

REPUBLIC OF THE PHILIPPINES QUEZON CITY GOVERNMENT BIDS AND AWARDS COMMITTEE – GOODS AND SERVICES



PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

PROCUREMENT OF DESKTOP COMPUTER AND OTHERS

PROJECT NO. CGSD-21-OE-862

Government of the Republic of the Philippines

Sixth Edition July 2020

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the "name of the Procuring Entity" and "address for bid submission," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.

- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

CIP - Carriage and Insurance Paid.

CPI – Consumer Price Index.

DDP – Refers to the quoted price of the Goods, which means "delivered duty paid."

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – "Free Carrier" shipping point.

FOB – "Free on Board" shipping point.

Foreign-funded Procurement or Foreign-Assisted Project— Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

Framework Agreement – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as "Call-Offs," are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods — Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs - Local Government Units.

NFCC - Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency

which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

Supplier – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.

Section I. Invitation to Bid

Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



QUEZON CITY GOVERNMENT BAC – GOODS AND SERVICES



January 28, 2022

INVITATION TO BID

			(VIIAIION IO DID			
ITEM NO.	P.R. / PROJECT NO.	OFFICE	PROJECT NAME	AMOUNT	SOURCE OF FUND	DELIVERY PERIOD
1	NDH-22-SERVICES- 102	NOVALICHES DISTRICT HOSPITAL	BIOMEDICAL WASTE DISPOSAL	P 1,562,490.00	GF	10 MONTHS
2	CTO-22-BEVERAGES- 086	CITY TREASURER'S OFFICE	SUPPLIES FOR COFFEE VENDING MACHINE	P 2,100,000.00	GF	10 MONTHS
3	GF-20-11-02113	CITY TREASURER'S OFFICE	MOTOR VEHICLE	P 1,215,000.00	GF	30 CD
4	RMBGH-22-PCS-110	ROSARIO MACLANG BAUTISTA GENERAL HOSPITAL	PEST CONTROL SERVICES	P 1,291,666.67	GF	10 MONTHS
5	OCS-22-PBAA-092	OFFICE OF THE SECRETARY TO THE SANGGUNIANG PANLUNGSOD	PUBLICATION OF APPROVED CITY ORDINANCES AND RESOLUTIONS	P 2,800,000.00	GF	10 MONTHS
6	CMO-21-VEHICLES- 649	OFFICE OF THE CITY MAYOR	FIRETRUCK	P 36,000,000.00	GF	90 CD
7	OCM(POPS)-22- VEHICLES-111	OFFICE OF THE CITY MAYOR	MOTOR VEHICLE (MULTI-PURPOSE VEHICLE)	P 1,000,000.00	GF	30 CD
8	CGSD-21-OE-862	CITY GENERAL SERVICES DEPARTMENT	DESKTOP COMPUTER AND OTHERS	P 4,891,930.49	GF	30 CD
9	HEALTH-22- SERVICES-087	QUEZON CITY HEALTH DEPARTMENT	BIOMEDICAL WASTE DISPOSAL	P 904,500.00	GF	9 MONTHS
10	HEALTH-22-MSLI- 081	QUEZON CITY HEALTH DEPARTMENT	VIRUS COLLECTION SET FOR COVID-19 RT-PCR	P 56,000,000.00	GF	30 CD
11		DEPARTMENT OF SANITATION AND CLEANUP WORKS OF QUEZON CITY	LINE 1: SOLID WASTE CLEANUP, COLLECTION AND DISPOSAL PROJECT 2022-2023 FOR DISTRICT I	P 327,447,568.92	GF	12 MONTHS
		DEPARTMENT OF SANITATION AND CLEANUP WORKS OF QUEZON CITY	LINE 2: SOLID WASTE CLEANUP, COLLECTION AND DISPOSAL PROJECT 2022-2023 FOR DISTRICT II	P 244,434,641.04	GF	12 MONTHS
	DSQC-22-SERVICES-	DEPARTMENT OF SANITATION AND CLEANUP WORKS OF QUEZON CITY	LINE 3: SOLID WASTE CLEANUP, COLLECTION AND DISPOSAL PROJECT 2022-2023 FOR DISTRICT III	P 270,465,785.48	GF	12 MONTHS
	096	DEPARTMENT OF SANITATION AND CLEANUP WORKS OF QUEZON CITY	LINE 4: SOLID WASTE CLEANUP, COLLECTION AND DISPOSAL PROJECT 2022-2023 FOR DISTRICT IV	P 397,672,117.68	GF	12 MONTHS
		DEPARTMENT OF SANITATION AND CLEANUP WORKS OF QUEZON CITY	LINE 5: SOLID WASTE CLEANUP, COLLECTION AND DISPOSAL PROJECT 2022-2023 FOR DISTRICT V	P 263,388,772.32	GF	12 MONTHS
		DEPARTMENT OF SANITATION AND CLEANUP WORKS OF QUEZON CITY	LINE 6: SOLID WASTE CLEANUP, COLLECTION AND DISPOSAL PROJECT 2022-2023 FOR DISTRICT VI	P 293,707,606.56	GF	12 MONTHS

- 1. The *QUEZON CITY LOCAL GOVERNMENT*, through the *General Fund of various years* intends to apply the sums stated above being the ABC to payments under the contract for *the above stated projects of contract for each lot/item*. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The *QUEZON CITY LOCAL GOVERNMENT* now invites bids for various *Projects*. Delivery of the Goods is required *as stated above*. Bidders should have completed, within *the last three (3) years* from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.

- 3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
 - a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
- 4. Prospective Bidders may obtain further information from *QUEZON CITY GOVERNMENT Bids and Awards Committee (BAC) Secretariat* and inspect the Bidding Documents at the address given below during *weekdays from 8:00 a.m.* 5:00 p.m.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders on *Monday, January 31*, 2022 from the given address and website(s) below *and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB*. The Procuring Entity shall allow the bidder to present its proof of payment for the fees *in person*.

STANDARD RATES:

Approved Budget for the Contract	Maximum Cost of Bidding Documents (in Philippine Peso)
More than 500,000 up to 1 Million	1,000.00
More than 1 Million up to 5 Million	5,000.00
More than 5 Million up to 10 Million	10,000.00
More than 10 Million up to 50 Million	25,000.00
More than 50 Million up to 500 Million	50,000.00
More than 500 Million	75,000.00

The following are the requirements for purchase of Bidding Documents;

- 1. PhilGEPS Registration Certificate (Platinum 3 pages)
- 2. Document Request List (DRL)
- 3. Authorization to Purchase Bidding Documents
 - 3.1 Corporate Secretary Certificate for corporation (specific for the project)
 - 3.2 Special Power of Attorney for single proprietorship (specific for the project)
- 4. Notarized Joint Venture Agreement (as applicable)
- 6. The *Quezon City Local Government* will hold a Pre-Bid Conference on 10:30 A.M. of **Tuesday**, **February 08, 2022** at **2**nd **Floor, Procurement Department-Bidding Room, Finance Building, Quezon City Hall Compound**, and/or through video conferencing *via Zoom* which shall be open to prospective bidders.

