable Lithium-Ion, 11.1 VDC, 2450 mAh
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14. PHYSICAL

Dimensions	5.9 x 5.6 x 3.4" / 150 x 142.6 x 87.2 mm
Weight	1.8 lb / 822 g (Body Only); 2.2 lb / 1015 g (with Battery & Memory)

CANON EOS R100

1. CAMERA

Shutter Speed	Electronic Shutter 1/4000–1 Second (Manual Mode); 1/4000–30 Seconds (Bulb Mode)
Built-in ND Filter	None
White Balance	Color Temperature, Custom, Fluorescent (White), Auto, Cloudy, Daylight, Flash, Shade, Tungsten
Shutter	Electronic Shutter

2. IMAGING / IMAGE SENSOR

Aspect Ratio	3:2
Sensor Type	22.3 x 14.9 mm (APS-C) CMOS
Image File Format	C-Raw, JPEG, RAW
Sensor Resolution	Actual: 25.8 Megapixel; Effective: 24.1 Megapixel
ISO Sensitivity	100 to 12,800 (Extended: 100 to 25,600)
Image Stabilization	None

3. LENS

Lens Mount	Canon RF
Focus Type	Auto and Manual Focus

4. SHUTTER

Self Timer	2/10-Second Delay
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5. FOCUS & OPTICS

Focus Mode	Manual Focus, Single-Servo AF, Continuous-servo AF (C)
Autofocus Points	Photo Phase Detection: 3975; Video Phase Detection: 3375
Autofocus Sensitivity	-4 to +20 EV

6. VIEWFINDER & DISPLAY

Viewfinder	Built-In Electronic (OLED)
Viewfinder Coverage	100%
Viewfinder Eye Point	22 mm
Viewfinder Magnification	Approx. 0.95x
Viewfinder Resolution	2,360,000 Dot
Display Type	Fixed LCD
Display Screen	3.0"
Display Resolution	1,040,000 Dot
Diopter Adjustment	-3 to +1

7. EXPOSURE CONTROL

Exposure Modes	Aperture Priority, Auto, Manual, Program, Shutter Priority
Metering Method	Center-Weighted Average, Evaluative, Partial, Spot
Metering Range	-2 to 20 EV
Exposure Compensation	-3 to +3 EV (1/3 EV Steps)
Continuous Shooting	Electronic Shutter: up to 6.5 fps for up to 100 JPEG / 6 RAW frames
Interval Recording	Yes

8. RECORDING

Video Recording	Yes, NTSC/PAL
Recording Modes	H.264/MPEG-4 AVC 8-bit: 720p59.94 [26 Mb/s]; 1080p120 [52 Mb/s]; 1080p23.98/29.97 [30 Mb/s]; 1080p59.94 [60 Mb/s]; UHD 4K 23.98p [120 Mb/s]

Gamma Curve	HDR-PQ
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9. AUDIO

Built-In Microphone	Stereo
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10. CONNECTIVITY

Wireless	2.4 GHz Wi-Fi (802.11b/g), Bluetooth
GPS	No

11. FLASH

Built-in Flash	Yes
Dedicated Flash System	eTTL
External Flash Connection	Hot Shoe
Flash Compensation	-2 to +2 EV (1/3 EV Steps)
Max Sync Speed	250 Second

12. PERFORMANCE

Tripod Mounting Thread	1 x 1/4"-20 Female (Bottom)
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13. INTERFACE

Video Connectors	1 x Micro-HDMI Output
Audio Connectors	1 x 3.5 mm Stereo Microphone Input
Other I/O	1 x USB-C (USB 2.0) Input/Output
Memory Card Slot	Single Slot: SD/SDHC/SDXC

14. ENVIRONMENTAL

Operating Temperature	32 to 104°F / 0 to 40°C (Recommended)
Operating Humidity	0 to 85%

15. POWER

Battery Type	1 x LP-E17 Rechargeable Lithium-Ion
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16. PHYSICAL

Dimensions	4.6 x 3.4 x 2.7" / 116.3 x 85.5 x 68.8 mm
Weight	12.6 oz / 356 g (With Battery, Recording Media)

17. KIT LENS (RF-S 18-45MM F/4.5-6.3 IS STM)

Focal Length	18 to 45mm (35mm Equiv.: 28.8 to 72mm)
Maximum Aperture	f/4.5 to 6.3
Minimum Aperture	f/32
Angle of View	74° 20' to 33° 40'
Maximum Magnification	0.16x
Minimum Focus Distance	7.9" / 20 cm
Optical Design	7 Elements in 7 Groups
Diaphragm Blades	7
Image Stabilization	Yes
Filter Size	49 mm (Front)
Weight	4.6 oz / 130 g

CANON EOS R6 MARK III

1. CAMERA

Shutter Speed	Electronic Shutter 1/16000–30 Seconds; Mechanical Shutter 1/8000–30 Seconds
Built-in ND Filter	None
White Balance	Colour Temperature, Custom Daylight, Fluorescent (White), Auto, Cloudy, Flash, Shade, Tungsten
Shutter	Mechanical Focal Plane Shutter and Electronic Rolling Shutter

2. FEATURES & BENEFITS

Supported Applications	Canon Camera Connect (Android & iOS)
Shoe Mounting	1x Hot Shoe

3. IMAGING / IMAGE SENSOR

Image Sensor	35.9 x 23.9 mm (Full-Frame) CMOS
Aspect Ratio	1:1, 16:9, 3:2, 4:3
Sensor Crop	1.6x additional mode (crop occurs in select video modes); base crop factor 1x
Image File Format	C-Raw, HEIF, JPEG
Sensor Resolution	Actual: 34.2 Megapixel; Effective: 32.5 Megapixel (6960 x 4640)
ISO Sensitivity	Photo Auto: 100–12,800; Photo Manual: 100–64,000 (Extended 50–102,400); Video Native: 100–25,600 (Extended 100–102,400)
Bit Depth	14-bit
Image Stabilization	5-Axis, Sensor-Shift (up to 8.5 stops)

4. LENS

Lens Mount	Canon RF
Focus Type	Auto and Manual Focus

5. SHUTTER

Self Timer	2/10-Second Delay
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6. FOCUS & OPTICS

Focus Mode	Continuous-servo AF (C), Manual Focus (M), Single-servo AF (S)
Autofocus Points	Photo/Video Phase Detection: 1053
Autofocus Sensitivity	-6.5 to +21 EV

7. VIEWFINDER & DISPLAY

Viewfinder Coverage	100%
Viewfinder Type	Built-In Electronic (OLED)
Viewfinder Eye Point	23 mm
Viewfinder Magnification	Approx. 0.76x
Viewfinder Resolution	3,686,400 Dot
Viewfinder Size	0.5"
Display Type	Articulating 3" Touchscreen LCD
Display Resolution	1,620,000 Dot
Diopter Adjustment	-4 to +2 m

8. EXPOSURE CONTROL

Exposure Modes	Aperture Priority, Manual, Program, Shutter Priority
Metering Method	Center-weighted average, Evaluative, Partial, Spot
Metering Range	-3 to 20 EV
Exposure Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)
Continuous Shooting	Up to 40 fps at maximum resolution

Interval Recording	Yes
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9. RECORDING

Audio Recording	AAC Audio, LPCM Audio
Gamma Curve	Canon Log 2, Canon Log 3, HDR-PQ
Recording Limit	No limit

10. AUDIO

Built-In Microphone	Stereo
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11. CONNECTIVITY

Wireless	Bluetooth 5.0, Wi-Fi 5 (802.11ac)
GPS	Via Smartphone

12. FLASH

Built-in Flash	No
Dedicated Flash System	eTTL
External Flash Connection	Shoe Mount
Flash Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)
Flash Modes	Manual, TTL Auto
Max Sync Speed	1/320 Second

13. PERFORMANCE

Tripod Mounting Thread	1 x 1/4"-20 Female (Bottom)
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14. INTERFACE

Video Connectors	1x HDMI Output
Audio Connectors	1x 3.5mm Stereo Headphone Output; 1x 3.5mm Stereo Microphone Input
Other I/O	1x 2.5mm Sub-Mini Remote Input; 1x USB-C (USB 3.2/3.1 Gen 2) shared with power
Memory Card Slot	Slot 1: CFexpress Type B (8TB max); Slot 2: SD/SDHC/SDXC (UHS-II)

15. ENVIRONMENTAL

Operating Temperature	32 to 104°F / 0 to 40°C up to 85% Humidity
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16. POWER

Power Connectors	1 x USB-C Input
Battery Type	1x LP-E6P Rechargeable Lithium-Ion (Included), Approx. 620 Shots

17. PHYSICAL

Weight	1.3 lb / 609 g (Body Only); 1.5 lb / 699 g (With Battery, Recording Media)
Material of Construction	Magnesium Alloy

1. CAMERA

Shutter Speed	Electronic Front Curtain: 1/8000–30s; Electronic: 1/8000–0.5s; Mechanical: 1/8000–30s
Built-in ND Filter	None
White Balance	Colour Temperature, Custom, Custom Daylight, Fluorescent (White), Auto, Cloudy, Flash, Tungsten
Sensor Crop Modes	3840 x 2160; 4096 x 2160; 5952 x 3184; Super35/APS-C; Super16 2976 x 1570
Shutter	Electronic Shutter, Mechanical Focal Plane Shutter

2. IMAGING / IMAGE SENSOR

Aspect Ratio	1:1, 16:9, 3:2, 4:3
Sensor Type	36 x 24 mm (Full-Frame) CMOS
Image File Format	C-Raw, HEIF, JPEG, RAW
Sensor Resolution	Actual: 47.1 Megapixel; Effective: 45 Megapixel (8192 x 5464)
ISO Sensitivity	Photo Auto: 100–12,800 (Ext. 100–51,200); Photo Manual: 100–51,200 (Ext. 50–102,400); Video: 100–51,200 (Ext. 50–102,400)
Pixel Pitch	5.5 µm
Bit Depth	14-bit
Image Stabilization	Digital

3. LENS

Lens Mount	Canon RF
Focus Type	Auto and Manual Focus
Lens Communication	Yes, with Autofocus Support

4. SHUTTER

Self Timer	2/10-Second Delay
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5. FOCUS & OPTICS

Focus Mode	Continuous-servo AF (C), Manual Focus (M), Single-servo AF (S)
Autofocus Points	Phase Detection: 1053
Autofocus Sensitivity	-6 to +20 EV

6. VIEWFINDER & DISPLAY

Viewfinder	Built-In Electronic (OLED)
Viewfinder Coverage	100%
Viewfinder Eye Point	23 mm
Viewfinder Magnification	Approx. 0.76x
Viewfinder Resolution	5,790,000 Dot
Viewfinder Size	0.5"
Display Type	Free-Angle Tilting Touchscreen LCD
Display Screen	3.2"
Display Resolution	2,100,000 Dot
Diopter Adjustment	-4 to +2 m

7. EXPOSURE CONTROL

Exposure Modes	Aperture Priority, Manual, Program, Shutter Priority
Metering Method	Center-Weighted Average, Spot, Evaluative, Partial
Metering Range	3 to 20 EV
Exposure Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)
Continuous Shooting	Electronic: up to 20 fps for up to 83 RAW / 170 JPEG frames; Mechanical: up to 12 fps for up to 180 RAW / 350 JPEG frames

Interval Recording	Yes
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8. RECORDING

Video Recording	Yes, NTSC/PAL
Recording Modes	AVC-Intra/AVC-LongG/XF-AVC 4:2:2 10-bit up to DCI 4K 119.88p; AVC-LongG/MP4 4:2:0/4:2:2 up to DCI/UHD 8K 29.97p; Raw 12-bit DCI 8K (8192 x 4320) up to 29.97p [2600 Mb/s]
Gamma Curve	Canon Log 3, HDR-HLG, HDR-PQ, Rec2020, Rec709
Recording Limit	Unlimited