Topic: BAC-GOODS Pre Bid Conference Meeting

Join Zoom Meeting

https://us02web.zoom.us/j/84835002246?pwd=OVRuVE0weXZMNXYwZG5LaWd1dXk1QT09

Meeting ID: 848 3500 2246

Passcode: 154733

- 7. Bids must be duly received by the BAC Secretariat through manual submission at the 2nd Floor, Procurement Department, Finance Building, Quezon City Hall Compound on or before 11:00 A.M. of **Monday, February 21, 2022.** Late bids shall not be accepted.
- 8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
- 9. Bid opening shall be on 1:00 P.M. of **Monday, February 21, 2022 at** the given address below and/or via Zoom. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

Topic: BAC-GOODS & SERVICES BIDDING

Join Zoom Meeting

 $\underline{https://us02web.zoom.us/j/85850855933?pwd} = \underline{R2dZUUp4Z31yU29iZGV1WmdKRjZCdz09}$

Meeting ID: 858 5085 5933

Passcode: 118682

- 10. The *Quezon City Local Government* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

ATTY. DOMINIC B. GARCIA

OIC, Procurement Department 2nd Floor, Procurement Department, Finance Building, Quezon City Hall Compound Elliptical Road, Barangay Central Diliman, Quezon City. Email Add: bacgoods.procurement@quezoncity.gov.ph Tel. No. (02)8988-4242 loc. 8506/8710

Website: www.quezoncity.gov.ph

12. You may visit the following websites:

For downloading of Bidding Documents: www.quezoncity.gov.ph

By:

(Sgd.) MA. MARGARITA T. SANTOS Chairperson, QC-BAC-Goods and Services

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

1. Scope of Bid

The Procuring Entity, Quezon City Local Government wishes to receive Bids for the PROCUREMENT OF DESKTOP COMPUTER AND OTHERS with identification number CGSD-21-OE-862.

[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]

The Procurement Project (referred to herein as "Project") is composed of **Forty Two (42)** *items*, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for 2021 in the amount of FOUR MILLION EIGHT HUNDRED NINETY ONE THOUSAND NINE HUNDRED THIRTY PESOS AND 49/100 ONLY (Php 4,891,930.49)
- 2.2. The source of funding is:
 - a. LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
 - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
 - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - iii. When the Goods sought to be procured are not available from local suppliers; or
 - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
 - a. For the procurement of Non-Expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that: Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII** (Checklist of Technical and Financial **Documents**).
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *the last three* (3) *years* prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an Apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in Section VIII (Checklist of Technical and Financial Documents).
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
 - a. For Goods offered from within the Procuring Entity's country:

- i. The price of the Goods quoted EXW (ex-works, ex-factory, exwarehouse, ex-showroom, or off-the-shelf, as applicable);
- ii. The cost of all customs duties and sales and other taxes already paid or payable;
- iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
- iv. The price of other (incidental) services, if any, listed in e.

b. For Goods offered from abroad:

- i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
- ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications).**

13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 13.2. Payment of the contract price shall be made in:
 - a. Philippine Pesos.

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration¹ or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security in no case shall exceed One Hundred Twenty (120) calendar days from the date of opening of bids, unless duly extended by the bidder upon the request of the Head of the Procuring Entity (HoPE) of the Quezon City Local Government. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

¹ In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time through manual submission as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "passed," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII** (**Technical Specifications**), although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:

One Project having several items that shall be awarded as one contract.

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

Notes on the Bid Data Sheet

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

Bid Data Sheet

ITB Clause	
5.3	For this purpose, contracts similar to the Project shall be:
	a. A single contract similar to the item/s to be bid and must be at least FIFTY PERCENT (50%) of the ABC.
	b. Completed within the last three (3) years prior to the deadline for the submission and receipt of bids substantially in a FORM prescribed by the QC-BAC-GOODS AND SERVICES, must be accompanied by a copy of Certificate of Acceptance by the end-user or Official Receipt (O.R) or Sales Invoice (S.I.) issued for the Contract.
7.1	Subcontracting is not allowed.
12	The price of the Goods shall be quoted DDP <i>within Quezon City</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:
	a. The amount of not less than <i>Php 97,838.61</i> or equivalent to two percent (2%) of ABC if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
	b. The amount of not less than <i>Php 244,596.53</i> or equivalent to five percent (5%) of ABC if bid security is in Surety Bond.
19.3	[In case the Project will be awarded by lot, list the grouping of lots by specifying the group title, items, and the quantity for every identified lot, and the corresponding ABC for each lot.]
	[In case the project will be awarded by item, list each item indicating its quantity and ABC.]
20.2	List of required licenses and permits relevant to the Project and the corresponding law requiring it.
	No additional requirement
21.2	Additional required documents relevant to the Project that are required by existing laws and/or the Procuring Entity.
	• For ALL items <u>except for item no. 40</u> - Statement of Warranty: Minimum of One (1) Year.
	• For item no. 40 - Statement of Warranty: Minimum of Three (3) Years on parts and service.

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC).**

2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the SCC, Section IV (Technical Specifications) shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

Special Conditions of Contract

0.00	Special Conditions of Contract
GCC Clause	
1	[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]
	Delivery and Documents –
	For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:
	[For Goods supplied from abroad, state:] "The delivery terms applicable to the Contract are DDP delivered [indicate place of destination]. In accordance with INCOTERMS."
	[For Goods supplied from within the Philippines, state:] "The delivery terms applicable to this Contract are delivered [indicate place of destination]. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination."
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).
	For purposes of this Clause the Procuring Entity's Representative at the Project Site is [indicate name(s)].
	Incidental Services –
	The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: Select appropriate requirements and delete the rest.
	 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. f. [Specify additional incidental service requirements, as needed.]
	The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

Spare Parts –

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

Select appropriate requirements and delete the rest.

- a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- b. in the event of termination of production of the spare parts:
 - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
 - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI** (**Schedule of Requirements**) and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of [indicate here the time period specified. If not used indicate a time period of three times the warranty period].

Spare parts or components shall be supplied as promptly as possible, but in any case, within [insert appropriate time period] months of placing the order.

Packaging -

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging 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.

The packaging, 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 below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity Name of the Supplier

Contract Description **Final Destination** Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging. Transportation -Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price. Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure. The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination. **Intellectual Property Rights –** The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof. [If partial payment is allowed, state] "The terms of payment shall be as follows: 2.2 be 4 inspections and tests that will conducted are: Product Presentation/Demonstration/Site Inspection, if applicable.

Section VI. Schedule of Requirements

PROJECT NAME: PROCUREMENT OF DESKTOP COMPUTER AND OTHERS PROJECT NO. CGSD-21-OE-862

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Unit of Issue	Quantity	Delivered, Weeks/Months
	With the following minimum Specifications			
1	With the following minimum Specifications Desktop Computer – i5 11th gen. or its equivalent benchmark processor, 21.5 inch (diagonal) LED backlit display with IPS technology; 1920 by 1080 resolution with support for millions of colors, with 6MB L3 cache, 8GB (two 4GB) of 1600Mhz DDRE memory; 802.11ac Wi-Fi wireless networking; IEEE 802.11a/b/g/n compatible; Bluetooth 4.0 wireless technology 2 pcs. 1TB SSD 1 Keyboard (wireless) same brand 1 Mouse (wireless) same brand Windows 11 Pro Office Application: MS 2019 Anti-Virus: Internet Security 2021 UPS: Output power capacity 360	Unit	1	
	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter.			Within Thirty (30)
2	Barcode Reader (Scanner) – Durable, Single-Board Construction; Scratch Resistant Tempered Glass; Accurate First Time Capture of 1D Barcodes; Wide Working Range up to 17 inches; Plug and Play with Universal Cable; Advanced Data Formatting, For Proper tracing and inventory of supplies.	Unit	1	Calendar Days Upon Issuance of Notice to Proceed
3	Barcode Printer – Max Print Width: 4.09 inches; Max Print Speed: 4 inches per second; Printing Method: Thermal Transfer; Resolution: 300 dpi, Must be Compatible with item #2 (Barcode Reader)	Unit	1	
4	Monitor LED – Black,– 21.5 inches Full HD, Max. Resolution 1920x1080, Input signal VGA, DVI, Aspect ratio 16:9.	Unit	35	
5	Printer- Ink Tank system – Ink Tank system maximum resolution: 720dpi Nozzle configuration: 180 nozzles black 59 nozzles cyan magenta yellow Printer on demand ink jet bi-directional printing, undirectional printing.	Unit	11	
6	Printer Multifunction Inkjet Colored –	Unit	1	