9. CONNECTIVITY

Wireless	2.4/5 GHz Wi-Fi 5 (802.11ac), Bluetooth Control, Wi-Fi (802.11b/g), Wi-Fi 4 (802.11n), Wi-Fi Video Output
GPS	No

10. FLASH

Built-in Flash	No
Dedicated Flash System	eTTL
External Flash Connection	Hot Shoe
Flash Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)
Max Sync Speed	1/250 Second

11. PERFORMANCE

Tripod Mounting Thread	1 x 1/4"-20 Female (Bottom)
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12. INTERFACE

Audio Input	1 x 3.5mm Stereo Headphone Output; 1 x 3.5mm Stereo Mic/Line Input
Other I/O	1 x USB Type-C (USB 3.2/3.1 Gen 2), shared with power
Memory Card Slot	Slot 1: CFexpress Type B; Slot 2: SD/SDHC/SDXC (UHS-II)

13. ENVIRONMENTAL

Operating Temperature	32 to 104°F (0 to 40°C)
Operating Humidity	0 to 85%

14. POWER

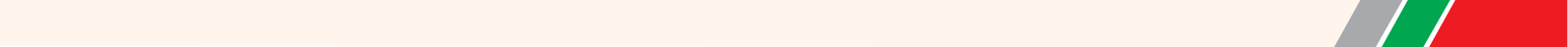
Power Connectors	1 x USB Type-C (9 VDC at 3 A) Input
Battery Type	Canon LP-E6N

15. PHYSICAL

Dimensions	5.6 x 4 x 4.4" / 142.2 x 101.6 x 111.8 mm
Weight	1.5 lb / 680 g (Body Only); 1.7 lb / 770 g (With Battery, Recording Media)

16. MORE

Video Inputs	1 x Micro-HDMI Output
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PART 3 - CONDITIONS OF CONTRACT AND CONTRACT FORMS

SECTION VI - GENERAL CONDITIONS OF CONTRACT

1. Definitions

In the Conditions of Contract (“these Conditions”), which include Special Conditions, Parts A and B, and these General Conditions, the following words and expressions shall have the meanings stated. Words indicating persons or parties include corporations and other legal entities, except where the context requires otherwise.

- a) “Contract” means the Contract Agreement entered into between the Procuring Entity and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- b) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- c) “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.
- d) “Day” means calendar day.
- e) “Completion” means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- f) “GCC” means the General Conditions of Contract.
- g) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Procuring Entity under the Contract.
- h) “Procuring Entity” means the Procuring Entity purchasing the Goods and Related Services, as **specified in the SCC**.
- i) “Related Services” means the services incidental to the supply of the goods, such as insurance, delivery, installation, commissioning, training and initial maintenance and other such obligations of the Supplier under the Contract.
- j) “SCC” means the Special Conditions of Contract.
- k) “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.
- l) “Supplier” means the person, private or government entity, or a combination of the above, whose Tender to perform the Contract has been accepted by the Procuring Entity and is named as such in the Contract Agreement.
- m) “**Base Date**” means a date 30 day prior to the submission of tenders.
- n) “**Laws**” means all national legislation, statutes, ordinances, and regulations and by-laws of any legally constituted public authority.
- o) “**Letter of Acceptance**” means the letter of formal acceptance, signed by the contractor. Procuring Entity, including any annexed memoranda comprising agreements between and signed by both Parties.
- p) “**Procuring Entity**” means the Entity named in the Special Conditions of Contract.

2. Interpretation

- 2.1. If the context so requires it, singular means plural and vice versa.

22. 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 and CIP 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.

3. Contract Documents

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 Framework agreement shall be read as a whole. The documents forming the Contract shall be interpreted in the following order of priority:

- a) the Contract Agreement,
- b) the Letter of Acceptance,
- c) the General Conditions of Contract
- d) Special Conditions of Contract
- e) the Form of Tender,
- f) the Specifications and Schedules of the Drawings (if any), and
- g) the Schedules of Requirements, Price Schedule and any other documents forming part of the Contract.

4. Fraud and Corruption

- 3.1 The supplier shall comply with anti-corruption laws and guidelines and the prevailing sanctions, policies and procedures as set forth in the Laws of Kenya.
- 3.2 The Supplier shall disclose any commissions, gratuity or fees that may have been paid or are to be paid to agents or any other person with respect to the Tendering 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.

4.1 Entire Agreement

4.1.2 Framework Agreement

- 4.1.2.1 The Parties shall enter into a Framework Agreement within 28 days after the Contractor receives the Letter of Acceptance, unless the Particular Conditions establish otherwise. The Framework Agreement shall be based upon FORM No. 3 – FRAMEWORK AGREEMENT annexed to the Particular Conditions. The costs of stamp duties and similar charges (if any) imposed by law in connection with entry into the Framework Agreement shall be borne by the Procuring Entity.
- 4.1.2.2 The Framework Agreement establishes the terms and conditions that will govern the contract awarded during the term of the Framework Agreement. The Framework Agreement establishes for the procurement works by package as and when required, over the specified period of time. The Framework Agreement does not commit a Procuring Entity to procure, nor a Firm to supply. The Framework Agreement allows the Procuring Entity to call the Contractor to commence the works on a particular package in a specified location within the duration of the agreement.
- 4.1.2.3 This Framework Agreement does not guarantee the contractor of being called for a contract to start and no commitment is made with regard to possible number of packages to carry out.
- 4.1.2.4 This Framework Agreement does exclude the Procuring Entity from the right to procure the same Works from other firms.
- 4.1.2.5 This Framework Agreement does not stop the Procuring Entity from removing the contractor from the same Agreement.