			1
	Multi-function, capable for copy, print,		
	duplex printing, scan and fax. Wireless		
	network ready, color printing (MFC), A3		
	print capability, print speed up to 35ppm		
	(mono) and 27ppm (colored), laser		
	comparable.		
7	Printer – Printer Method-On demand ink	Unit	4
/		Omt	4
	jet (piezoelectric) Nozzle Configuration =		
	180 nozzle black, 59 nozzles, each color		
	(Cyan, Magenta, Yellow) Maximum		
	Resolution=720x720 (with Variable-sized		
	Droplet Technology) Maximum Ink		
	Droplet Volume= 3pl ISO Default		
	Simplex- ISO 24734 print speed,		
	Black=10.5imp Colored=4.5imp		
8	Printer – 3-in-1 Monochrome laser multi-	Unit	1
O	function centre with automatic function:	OTH	1
	Print, Scan, Copy Print speed: up to		
	30ppm 2-sided printing and Wireless		
	Networking. Resolution 600 x 600 dpi		
	HQ1200 (2400 X 600 dpi) quality 1200 x		
	1200 dpi		
9	Desktop Computer i5 11th gen or its	Unit	2
	equivalent benchmark processor; (6m		
	Cache) Operating System: Windows 11		
	C6:C8 DDR4-1600MHz (2 x DIMM slots)		
	Drive: 1TB 7200 RPM; Connectors: 2x USB		
	2.0, 6 IN 1 card reader, LAN, Mic,		
	Headphone: Sound: Stereo Speakers;		
	Communications: Wi-Fi 802.11 b/g/n;		
	Optical Drive: DVD RAMBO reader/		
	-		
	writer; display: 23-inches LED Backlit		
	LCD (1920x1080) 5-point touchscreen:		
	Office Application: MS 2019		
	Anti-Virus: Internet Security 2021		
	UPS: Output power capacity 360		
	watts/650VA output connections (4)		
	NEMA 5-15r (Battery Backup) Nominal		
	Output Voltage 230V nominal input		
	voltage 230V input connections NEMA 5-		
	15P cord length 1.2 meter.		
10	Desktop Computer i7 – 11 th Generation	Unit	1
10		Oillt	1
	Intel or its equivalent benchmark		
	processor / 16GB / 1TB GB 7200 + 128GB		
	SSD / Windows 11 Pro, Keyboard and		
	Mouse Same Brand		
	Office Application: MS 2019		
	Anti-Virus: Internet Security 2021		
	UPS: Output power capacity 360		
	watts/650VA output connections (4)		
	NEMA 5-15r (Battery Backup) Nominal		
	Output Voltage 230V nominal input		
	voltage 230V input connections NEMA 5-		
1.1	15P cord length 1.2 meter	** *:	
	Desktop Computer - i7 – 11 th Generation	Unit	2
11			
11	Intel or its equivalent benchmark		
11			

			 	
	Hard Drive: 1TB 3.5-inches 7200 PD 4			
	RPM			
	 Graphics: NVIDIA GeForce 			
	GTX745 4GB DDR5 (supporting			
	DVI, HDMI) only. • Windows 10 Pro with 23inches			
	monitor			
	Keyboard and Mouse Same Brand,			
	Office Application: MS 2019			
	Anti-Virus: Internet Security 2021			
	UPS: Output power capacity 360			
	watts/650VA output connections (4)			
	NEMA 5-15r (Battery Backup) Nominal			
	Output Voltage 230V nominal input			
	voltage 230V input connections NEMA 5-			
	15P cord length 1.2 meter.			
12	External Hard Drive 1TB – 1TB, 2.5 inches	Piece	3	
•	HDD, USB 3.0, backward compatible with			
	USB 2.0, 5400 rpm with dual color LED			
	light to indicate USB 3.0/USB 2.0			
	transmission, USB powered, System			
	Requirements: USB 3.0: Windows			
	XP/Vista/7/MacOSx10.4 or above, with			
	USB 3.0 cable and product guide.			
13	External Hard Drive-2TB – 2TB, 2.5	Piece	5	
	inches HDD, USB 3.0, backward			
	compatible with USB 2.0, 5400RPM, with			
	dual color LED light to indicate USB			
	3.0/USB 2.0 transmission, USB powered,			
	Windows XP, Vista/7/8; MacOSx10.4 or			
	above, with USB 3.0 cable and product			
1.4	guide. External Hard Drive-3TB – Black- 3TB	D:	1	
14	basics 5400 rpm USB 3.0 External Hard	Piece	1	
	Drive provides 3TB of digital storage			
	dimensions 4.7 x 3.1 x 0.8inch / 119.4 x			
	78.7 x 20.3 mm weight 8.1 oz. / 229.6g or			
	its equivalent.			
15	CPU – i5-11 th Gen. 2.90GHz Processor	Unit	7	
10	Ram (2x 8GB) 16GB DDR4 2400/2666Mhz			
	Memory SSD 120GB SSD 2.5 inches SATA			
	HDD 1TB SATA 7200rpm HDD Mobo			
	B360M Gaming Plus Motherboard 4G			
	128Bi RGB Casing Psu Tru Rated 500watts			
	PSU 80+ Chassis Fan (2) Aurora Cooling			
	Fan 12CM RGB Keyboard Mechanical			
	Keyboard with LED Wired Mouse, Red			
	AVR Eco Power 500W			
	Office Application: MS 2019			
	Anti-Virus: Internet Security 2021			
	UPS: Output power capacity 360			
	watts/650VA output connections (4)			
	NEMA 5-15r (Battery Backup) Nominal			
	Outroot Waltage 220V manipul invest			
	Output Voltage 230V nominal input			i
	voltage 230V input connections NEMA 5-			
	voltage 230V input connections NEMA 5- 15P cord length 1.2 meter.			
16	voltage 230V input connections NEMA 5-	Unit	1	