- 4.1.2.6 FAs shall be established for a maximum period of three (3) years. The Procuring Entity may with the Consent of the Contractor extend this Agreement if the agreement period is less than three (3) years, if the initial engagement has been satisfactory.
- 4.1.2.7 Call-off Contracts; for work on a package to start, the Procuring Entity shall issue a notice of acceptance of a particular package requesting the contractor to furnish a Performance Security and to start the works thereafter, and providing the contractor with details of location where the works, are to be carried out. The call-off statement shall specify the objectives, tasks, deliverables, timeframes and price or price mechanism. The price for individual call-off contracts shall be based on the prices detailed in the Framework Agreement.

4.2 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.

4.3 Non-waiver

- 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.

4.4 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 Procuring Entity, shall be written in the **English Language**. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate and certified translation of the relevant passages in the **English Language**, in which case, for purposes of interpretation of the Contract, the English language is 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

- 6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Procuring Entity for the fulfilment of the provisions of the Contract and shall designate one member of the joint venture, consortium, or association 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 written consent of the Procuring Entity.

7. Eligibility

- 7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Sub- contractor 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.

72 All Goods and Related Services to be supplied under the Contract shall have their origin in 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.

73 The Tenderer, if a Kenyan firm, must submit with its tender a valid tax compliance certificate from the Kenya Revenue Authority.

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 Kenya.

9.2 Throughout the execution of the Contract, the Supplier shall comply with the import of goods and services prohibitions in Kenya:

- a) where, as a matter of law, compliance or official regulations, Kenya prohibits commercial relations with that country or any import of goods from that country or any payments to any country, person, or entity in that country ; 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, Kenya prohibits any import of goods from that country or any payments to any country, person, or entity.

10. Settlement of Disputes

10.1 The Procuring Entity and the Supplier shall make every effort to resolve amicably by direct negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Procuring Entity 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.

10.2 Arbitration proceedings shall be conducted as follows:

10.2.1 Any claim or dispute between the Parties arising out of or in connection with the Contract not settled amicably in accordance with Sub-Clause 10.1 shall be finally settled by arbitration.

10.2.2 No arbitration proceedings shall be commenced on any claim or dispute where notice of a claim or dispute has not been given by the applying party within thirty days of the occurrence or discovery of the matter or issue giving rise to the dispute.

10.2.3 Notwithstanding the issue of a notice as stated above, the arbitration of such a claim or dispute shall not commence unless an attempt has in the first instance been made by the parties to settle such claim or dispute amicably with or without the assistance of third parties. Proof of such attempt shall be required.

10.2.4 The Arbitrator shall, without prejudice to the generality of his powers, have powers to direct such measurements, computations, or valuations as may in his opinion be desirable in order to determine the rights of the parties and assess and award any sums which ought to have been the subject of or included in any due payments.

10.2.5 Neither Party shall be limited in the proceedings before the arbitrators to the evidence, or to the reasons for the dispute given in its notice of a claim or dispute.

10.2.6 Arbitration may be commenced prior to or after delivery of the goods. The obligations of the Parties shall not be altered by reason of any arbitration being conducted during the progress of the delivery of goods.

1027 The terms of the remuneration of each or all the members of Arbitration shall be mutually agreed upon by the Parties when agreeing the terms of appointment. Each Party shall be responsible for paying one-half of this remuneration.

103 Arbitration Proceedings

1031 Arbitration proceedings with national suppliers will be conducted in accordance with the Arbitration Laws of Kenya. In case of any claim or dispute, such claim or dispute shall be notified in writing by either party to the other with a request to submit it to arbitration and to concur in the appointment of an Arbitrator within thirty days of the notice. The dispute shall be referred to the arbitration and final decision of a person or persons to be agreed between the parties. Failing agreement to concur in the appointment of an Arbitrator, the Arbitrator shall be appointed, on the request of the applying party, by the Chairman or Vice Chairman of any of the following professional institutions;

- i) Kenya National Chamber of Commerce
- ii) Chartered Institute of Arbitrators (Kenya Branch)
- iii) The Law Society of Kenya

1032 The institution written to first by the aggrieved party shall take precedence over all other institutions.

1033 Alternative Arbitration Proceedings

Alternatively, the Parties may refer the matter to the Nairobi Centre for International Arbitration (NCIA) which offers a neutral venue for the conduct of national and international arbitration with commitment to providing institutional support to the arbitral process.

104 Arbitration with Foreign Suppliers

1041 Arbitration with foreign suppliers shall be conducted in accordance with the arbitration rules of the United Nations Commission on International Trade Law (UNCITRAL); or with proceedings administered by the International Chamber of Commerce (ICC) and conducted under the ICC Rules of Arbitration; by one or more arbitrators appointed in accordance with said arbitration rules.

1042 The place of arbitration shall be a location specified in the **SCC**; and the arbitration shall be conducted in the language for communications defined in Sub-Clause 1.4 [Law and Language].

105 Alternative Arbitration Proceedings

Alternatively, the Parties may refer the matter to the Nairobi Centre for International Arbitration (NCIA) which offers a neutral venue for the conduct of national and international arbitration with commitment to providing institutional support to the arbitral process.

106 Failure to Comply with Arbitrator's Decision

1061 The award of such Arbitrator shall be final and binding upon the parties.

10.6.1 In the event that a Party fails to comply with a final and binding Arbitrator's decision, then the other Party may, without prejudice to any other rights it may have, refer the matter to a competent court of law.

107 Contract operations continue

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 Procuring Entity shall pay the Supplier any monies due the Supplier.

11. Inspections and Audit by the Procuring Entity

- 11.1 The Supplier shall keep, and shall 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 of Instruction to Tenderers, the Supplier shall permit and shall cause its subcontractors to permit, the Procuring Entity and/or persons appointed by the Procuring Entity or by other statutory bodies of the Government 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 Procuring Entity. The Supplier's and its Subcontractors' attention is drawn to Sub- Clause 3.1 which provides, inter alia, that acts intended to materially impede the exercise of the Procuring Entity's inspection and audit rights constitute a prohibited practice subject to contract termination, as well as to a determination of ineligibility.