	Compatibility, Resolution: VGA UXGA (1600x1200), HDMI, HD (1920x1080), Display Tech: Single 0.55 inch XGA DC3, DMD Chip.		
17	Network Switch-24ports – 24 Ports 10/100/1000 Mbps with 2 SFP slots, (for	Unit	3
	fiber optic Trans receiver) stackable manage, 24 RJ-45 plus 2 SFP slots For LAN connection for different		
	computers.		
18	Wi-Fi Router 4 Ports – 4 port, Wi-Fi router Wi-Fi Speed: 5 GHz: 1201 Mbps (802.11ax) 2.4GHz: 300 Mbps 802.11n Wi-Fi Range: 4x Fixed High Performance Antennas Wi-Fi Capacity: Dual-Band Working Modes: Router Mode Access Point Mode	Unit	1
	Processor: 1.5 GHz Triple-Core CPU Ethernet Ports: 1x Gigabit LAN Ports Buttons: WPS/Wi-Fi Button Power On/Off Button LED on/off Button Reset Button		
19	LAPTOP COMPUTER I7 – 8 TH GEN INTEL CORE 1.80 GHz Processor (8M Cache up to 4.00 GHz) /8GB / 2TB AMD Radeon 530 Graphics with 4G GDDR5 / 15.6-inches FHD (1920x1080) Anti-Glare LED Backlit Display / Windows 10	Unit	2
20	COMPUTER DESKTOP (ALL-IN-ONE) - Processor: Intel Core i7 2.40 Ghz Processor (12M Cache, up to 4.00 GHz), Memory: 8GB DDR4- 2400 sdram (1x8 GB), Storage: 1 TB 7200 rpm SATA, Optical Drive: DVD writer ODD, Operating System: Windows 10, Display: 23.8 diagonal FHD IPS ZBD (1920x1080), Touch, Graphics: AMD Radeon 530 Graphics (2 GB GDDR5 dedicated), Power: 150W external AC power adapter, accessories: Wireless keyboard same brand with volume control & optical mouse Nano-dongle kit, Connectivity: 802.11ac (2x2) WLAN & Bluetooth 4.2 Card, Card Reader: 3-in-1 Medical Card Reader, Audio: B&O Play, Color: Blizzard White Office Application: MS 2019 Anti-Virus: Internet Security 2021 UPS: Output power capacity 360 watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5-	Unit	10
21	15P cord length 1.2 meter. PORTABLE SSD 2.5 inches – Seagate	Unit	5

	3.1 Type C Portable External Drive.		
22	UPS BX1100LI-MS- Back UPS - BX110LI-	Unit	10
	MS APC Back UPS 550 watts/1100VA		
	230V, AVR, Universal and IEC Sockets		
23	DOCUMENT FAST SCANNER – Ultra	Unit	1
	Fast: 65 ppm/130 ipm scan speeds; Color		
	and duplex, Scans both sides in just one		
	press, Robust: 6000 sheets daily duty cycle		
	and 80 sheets Automatic Document		
	Feeder (ADF), Document Sizes: Paper size		
	Minimum: 2inches x 2inches Paper size		
	Maximum: 8.5inches x 120inches,		
	Consumables: Roller assembly kit 200,000		
	cycles.		
24	WIRELESS PRINTER – Compact	Unit	2
	integrated tank design/print speeds up to		
	15ipm for black and 8.0ipm for color/		
	Auto-duplex printing FAX and ADF		
	capability/Ethernet & Wi-Fi Direct/		
	Borderless Printing up to A4 size / Spill-		
	free ink refilling.		
25	Printer Multifunction Colored-A3	Unit	2
	Format – A3 Colored A3 Scanner Copier		
	Fax with Continuous Ink System, print,		
	copy, scan and fax up to 11" x 17" (ledger		
	size) Built-in Wireless Color LCD display		
	with speeds up to 35 ppm black and 27		
	ppm color		
26	DESKTOP COMPUTER – I5 Processor:	Piece	4
	Intel Core i5 latest generation; memory		
	8GB or higher; Hard Drive: 1TB 3.5 SATA		
	1GB LAM; Video Card 2 GB DDR5; MS		
	Windows 10 Pro, 64bit with same brand,		
	USB Mouse and Keyboard; same brand,		
	monitor 19 inches LED; with 1KVA 650W		
	Office Application: MS 2019		
	Anti-Virus: Internet Security 2021		
	UPS: Output power capacity 360		
	watts/650VA output connections (4)		
	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal		
	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input		
	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5-		
	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter.		
27	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter. Webcam HD – 4X Zoom 1080p Streaming	Piece	5
27	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter. Webcam HD – 4X Zoom 1080p Streaming Widescreen Video Camera – built in 2	Piece	5
27	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter. Webcam HD – 4X Zoom 1080p Streaming	Piece	5
27	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter. Webcam HD – 4X Zoom 1080p Streaming Widescreen Video Camera – built in 2 Omni-Directional Mics for Recording, for Computer Desktop and Laptop – Certified	Piece	5
27	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter. Webcam HD – 4X Zoom 1080p Streaming Widescreen Video Camera – built in 2 Omni-Directional Mics for Recording, for	Piece	5
27	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter. Webcam HD – 4X Zoom 1080p Streaming Widescreen Video Camera – built in 2 Omni-Directional Mics for Recording, for Computer Desktop and Laptop – Certified	Piece Piece	5
	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter. Webcam HD – 4X Zoom 1080p Streaming Widescreen Video Camera – built in 2 Omni-Directional Mics for Recording, for Computer Desktop and Laptop – Certified for Business.		
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	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter. Webcam HD – 4X Zoom 1080p Streaming Widescreen Video Camera – built in 2 Omni-Directional Mics for Recording, for Computer Desktop and Laptop – Certified for Business. All-in-One Ink Tank Printer – Automatic duplex/ print speed up to print speed up to 32ppm/ 20ppm/ fax and ADF capability/ Ethernet & Wi-Fi direct, print method: precision core print head, maximum print resolution: 4,800 x 1,200		
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	watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5- 15P cord length 1.2 meter. Webcam HD – 4X Zoom 1080p Streaming Widescreen Video Camera – built in 2 Omni-Directional Mics for Recording, for Computer Desktop and Laptop – Certified for Business. All-in-One Ink Tank Printer – Automatic duplex/ print speed up to print speed up to 32ppm/ 20ppm/ fax and ADF capability/ Ethernet & Wi-Fi direct, print method: precision core print head, maximum print resolution: 4,800 x 1,200 dpi, minimum ink droplet volume 2.8pi, printer language: ESC/P-R, automatic		

	copy resolution: 600 x 600 dpi, max copies:	T	
	999 copies reduction/ enlargement: 25-		
	400%, auto fit function, maximum copy		
	size: A3.		
29	Monitor LED-21.5 inches – Black, 21.5	Unit	5
2)	inches Full HD, Max. Resolution	Oint	3
	1920x1080, input signal VGA, DVI, Aspect		
	ratio 16:9, Brightness 250cd/m², Pixel Pitch		
	0.247mm.		
30		Unit	10
30	Printer-Ink Tank system – Ink Tank	Offit	10
	System maximum resolution:720dpi		
	Nozzle configuration: 180 nozzles black 59		
	nozzles cyan magenta yellow weight:		
	2.4kgs, Print Speed: Up to 8.5 ipm/4.5 ipm		
	(Black/Colored), 50 sheets/tray, maximum		
21	paper size: 8.5x44 inches.	T.T. **	10
31	UPS –650VA. Output power capacity: 325	Unit	10
	Watts/650 VA. Max Configuration Power:		
	325 Watts/650 VA. Nominal Output		
	Voltage: 230V. Output Frequency:		
	50/60Hz +/-1 Hz. Topology: Line		
	Interactive. Waveform type: Stepped		
	Approximation to a sinewave. Transfer		
	Time: 4ms typical: 6ms max. Nominal		
	Input Voltage: 230V. Input Frequency:		
	50/60 Hz +/-3. Input Connection: NEMA		
	5-15P. Cord Length: 1.22meters. input		
	voltage range for main operation: 180-		
	270V Numbers of cords: 1. Type of input		
	Protection required: gl. Fuse. Max input		
	Current: 5.0A. Input Power Factor at Full		
22	Load.	T.T. 1.	
32	Scanner – Scanner Type: A4 sheet-fed,	Unit	1
	simplex colour scanner Sensor Type: CIS		
	Light Source: RGB LED Optical		
	Resolution: 600x600 dpi Output		
	Resolution: 50 – 1,200 dpi (in 1 dpi		
	increments) Scanner Bit Depth (Color): 48-		
	bit input, 24-bit output Scanner Bit Depth		
	(Grayscale): 16-bit input, 8-bit Scanner		
	Bit Depth (Black & White): 16-bit input, 1-		
	bit output Max Document Size: 216 x		
	1,117mm Output File Formats: JPEG,		
	TIFF, Multi-TIFF, PDF, Searchable PDF,		
	BMP, PNG. Document Capture Pro (Win):		
	JPEG, BMP, PDF, Searchable PDF, TIFF,		
	Multi-TIFF, PNG, DOCX, XLSX, PPTX.		
	Standard: USB 3.0 Dimensions (WxDxH):		
	288x88.5x51 mm Weight: 1.1kg. Options:		
	Pickup Roller (100,000 scans) –		
	B12B819251. Separation Pad (10,000 scans)		
	- B12B819271.		
		T.T. 1.	-
33	External Hard Drive – 1TB, 2.5inches	Unit	5
33	External Hard Drive – 1TB, 2.5inches external USB hard drive, USB 3.0 and USB	Unit	5
33		Unit	5
33	external USB hard drive, USB 3.0 and USB 2.0-connectivity plug-and-play	Unit	5
33	external USB hard drive, USB 3.0 and USB 2.0-connectivity plug-and-play functionality, Black, 4.5x3x0.5 inches	Unit	5
33	external USB hard drive, USB 3.0 and USB 2.0-connectivity plug-and-play	Unit	5

34	Ink Tank System Printer (All-in-one	Unit	2
	Printer) – Copy/Print/Color Scan/		
	Network Ready. Key Features: Heavy		
	Duty Multi-Functional Printer,		
	Monochrome, Colored Scanner, Laser		
	Print Technology, 31 pages per Minute		
	A4, Paper Capacity: Std 350 max 1,850.		
	(1)250 + (2)500 Sheet Tray + 100 Sheet		
	Bypass, Max paper size A3 Min A6		
	Memory(mb): std 64 Max 256Gb, 600x600		
	DPI print resolution 25%-400% Zoom		
	Range, Built-in Duplex, USB 2.0, Network		
	Ready, 100 sheets (Auto: Document		
	Feeder), Toner 50%, Table, Free Delivery,		
	3 Months Warranty – Replacement Parts.		
35	24-port Gigabit Switch – 24 10/100/1000	Unit	3
33		Offit	3
	Gigabit ports, IEEE 802.3 10BASE-T, IEEE		
	802.3u, IEEE 802.3ab, IEEE 802.1p QoS,		
	IEEE 802.3x Flow Control supported for		
	Full Duplex, Auto-Negotiation, IEEE		
	802.3az Energy Efficiency Ethernet,		
	Dimension: 280mm x 180mm x 44mm,		
	100-240V AC, 50/60Hz internal Universal		
	Power, Max Power Consumption: 26.7		
	watts.		
36	Desktop Computer – Intel Core-i7-8400,	Unit	3
	8GB RAM. 1TB: HDD 2gb, Graphics,		
	Built-in, DVD-RW, 21.5 inches Monitor		
	Windows 10 Pro 64bit, Keyboard &		
	Mouse same brand MS Office 2019.		
37	Color Continuous Printer – All-in-one	Unit	2
	Functions Print, Scan, Copy Power Supply		
	220V, 240V, Width 4x70ml individual ink		
	bottles (Bk, C, Y, M) + 1 extra black ink		
	bottle, Main Unit, Power Cable, Setup		
	Guide, Software (CD), Warranty		
	document Color Black.		
38	LAPTOP 2IN1 CONVERTIBLE –	Unit	1
- ~	Processor: Intel Core i5-8265U Processor	-	
	(6M Cache, up to 3.90 GHz), Memory:		
	4GB DDR4-2400SDRAM (1x4GB), Storage:		
	1TB 5400RPM SATA HDD, Optical Drive:		
	NO ODD, Operating System: Windows 10		
	Battery: 3Cell, Display: 14inches diagonal		
	FHD IPS micro-edge WLED-backlit multi-		
	© .		
	touch edge to edge (1920x1080), Graphics:		
	(2GB DDR5 dedicated graphics),		
	Connectivity: WLAN 802.11bgn/ac Wi-Fi		
	with BT, Card Reader: 1 multi format SD		
	Media Reader, Audio: B&O Play dual		
	Speakers.		
39	LASERJET PRINTER – Print: Prints 45	Unit	2
	Pages per minute (ppm) on letter and 43		
	ppm on A4+size paper: Paper handling		
	Tray 1 (100-sheet capacity), Tray 2 (550-		
	sheet capacity), Connectivity: 10/100/1000		
	Ethernet LAN connection with IPv4 and		
	IPv6, Hi-Speed USB 2.0, Memory: 512 MB		
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	11 10 100		1
	base memory Mass storage 4 GB		
	embedded Multi-Media Controller		
	(eMMC), Control-panel display and input:		
	4-line graphical display with 10-key		
	keypad.		
40	ALL-IN-ONE DESKTOP COMPUTER –	Unit	8
	Including UPS (650 va, 230v, avr, universal		
	sockets), Processor: Intel Core i5 8400T,		
	Operating System: Windows 10 Pro,		
	Graphics: 4GB, Memory: 8gb ddr5-1600 mhz		
	(2 X dim slots), Hard Drive: 1TB 7200 RPM,		
	Connectors: 2x USB 3.0; 4x USB 2.0; 3-in-one		
	card reader; LAN; mic; headphone, Sound:		
	Stereo speakers, Communication: Wi-Fi		
	802.11 b/g/n, Optical Drive: DVD RAMBO		
	reader/writer, Display: 24-inches LED		
	backlit LCD (1920 x 1080) 5-point		
	touchscreen, Weight: 17.66 lbs, Dimension:		
	22.6inches x 2.2 inches x 17.8inches Latest		
	MS Office 2016 Pro with key recovery, Note:		
	Monitor, keyboard and mouse brand must		
	be the same, Warranty: 3 years on parts and		
	service.		
41	Desktop Computer – i7 6700, Processor: Intel	Unit	2
1.1	Core i7-6700, Memory: 16GB DDR3L 1600	OTH	_
	MHz UDIMM Dual Channel, Hard Drive: 1TB		
	3.5-inches 7200 RPM, Graphics: 4GB DDR3		
	(supporting DVI, HDMI), Windows 10 with		
	23inches, Optical Mouse, USB Keyboard same		
	brand MS Office 2019.		
42	Printer - Printer Method-On demand ink jet	Unit	4
	(piezoelectric) Nozzle Configuration = 180		
	nozzle black, 59 nozzles, each color (Cyan,		
	Magenta, Yellow) Maximum		
	Resolution=720x720 (with variable-sized		
	Droplet Technology)		
	Minimum Ink Droplet Volume=3pl ISO		
	Default Simplex-ISO 24734 Black-8.5imp.		