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 List of Goods and Delivery Schedule specified in the Supply 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 Tender, with the exception of any price adjustments authorized in the **SCC**.
- 15.2 Where the contract price is different from the corrected tender price, in order to ensure the supplier is not paid less or more relative to the contract price (*which would be the tender price*), any partial payment valuation based on rates in the schedule of prices in the Tender, will be adjusted by a plus or minus percentage. The percentage already worked out during tender evaluation is worked out as follows: $(\text{corrected tender price} - \text{tender price}) / \text{tender price} \times 100$.

16. Terms of Payment

- 16.1 The Supplier shall request for payment by submitting invoice(s), delivery note(s) and any other relevant documents as specified in the **SCC** to the Procuring Entity.
- 16.2 Payments shall be made promptly by the Procuring Entity, but not later than thirty (30) days after submission of an invoice by the Supplier, and after the Procuring Entity has accepted it.
- 16.3 Where a Procuring Entity rejects Goods and Related Services, in part or wholly, the procuring Entity shall promptly inform the Supplier to collect, replace or rectify as appropriate and give reasons for rejection. The Supplier shall submit a fresh invoice, delivery note and any other relevant documents as specified in the **SCC**.
- 16.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the Tender price is expressed.
- 16.5 In the event that the Procuring Entity fails to pay the Supplier any payment by its due date or within the period set forth in the **SCC**, the Procuring Entity may 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 arbitrage award.

17. Taxes and Duties

- 17.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, and other such levies incurred to deliver the Goods and Related Services to the Procuring Entity at the final delivery point.
- 17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in Kenya, the Supplier shall inform the Procuring Entity and the Procuring Entity 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 Procuring Entity 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 Procuring Entity; and shall be in one of the formats stipulated by the Procuring Entity in **the SCC**, or in another format acceptable to the Procuring Entity.
- 18.4 The Performance Security shall be discharged by the Procuring Entity and returned to the Supplier not later than thirty (30) 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 Procuring Entity by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Procuring Entity 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 Procuring Entity 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 Sub-Supplier such documents, data, and other information it receives from the Procuring Entity to the extent required for the Sub Supplier to perform its work under the Contract, in which event the Supplier shall obtain from such Sub Supplier undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.
- 20.2 The Procuring Entity 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 Procuring Entity 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 Procuring Entity or Supplier need to share with other arms of Government or other bodies participating in the financing of the Contract; such parties shall be disclosed in **the SCC**;
 - 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 Procuring Entity in writing of all subcontracts awarded under the Contract if not already specified in the Tender. Such notification, in the original Tender 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 Procuring Entity, by giving a notice of such disclaimer to the Procuring Entity.
- 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 Procuring Entity 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 Procuring Entity.

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 Incidental Services

25.1 Unless otherwise specified in the **SCC**, responsibility for arranging transportation of the Goods

shall be in accordance with the specified Incoterms.

- 252 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 Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- 253 Prices charged by the Supplier for incidental 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 Procuring Entity 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 Kenya 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 Procuring Entity.
- 26.3 The Procuring Entity 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 Procuring Entity bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all travelling 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 Procuring Entity. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Procuring Entity or its designated representative to attend the test and/or inspection.
- 26.5 The Procuring Entity 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 Procuring Entity with a report of the results of any such test and/or inspection.
- 26.7 The Procuring Entity 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 Procuring Entity, and shall repeat the test and/or inspection, at no cost to the Procuring Entity, 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 Procuring Entity 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 Procuring Entity 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 Procuring Entity 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 Procuring Entity 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 Procuring Entity 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 Procuring Entity.
- 28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC**, the Procuring Entity 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 Procuring Entity may have against the Supplier under the Contract.

29. Patent Indemnity

- 29.1 The Supplier shall, subject to the Procuring Entity's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Procuring Entity 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 Procuring Entity 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 Procuring Entity arising out of

the matters referred to in GCC Sub-Clause 29.1, the Procuring Entity shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Procuring Entity's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

293 If the Supplier fails to notify the Procuring Entity within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Procuring Entity shall be free to conduct the same on its own behalf.

294 The Procuring Entity 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.

295 The Procuring Entity 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 Procuring Entity.

30. Limitation of Liability

30.1 Except in cases of criminal negligence or willful misconduct,

a) the Supplier shall not be liable to the Procuring Entity, 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 Procuring Entity, and

b) the aggregate liability of the Supplier to the Procuring Entity, 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 Procuring Entity with respect to patent infringement.

31. Change in Laws and Regulations

31.1 Unless otherwise specified in the Contract, if after the date of 30 days prior to date of Tender submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Kenya (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 Procuring Entity 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 Procuring Entity in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring

Entity 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 Procuring Entity 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 Procuring Entity;
 - 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 Procuring Entity'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 **Value Engineering:** The Supplier may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following:
- a) the proposed change(s), and a description of the difference to the existing contract requirements;
 - b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Procuring Entity may incur in implementing the value engineering proposal; and
 - c) a description of any effect(s) of the change on performance/functionality.
- 33.5 The Procuring Entity may accept the value engineering proposal if the proposal demonstrates benefits that:
- a) accelerates the delivery period; or
 - b) reduces the Contract Price or the life cycle costs to the Procuring Entity; or
 - c) improves the quality, efficiency or sustainability of the Goods; or
 - d) yields any other benefits to the Procuring Entity, without compromising the necessary functions of the Facilities.
- 33.6 If the value engineering proposal is approved by the Procuring Entity and results in:
- a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified **in the SCC** of the reduction in the Contract Price; or
 - b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in
(a) to (d) above, the amount to be paid to the Supplier shall be the full increase in the Contract Price.
- 33.7 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment 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 Procuring Entity in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Procuring Entity 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 Procuring Entity, 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 Procuring Entity 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 Procuring Entity has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix to the GCC, in competing for or in executing the Contract.
- b) In the event the Procuring Entity terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Procuring Entity 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 Procuring Entity 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.

The Procuring Entity 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 Procuring Entity

35.2 Termination for Convenience.

- a) The Procuring Entity, 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 Procuring Entity'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 Procuring Entity at the Contract terms and prices. For the remaining Goods, the Procuring Entity 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.