	I haraby cartify to comply and daliver of	11 (1 1	•

I hereby certify to comply and deliver all the above requirements.

Name:
Legal Capacity:
Signature:
Duly authorized to sign the Bid for and behalf of:

CGSD-21-OE-862

 $Schedule\ of\ Requirements\ Page\ 8\ of\ 8$

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "or at least equivalent." References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

Technical Specifications

PROJECT NAME: PROCUREMENT OF DESKTOP COMPUTER AND OTHERS PROJECT NO. CGSD-21-OE-862

Item	Specification	Statement of Compliance
		[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]
	With the following minimum Specifications	laws and issuances. J
A.1	Desktop Computer – i5 11 th gen. or its equivalent	
	benchmark processor, 21.5 inch (diagonal) LED backlit display with IPS technology; 1920 by 1080 resolution with support for millions of colors, with 6MB L3 cache, 8GB (two 4GB) of 1600Mhz DDRE memory; 802.11ac Wi-Fi wireless networking; IEEE 802.11a/b/g/n compatible; Bluetooth 4.0 wireless technology 2 pcs. 1TB SSD 1 Keyboard (wireless) same brand 1 Mouse (wireless) same brand Windows 11 Pro Office Application: MS 2019 Anti-Virus: Internet Security 2021 UPS: Output power capacity 360 watts/650VA output connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5-15P cord length 1.2 meter.	
2	Barcode Reader (Scanner) – Durable, Single-Board Construction; Scratch Resistant Tempered Glass; Accurate First Time Capture of 1D Barcodes; Wide Working Range up to 17 inches; Plug and Play with Universal Cable; Advanced Data Formatting, For Proper tracing and inventory of supplies.	
3	Barcode Printer – Max Print Width: 4.09 inches; Max Print Speed: 4 inches per second; Printing Method: Thermal Transfer; Resolution: 300 dpi, Must be	

	Compatible with item #2 (Barcode Reader)	
4	Monitor LED – Black, – 21.5 inches Full HD, Max.	
	Resolution 1920x1080, Input signal VGA, DVI,	
	Aspect ratio 16:9.	
5	Printer- Ink Tank system – Ink Tank system	
	maximum resolution: 720dpi Nozzle configuration:	
	180 nozzles black 59 nozzles cyan magenta yellow	
	Printer on demand ink jet bi-directional printing, un-	
	directional printing.	
6	Printer Multifunction Inkjet Colored – Multi-	
	function, capable for copy, print, duplex printing,	
	scan and fax. Wireless network ready, color printing	
	(MFC), A3 print capability, print speed up to 35ppm	
	(mono) and 27ppm (colored), laser comparable.	
7	Printer – Printer Method-On demand ink jet	
	(piezoelectric) Nozzle Configuration = 180 nozzle	
	black, 59 nozzles, each color (Cyan, Magenta, Yellow)	
	Maximum Resolution=720x720 (with Variable-sized	
	Droplet Technology) Maximum Ink Droplet Volume=	
	3pl ISO Default Simplex- ISO 24734 print speed,	
	Black=10.5imp Colored=4.5imp	
8	Printer – 3-in-1 Monochrome laser multi-function	
	centre with automatic function: Print, Scan, Copy	
	Print speed: up to 30ppm 2-sided printing and	
	Wireless Networking. Resolution 600 x 600 dpi	
9	HQ1200 (2400 X 600 dpi) quality 1200 x 1200 dpi Desktop Computer i5 11 th gen or its equivalent	
9	benchmark processor; (6m Cache) Operating System:	
	Windows 11 C6:C8 DDR4-1600MHz (2 x DIMM	
	slots)	
	Drive: 1TB 7200 RPM; Connectors: 2x USB 2.0, 6 IN 1	
	card reader, LAN, Mic, Headphone: Sound: Stereo	
	Speakers; Communications: Wi-Fi 802.11 b/g/n;	
	Optical Drive: DVD RAMBO reader/ writer; display:	
	23-inches LED Backlit LCD (1920x1080) 5-point	
	touchscreen:	
	Office Application: MS 2019	
	Anti-Virus: Internet Security 2021	
	UPS: Output power capacity 360 watts/650VA output	
	connections (4) NEMA 5-15r (Battery Backup)	
	Nominal Output Voltage 230V nominal input voltage	
	230V input connections NEMA 5-15P cord length 1.2	
1.0	meter.	
10	Desktop Computer i7 – 11 th Generation Intel or its	
	equivalent benchmark processor / 16GB / 1TB GB	
	7200 + 128GB SSD / Windows 11 Pro, Keyboard and	
	Mouse Same Brand	
	Office Application: MS 2019	
	Anti-Virus: Internet Security 2021	
	UPS: Output power capacity 360 watts/650VA output connections (4) NEMA 5-15r (Battery Backup)	
	Nominal Output Voltage 230V nominal input voltage	
	230V input connections NEMA 5-15P cord length 1.2	
	meter	
11	Desktop Computer - i7 – 11 th Generation Intel or its	
11	equivalent benchmark processor, Memory: 16GB	
	DDR3L 1600 MHz UDIMM Dual Channel	
	Hard Drive: 1TB 3.5-inches 7200 RPM	

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	 Graphics: NVIDIA GeForce GTX745 4GB DDR5 (supporting DVI, HDMI) only. Windows 10 Pro with 23inches monitor 	
	Keyboard and Mouse Same Brand, Office Application: MS 2019	
	Anti-Virus: Internet Security 2021	
	UPS: Output power capacity 360 watts/650VA output	
	connections (4) NEMA 5-15r (Battery Backup) Nominal Output Voltage 230V nominal input voltage	
	230V input connections NEMA 5-15P cord length 1.2	
	meter.	
12	External Hard Drive 1TB – 1TB, 2.5 inches HDD,	
	USB 3.0, backward compatible with USB 2.0, 5400 rpm with dual color LED light to indicate USB	
	3.0/USB 2.0 transmission, USB powered, System	
	Requirements: USB 3.0: Windows	
	XP/Vista/7/MacOSx10.4 or above, with USB 3.0 cable	
12	and product guide.	
13	External Hard Drive-2TB – 2TB, 2.5 inches HDD, USB 3.0, backward compatible with USB 2.0,	
	5400RPM, with dual color LED light to indicate USB	
	3.0/USB 2.0 transmission, USB powered, Windows	
	XP, Vista/7/8; MacOSx10.4 or above, with USB 3.0	
1.4	cable and product guide.	
14	External Hard Drive-3TB – Black- 3TB basics 5400 rpm USB 3.0 External Hard Drive provides 3TB of	
	digital storage dimensions 4.7 x 3.1 x 0.8inch / 119.4 x	
	78.7 x 20.3 mm weight 8.1 oz. / 229.6g or its	
	equivalent.	
15	CPU – i5-11 th Gen. 2.90GHz Processor Ram (2x 8GB)	
	16GB DDR4 2400/2666Mhz Memory SSD 120GB SSD 2.5 inches SATA HDD 1TB SATA 7200rpm HDD	
	Mobo B360M Gaming Plus Motherboard 4G 128Bi	
	RGB Casing Psu Tru Rated 500watts PSU 80+ Chassis	
	Fan (2) Aurora Cooling Fan 12CM RGB Keyboard	
	Mechanical Keyboard with LED Wired Mouse, Red	
	AVR Eco Power 500W Office Application: MS 2019	
	Anti-Virus: Internet Security 2021	
	UPS: Output power capacity 360 watts/650VA output	
	connections (4) NEMA 5-15r (Battery Backup)	
	Nominal Output Voltage 230V nominal input voltage 230V input connections NEMA 5-15P cord length 1.2	
	meter.	
16	Projector Multimedia – 4500 ansi lumens 3D	
	Capable – 4,500 ansi lumens, Mode 3D Compatibility,	
	Resolution: VGA UXGA (1600x1200), HDMI, HD	
	(1920x1080), Display Tech: Single 0.55 inch XGA DC3, DMD Chip.	
17	Network Switch-24ports – 24 Ports 10/100/1000	
	Mbps with 2 SFP slots, (for fiber optic Trans receiver)	
	stackable manage, 24 RJ-45 plus 2 SFP slots	
10	For LAN connection for different computers.	
18	Wi-Fi Router 4 Ports – 4 port, Wi-Fi router Wi-Fi Speed: 5 GHz: 1201 Mbps (802.11ax)	
	2.4GHz: 300 Mbps 802.11n	
	Wi-Fi Range: 4x Fixed High Performance Antennas	
	Wi-Fi Capacity: Dual-Band	

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	Working Modes: Router Mode	
	Access Point Mode	
	Processor: 1.5 GHz Triple-Core CPU	
	Ethernet Ports: 1x Gigabit LAN Ports	
	Buttons: WPS/Wi-Fi Button	
	Power On/Off Button	
	LED on/off Button	
	Reset Button	
19	LAPTOP COMPUTER I7 – 8 TH GEN INTEL CORE	
	1.80 GHz Processor (8M Cache up to 4.00 GHz) /8GB	
	/ 2TB AMD Radeon 530 Graphics with 4G GDDR5 /	
	15.6-inches FHD (1920x1080) Anti-Glare LED Backlit	
	Display / Windows 10	
20	COMPUTER DESKTOP (ALL-IN-ONE) – Processor	
20	: Intel Core i7 2.40 Ghz Processor (12M Cache, up to	
	`	
	4.00 GHz), Memory: 8GB DDR4- 2400 sdram (1x8	
	GB), Storage: 1 TB 7200 rpm SATA, Optical Drive:	
	DVD writer ODD, Operating System: Windows 10,	
	Display: 23.8 diagonal FHD IPS ZBD (1920x1080),	
	Touch, Graphics: AMD Radeon 530 Graphics (2 GB	
	GDDR5 dedicated), Power: 150W external AC power	
	adapter, accessories : Wireless keyboard same brand	
	with volume control & optical mouse Nano-dongle	
	kit, Connectivity: 802.11ac (2x2) WLAN & Bluetooth	
	4.2 Card, Card Reader: 3-in-1 Medical Card Reader,	
	Audio: B&O Play, Color: Blizzard White	
	Office Application: MS 2019	
	Anti-Virus: Internet Security 2021	
	UPS: Output power capacity 360 watts/650VA output	
	connections (4) NEMA 5-15r (Battery Backup)	
	Nominal Output Voltage 230V nominal input voltage	
	230V input connections NEMA 5-15P cord length 1.2	
	meter.	
21	PORTABLE SSD 2.5 inches – Seagate STC1000400	
21	1TB Fast SSD 2.5 Inches USB 3.1 Type C Portable	
	External Drive.	
22	UPS BX1100LI-MS- Back UPS – BX110LI-MS APC	
	Back UPS 550 watts/1100VA 230V, AVR, Universal	
	and IEC Sockets	
23	DOCUMENT FAST SCANNER – Ultra Fast: 65	
	ppm/130 ipm scan speeds; Color and duplex, Scans	
	both sides in just one press, Robust: 6000 sheets daily	
	duty cycle and 80 sheets Automatic Document	
	Feeder (ADF), Document Sizes: Paper size Minimum:	
	2inches x 2inches Paper size Maximum: 8.5inches x	
	-	
	120inches, Consumables: Roller assembly kit 200,000	
2.1	cycles.	
24	WIRELESS PRINTER – Compact integrated tank	
	design/print speeds up to 15ipm for black and 8.0ipm	
	for color/ Auto-duplex printing FAX and ADF	
	capability/Ethernet & Wi-Fi Direct/ Borderless	
	Printing up to A4 size / Spill-free ink refilling.	
25	Printer Multifunction Colored-A3 Format – A3	
	Colored A3 Scanner Copier Fax with Continuous Ink	
	System, print, copy, scan and fax up to 11" x 17"	
	(ledger size) Built-in Wireless Color LCD display	
	with speeds up to 35 ppm black and 27 ppm color	
26	DESKTOP COMPUTER – I5 Processor: Intel Core i5	

	latest generation; memory 8GB or higher; Hard	
	Drive: 1TB 3.5 SATA 1GB LAM; Video Card 2 GB	
	DDR5; MS Windows 10 Pro, 64bit with same brand,	
	USB Mouse and Keyboard; same brand, monitor 19	
	inches LED; with 1KVA 650W	
	Office Application: MS 2019	
	Anti-Virus: Internet Security 2021	
	UPS: Output power capacity 360 watts/650VA output	
	connections (4) NEMA 5-15r (Battery Backup)	
	Nominal Output Voltage 230V nominal input voltage	
	230V input connections NEMA 5-15P cord length 1.2	
	meter.	
27	Webcam HD – 4X Zoom 1080p Streaming	
21	Widescreen Video Camera – built in 2 Omni-	
	Directional Mics for Recording, for	
	Computer Desktop and Laptop – Certified for	
	Business.	
20		
28	All-in-One Ink Tank Printer – Automatic duplex/	
	print speed up to print speed up to 32ppm/ 20ppm/	
	fax and ADF capability/ Ethernet & Wi-Fi direct,	
	print method: precision core print head, maximum	
	print resolution: 4,800 x 1,200 dpi, minimum ink	
	droplet volume 2.8pi, printer language: ESC/P-R,	
	automatic duplex printing: yes, up to A3 size, control	
	panel: 4.3inches TFT color LCD, copy resolution: 600	
	x 600 dpi, max copies: 999 copies reduction/	
	enlargement: 25-400%, auto fit function, maximum	
	copy size: A3.	
29	Monitor LED-21.5 inches – Black, 21.5 inches Full	
	HD, Max. Resolution 1920x1080, input signal VGA,	
	DVI, Aspect ratio 16:9, Brightness 250cd/m², Pixel	
20	Pitch 0.247mm.	
30	Printer-Ink Tank system – Ink Tank System	
	maximum resolution:720dpi Nozzle configuration:	
	180 nozzles black 59 nozzles cyan magenta yellow	
	weight: 2.4kgs, Print Speed: Up to 8.5 ipm/4.5 ipm	
	(Black/Colored), 50 sheets/tray, maximum paper size:	
2.1	8.5x44 inches.	
31	UPS –650VA. Output power capacity: 325 Watts/650	
	VA. Max Configuration Power: 325 Watts/650 VA.	
	Nominal Output Voltage: 230V. Output Frequency:	
	50/60Hz +/-1 Hz. Topology: Line Interactive.	
	Waveform type: Stepped Approximation to a	
	sinewave. Transfer Time: 4ms typical: 6ms max.	
	Nominal Input Voltage: 230V. Input Frequency: 50/60	
	Hz +/-3. Input Connection: NEMA 5-15P. Cord	
	Length: 1.22meters. input voltage range for main	
	operation: 180-270V Numbers of cords: 1. Type of	
	input Protection required: gl. Fuse. Max input	
	Current: 5.0A. Input Power Factor at Full Load.	
32	Scanner – Scanner Type: A4 sheet-fed, simplex	
	colour scanner Sensor Type: CIS Light Source: RGB	
	LED Optical Resolution: 600x600 dpi Output	
	Resolution: 50 – 1,200 dpi (in 1 dpi increments)	
	Scanner Bit Depth (Color): 48-bit input, 24-bit output	
	Scanner Bit Depth (Grayscale): 16-bit input, 8-bit	
	Scanner	
	Bit Depth (Black & White): 16-bit input, 1-bit output	