36. Assignment

36.1 Neither the Procuring Entity 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 Procuring Entity, to Kenya, 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 Procuring Entity 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 Procuring Entity's convenience pursuant to Sub-Clause 35.3.

SECTION VII - 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.

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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.

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
GCC 1.1(h)	The Procuring Entity is: COUNTY GOVERNMENT OF NYANDARUA
GCC 4.2 (a)	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: <i>N/A</i>
GCC 4.2 (b)	The version edition of Incoterms shall be INCOTERMS 2020
GCC 8.1	For notices , the Procuring Entity's address shall be: Head of Procurement County Government of Nyandarua P.O. BOX 701-20303 OI Kalou Email: scms@nyandarua.go.ke
GCC 10.4.2	The place of arbitration shall be as agreed by both parties.
GCC 13.1	Details of Shipping and other Documents to be furnished by the Supplier are: delivery note and supplier invoice while quality inspection and test reports, Manufacturer warranty certificate where requested. The above documents shall be received by the Procuring Entity before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
GCC 15.1	The prices charged for the Goods supplied and the related Services performed shall be adjustable. If prices are adjustable, the following method shall be used to calculate the price adjustment: The prices of the goods shall be within the acceptable market rates
GCC 16.1	Sample provision GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: As per the framework agreement.
GCC 16.5	The payment-delay period after which the Procuring Entity shall pay interest to the supplier shall be <i>N/A</i> days. The interest rate that shall be applied is <i>N/A</i> %
GCC 18.1	A Performance Security shall NOT be required
GCC 18.3	If required, the Performance Security shall be in the form of: N/A If required, the Performance security shall be denominated in Kenya Shillings
GCC 18.4	Discharge of the Performance Security shall take place: at the end of the Contract
GCC 23.2	The packing, marking and documentation within and outside the packages shall be: consistent with the goods being supplied
GCC 24.1	The insurance coverage shall be as specified in the Incoterms. If not in accordance with Incoterms, insurance shall be as follows: <i>N/A</i>
GCC 25.1	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: N/A
GCC 25.2	Incidental services to be provided are: After Sales Services If Any. <i>[Selected services covered under GCC Clause 25.2 and/or other should be specified with the desired features. The price quoted in the Tender price or agreed with the selected Supplier shall be included in the Contract Price.]</i>
GCC 26.1	The inspections and tests shall be: inspection and acceptance by the Procuring Entity upon delivery.
GCC 26.2	The Inspections and tests shall be conducted at: the location to be decided by the Procuring Entity
GCC 27.1	The liquidated damage shall be: N/A
GCC 27.1	The maximum amount of liquidated damages shall be: N/A
GCC 28.3	The period of validity of the Warranty shall be: 365 days For purposes of the Warranty, the place(s) of final destination(s) shall be: County Government of Nyandarua Sample provision 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: (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, or (b) pay liquidated damages to the Procuring Entity with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be (_____). <i>[The rate should be higher than the adjustment rate used in the Tender evaluation under TDS 34.6(f)]</i>
GCC 28.5, GCC 28.6	The period for repair or replacement shall be: 14 days.
GCC 33.6	If the value engineering proposal is approved by the Procuring Entity the amount to be paid to the Supplier shall be: N/A. The percentage is normally up to 50% of the reduction in the Contract Price.

SECTION VIII - CONTRACT FORMS

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful tenderer after contract award.

FORM No. 1: NOTIFICATION OF INTENTION TO AWARD

This Notification of Intention to Award shall be sent to each Tenderer that submitted a Tender. Send this Notification to the Tenderer's Authorized Representative named in the Tender Information Form on the format below.

FORMAT

1. For the attention of Tenderer's Authorized Representative

i) Name:_____ [insert Authorized Representative's name]

ii) Address:_____ [insert Authorized Representative's Address]

iii) Telephone:_____ [insert Authorized Representative's telephone/fax numbers]

iv) Email Address:_____ [insert Authorized Representative's email address]

[IMPORTANT: insert the date that this Notification is transmitted to Tenderers. The Notification must be sent to all Tenderers simultaneously. This means on the same date and as close to the same time as possible.]

2. Date of transmission:_____ [email] on [date]_____ (local time)

This Notification is sent by _____ (Name and designation) _____

3. Notification of Intention to Award

i) Employer:_____ [insert the name of the Employer]

ii) Project:_____ [insert name of project]

iii) Contract title:_____ [insert the name of the contract]

iv) Country:_____ [insert country where ITT is issued]

v) ITT No:_____ [insert ITT 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:

4. Request a debriefing in relation to the evaluation of your tender

Submit a Procurement-related Complaint in relation to the decision to award the contract.

(i) The successful tenderers:

Package No.	Name of successful Tenderer	Address of the successful Tenderer	Contract price of the successful Tenderer
Lot No.			
Lot No.			
Lot No.			
Lot No.			
Lot No.			
Lot No.			

(ii) Other Tenderers

Names of all Tenderers that submitted a Tender. If the Tender's price was evaluated include the evaluated price as well as the Tender price as read out.

Package No.	Name of Tenderer	Address of the Tenderer	Tender price	evaluated price
Lot No.				
Lot No.				
Lot No.				
Lot No.				
Lot No.				
Lot No.				

(Note a) State NE if not evaluated

5. How to request a debriefing

- a) **DEADLINE:** The deadline to request a debriefing expires at midnight on *[insert date]* (local time).
- b) You may request a debriefing in relation to the results of the evaluation of your Tender. If you decide to request a debriefing your written request must be made within three (5) Business Days of receipt of this Notification of Intention to Award.
- c) Provide the contract name, reference number, name of the Tenderer, contact details; and address the request for debriefing as follows:
 - I) Attention: _____ *[insert full name of person, if applicable]*
 - ii) Title/position: _____ *[insert title/position]*
 - ii) Agency: _____ *[insert name of Employer]*
 - iii) Email address: _____ *[insert email address]*
- d) If your request for a debriefing is received within the 3 Days deadline, we will provide the debriefing within five (3) 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 (3) 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.
- e) 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.
- f) 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) Days from the date of publication of the Contract Award Notice.

6. How to make a complaint

- a) **Period:** Procurement-related Complaint challenging the decision to award shall be submitted by midnight, *[insert date]* (local time).
- b) Provide the contract name, reference number, name of the Tenderer, contact details; and address the Procurement-related Complaint as follows:
 - I) Attention: _____ *[insert full name of person, if applicable]*
 - ii) Title/position: _____ *[insert title/position]*
 - iii) Agency: _____ *[insert name of Employer]*
 - iv) Email address: _____ *[insert email address]*
- c) 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.

- d) Further information: For more information refer to the Public Procurement and Disposals Act 2015 and its Regulations available from the Website www.ppra.go.ke or email complaints@ppra.go.ke.

You should read these documents before preparing and submitting your complaint.

- e) There are four essential requirements:
- i) You must be an 'interested party'. In this case, that means a Tenderer who submitted a Tender in this tendering process, and is the recipient of a Notification of Intention to Award.
- ii) The complaint can only challenge the decision to award the contract.
- iii) You must submit the complaint within the period stated above.
- iv) You must include, in your complaint, all of the information required to support your complaint.

7. **Standstill Period**

- i) **DEADLINE:** The Standstill Period is due to end at midnight on [*insert date*] (local time).
- ii) The Standstill Period lasts ten (14) Days after the date of transmission of this Notification of Intention to Award.
- iii) The Standstill Period may be extended as stated in paragraph Section 5 (d) above.

If you have any questions regarding this Notification please do not hesitate to contact us.

On behalf of the Employer:

Signature: _____

Name: _____

Title/position: _____

Telephone: _____

Email: _____

FORM NO. 2 - REQUEST FOR REVIEW

FORM FOR REVIEW(r.203(1))

PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

APPLICATION NO.....OF.....20.....

BETWEEN

.....APPLICANT

AND

.....RESPONDENT (Procuring Entity)

Request for review of the decision of the..... (Name of the Procuring Entity ofdated the...day of20.....in the matter of Tender No.....of20..... for(Tender description).

REQUEST FOR REVIEW

I/We.....,the above named Applicant(s), of address: Physical address.....P. O. Box No..... Tel. No.....Email, hereby request the Public Procurement Administrative Review Board to review the whole/part of the above mentioned decision on the following grounds , namely:

- 1.
- 2.

By this memorandum, the Applicant requests the Board for an order/orders that:

- 1.
- 2.

SIGNED(Applicant) Dated on.....day of/...20.....

FOR OFFICIAL USE ONLY Lodged with the Secretary Public Procurement Administrative Review Board on.....day of20.....

SIGNED

Board Secretary

FORM NO. 3 LETTER OF AWARD

[Use letter head paper of the Procuring Entity]

_____ [Date]

To: _____ [name and address of the Supplier]

Subject: _____ **Notification of Award Contract No.**

This is to notify you that your Tender dated _____ [insert date] for execution of the _____ [insert name of the contract and identification number, as given in the **SCC**] “for contract Lot No... .. (amount.....), Lot No... .. (amount.....), Lot No... .. (amount.....). etc. are hereby accepted by (name of Procuring Entity).

You are requested to arrange to sign the Framework Agreement within 28 days in accordance with the Conditions of Contract. On being instructed to commence the contract on any of the packages you have won, by a call-off notification, you will be requested to furnish for the particular package a Performance Security within 28 days in accordance with the Conditions of Contract, and for that purpose, using one of the Performance Security Forms included in Section VIII, Contract Forms, of the Tender Document.

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Agency: _____

Attachment: Framework agreement

FORM NO. 4 - FRAMEWORK AGREEMENT

[The successful tenderer 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 Procuring Entity and having its principal place of business at [insert: address of Procuring Entity] (hereinafter called "Procuring Entity")]*, 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.

1. WHEREAS the Procuring Entity invited Tenders for certain Goods and ancillary services, viz., _____
_____ *[insert brief description of Goods and Services]* and has accepted a Tender by the Supplier for the supply of those Goods and Services, the Procuring Entity and the Supplier agree as follows:
 - i) In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
 - ii) 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 Tender
 - 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 completed Schedules (including Price Schedules)
 - h) any other document listed in GCC as forming part of the Contract
 - iii) In consideration of the payments to be made by the Procuring Entity to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Procuring Entity to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
2. The Procuring Entity 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.
3. IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Kenya on the day, month and year indicated above.

For and on behalf of the Procuring Entity

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]*

FORM NO. 5 - PERFORMANCE SECURITY [Option I - Unconditional Demand Bank Guarantee]

[Guarantor letterhead]

Beneficiary: _____ *[insert name and Address of Employer]*

Date: _____ *[Insert date of issue]*

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

1. We have been informed that _____ (hereinafter called "the Contractor") has entered into Contract No. _____ dated _____ with (name of Employer) _____ (the Employer as the Beneficiary), for the execution of _____ (hereinafter called "the Contract").
2. Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.
3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (in words),¹ 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.
4. This guarantee shall expire, no later than the Day of, 2.....², and any demand for payment under it must be received by us at the office indicated above on or before that date.
5. 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."

[Name of Authorized Official, signature(s) and seals/stamps]

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

FORM No. 6 - PERFORMANCE SECURITY [Option 2- Performance Bond]

[Note: Procuring Entities are advised to use Performance Security – Unconditional Demand Bank Guarantee instead of Performance Bond due to difficulties involved in calling Bond holder to action]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: _____ [insert name and Address of Employer]
Date: _____ [Insert date of issue]

PERFORMANCE BOND No.: _____

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

1. By this Bond _____ as Principal (hereinafter called “the Contractor”) and _____] as Surety (hereinafter called “the Surety”), are held and firmly bound unto _____] as Oblige (hereinafter called “the Employer”) in the amount of _____ 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 Contractor and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.
2. WHEREAS the Contractor has entered into a written Agreement with the Employer dated the _____ day of _____, 20_____, for _____ 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.
3. NOW, THEREFORE, the Condition of this Obligation is such that, if the Contractor 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 Contractor shall be, and declared by the Employer to be, in default under the Contract, the Employer having performed the Employer'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 tender or tenders from qualified tenderers for submission to the Employer for completing the Contract in accordance with its terms and conditions, and upon determination by the Employer and the Surety of the lowest responsive Tenderers, arrange for a Contract between such Tenderer, and Employer and make available as work 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 amount 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 Employer to Contractor under the Contract, less the amount properly paid by Employer to Contractor; or
 - 3) pay the Employer the amount required by Employer to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.
4. The Surety shall not be liable for a greater sum than the specified penalty of this Bond.
5. Any suit under this Bond must be instituted before the expiration of one year from the date of the issuing of the Taking-Over Certificate. No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Employer named herein or the heirs, executors, administrators, successors, and assigns of the Employer.
6. In testimony whereof, the Contractor 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 _____

FORM NO. 7 - ADVANCE PAYMENT SECURITY [Demand Bank Guarantee]

[Guarantor letterhead]

Beneficiary: _____ [Insert
name and Address of Employer]

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]

1. We have been informed that _____ (hereinafter called "the Contractor") has entered into Contract No. _____ dated _____ with the Beneficiary, for the execution of _____ (hereinafter called "the Contract").

2. Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum _____ (in words _____) is to be made against an advance payment guarantee.

3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (in words _____) ¹ 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:

(a) has used the advance payment for purposes other than the costs of mobilization in respect of the goods; or

(b) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

4. 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 Contractor on its account number _____ at -----.

5. The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Contractor 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, less provisional sums, has been certified for payment, or on the ____ day of _____, 2____, ² whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

6. 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.

____ [Name of Authorized Official, signature(s) and seals/stamps]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the

¹The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency of the advance payment as specified in the Contract.

² Insert the expected expiration date of the Time for Completion. The Employer should note that in the event of an extension of the time for completion of the Contract, the Employer would need 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.

final product.

FORM NO. 8 BENEFICIAL OWNERSHIP DISCLOSURE FORM
(Amended and issued pursuant to PPRA CIRCULAR No. 02/2022)

INSTRUCTIONS TO TENDERERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM

This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful tenderer pursuant to Regulation 13 (2A) and 13 (6) of the Companies (Beneficial Ownership Information) Regulations, 2020. In case of joint venture, the tenderer 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 Tenderer is any natural person who ultimately owns or controls the legal person (tenderer) or arrangements or a natural person on whose behalf a transaction is conducted, and includes those persons who exercise ultimate effective control over a legal person (Tenderer) or arrangement.

Tender Reference No.:_____ [insert identification

no] Name of the Tender Title/Description:_____ [insert name of the
assignment] to:_____ [insert complete name of Procuring Entity]

In response to the requirement in your notification of award dated _____ [insert date of notification of award] to furnish additional information on beneficial ownership:_____ [select one option as applicable and delete the options that are not applicable]

I) We here by provide the following beneficial ownership information.

Details of beneficial ownership

	Details of all Beneficial Owners		% of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)
I.	Full Name		Directly----- ----- % of shares Indirectly---- ----- % of shares	Directly.....% of voting rights Indirectly----- % of voting rights	1. Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes -----No---- 2. Is this right held directly or indirectly?: Direct..... Indirect.....	1. Exercises significant influence or control over the Company body of the Company (tenderer) Yes -----No--- - 2. Is this influence or control exercised directly or indirectly?
	National identity card number or Passport number					
	Personal Identification Number (where applicable)					
	Nationality					
	Date of birth [dd/mm/yyyy]					
	Postal address					
	Residential address					
	Telephone number					
	Email address					

Details of all Beneficial Owners		% of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)
Occupation or profession					Direct..... Indirect.....
2.	Full Name		Directly----- ----- % of shares	Directly.....% of voting rights	1. Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes -----No----
	National identity card number or Passport number				2. Is this right held directly or indirectly?:
	Personal Identification Number (where applicable)		Indirectly----- ----- % of shares	Indirectly----- % of voting rights	Direct.....
	Nationality(ies)				Indirect.....
	Date of birth [dd/mm/yyyy]				
	Postal address				
	Residential address				
	Telephone number				
	Email address				
	Occupation or profession				
3.					
e.					
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II) Am fully aware that beneficial ownership information above shall be reported to the Public Procurement Regulatory Authority together with other details in relation to contract awards and shall be maintained in the Government Portal, published and made publicly available pursuant to Regulation 13(5) of the Companies (Beneficial Ownership Information) Regulations, 2020.(Notwithstanding this paragraph Personally Identifiable Information in line with the Data Protection Act shall not be published or made public). Note that Personally Identifiable Information (PII) is defined as any information that can be used to distinguish one person from another and can be used to deanonymize previously anonymous data. This information includes National identity card number or Passport number, Personal Identification Number, Date of birth, Residential address, email address and Telephone number.

III) In determining who meets the threshold of who a beneficial owner is, the Tenderer must consider a natural person who in relation to the company:

- (a) holds at least ten percent of the issued shares in the company either directly or indirectly;
- (b) exercises at least ten percent of the voting rights in the company either directly or indirectly;
- (c) holds a right, directly or indirectly, to appoint or remove a director of the company; or
- (d) exercises significant influence or control, directly or indirectly, over the company.

IV) What is stated to herein above is true to the best of my knowledge, information and belief.

Name of the Tenderer:*[insert complete name of the Tenderer]_____

Name of the person duly authorized to sign the Tender on behalf of the Tenderer: ** [insert complete name of person duly authorized to sign the Tender]

Designation of the person signing the Tender: [insert complete title of the person signing the Tender]

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

Date this [insert date of signing] day of..... [Insert month], [insert year]

Bidder Official Stamp