Max Document Size: 216 s.1,117mm Output Füe Formats; IPEG, TIFE, Multi-TIFE, PiC, Searchable PDE, BMP, PDF, Searchable PDF, TIFE, Multi-TIFE, PiC, PDG, BMP, PDF, Searchable PDF, TIFE, Multi-TIFE, PiC, DOCX, XLSX, PP1X. Standard: USB 3.0 Dimensions (WaDAH); 288x885.531 mm Weight: 1.1kg, Options Pickup, Roller (100,000 scans) – B128819251. Separation Pad (10,000 scans) – B128819251. Separation Pad (10,000 scans) – B128819271. External Hard Drive – 1TB. 2. Sinches external USB hard drive, USB 30 and USB 2.0-connectivity plug- and-play functionality, Black, 4,50:80.5 inches (14cmx13cmx5cm), 5.6 ounces, USB powered 1TB. Ink Tank System Pinter (All-in-one Printer) – Copy/Print/Color Scan/ Network Ready. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute A4, Paper Capacity; Sid 330 max 1,850, (1)250 + (2)500 Sheet Tray + 100 Sheet Bysas, Max paper size A3 Min A6 Memory(mb); std 64 Max 256G3, 600x600 DPI print resolution 25%-400%. Zeoon Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auton Document Feeder), Toner 30%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, LEEE 802.3 10BASE-1, LEEE 802.3a, LEEE 802.3as, LIEEE, 802.1 post, LEEE 802.3as, See 802.3as, LIEEE, See Lower, Max Power Consumption: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz Internal Universal Power, Max Power Consumption: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 280m x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 280m x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 280m x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 280m x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consu			
PDF, BMP, PDF, Searchable PDF, TIFF, Multi-THEF, PNG, DOCX, XLSX, PPTX. Standard: USB 3.0 Dimensions (WND-M1; 288-88)-5x31 mm Weight: 1.11sg, Options Pickup, Roller (100,000 scans) – B128519251, Separation Pad (10,000 scans) – B128519251, Separation Pad (10,000 scans) – B128519251. Separation Pad (10,000 scans) – Copy. Pad (10,000 scans)		Max Document Size: 216 x 1,117mm Output File	
PPEC, BMP, PDF, Scarchable PDF, TIFE, Multi-TIFF, PNG, DOCX, MISA, PPTA, Standard USB 3.0		Formats: JPEG, TIFF, Multi-TIFF, PDF, Searchable	
PNG, DOCK, M.S.Y., PTTK. Standard: USB 3.0 Dimensions (WwDxHr): 288x88.5x51 mm Weight: 1.11kg. Options: Pickup Roller (100,000 scans) — B12B819271. 33 External Hard Drive — 1118. 2.5inches external USB hard drive, USB 3.0 and USB 2.0-connectivity plug- and-play functionality, Black, 4.3x3x0.5 inches (14cmx13cmx5cm). 5.6 ounces, USB powered 1TB. 34 Ink Tank System Printer (All-in-one Printer) — Copy/Print/Color Scan/ Network Roady. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute A4, Paper Capacity: Std 350 max 1,850. (1)250+ (2)500 Sheet Tray+100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 256Cb, 500x600 DPI print resolution 25%-400%. Zoom Range, Built-in Duples, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch — 24 10/100/1000 Gigabit ports, IEEE 802.3 IndexSe-Tr, IEEE 802.3a, IEEE 802.3ab, IEEE 802.1p Oc5, IEEE 802.3a, IEEE 802.3ab; IEEE 802.1p Oc6, IEEE 802.3a, IEEE 802.3ab; Teer Briting Prover, Max Power Consumption: 2.80mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 2.6.7 watts. 36 Destrop Computer – Intel Core-17-8400, 8CB RAM, 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019, 37 Color Continuous Printer – All-in-one Functions Print, Scan, Coopy Power Supply 200V, 240V, width 4x/Outl individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2INI CONVERTIBLE —Processor: Intel Core i5-8265U Processor (6M Cache, up to 3-90 CHz), Memory-3-CB DDRAS document Color Gontinuous Printer and 3-p pm in internal Color Black. 38 LAPTOP 2INI CONVERTIBLE —Processor: Intel Core i5-8265U Processor (6M Cache, up to 3-90 CHz), Memory-3-CB DDRAS document Gont Printer and Sporter Gont Printer and Sporter G		PDF, BMP, PNG. Document Capture Pro (Win):	
PNG, DOCK, M.S.Y., PTTK. Standard: USB 3.0 Dimensions (WwDxHr): 288x88.5x51 mm Weight: 1.11kg. Options: Pickup Roller (100,000 scans) — B12B819271. 33 External Hard Drive — 1118. 2.5inches external USB hard drive, USB 3.0 and USB 2.0-connectivity plug- and-play functionality, Black, 4.3x3x0.5 inches (14cmx13cmx5cm). 5.6 ounces, USB powered 1TB. 34 Ink Tank System Printer (All-in-one Printer) — Copy/Print/Color Scan/ Network Roady. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute A4, Paper Capacity: Std 350 max 1,850. (1)250+ (2)500 Sheet Tray+100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 256Cb, 500x600 DPI print resolution 25%-400%. Zoom Range, Built-in Duples, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch — 24 10/100/1000 Gigabit ports, IEEE 802.3 IndexSe-Tr, IEEE 802.3a, IEEE 802.3ab, IEEE 802.1p Oc5, IEEE 802.3a, IEEE 802.3ab; IEEE 802.1p Oc6, IEEE 802.3a, IEEE 802.3ab; Teer Briting Prover, Max Power Consumption: 2.80mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 2.6.7 watts. 36 Destrop Computer – Intel Core-17-8400, 8CB RAM, 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019, 37 Color Continuous Printer – All-in-one Functions Print, Scan, Coopy Power Supply 200V, 240V, width 4x/Outl individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2INI CONVERTIBLE —Processor: Intel Core i5-8265U Processor (6M Cache, up to 3-90 CHz), Memory-3-CB DDRAS document Color Gontinuous Printer and 3-p pm in internal Color Black. 38 LAPTOP 2INI CONVERTIBLE —Processor: Intel Core i5-8265U Processor (6M Cache, up to 3-90 CHz), Memory-3-CB DDRAS document Gont Printer and Sporter Gont Printer and Sporter G		IPEG, BMP, PDF, Searchable PDF, TIFF, Multi-TIFF,	
Dimensions (WxDxH); 288x88.5x51 mm Weight: 1.1kg, Options: Pickup Roller (100,000 scans) — B128819271. 33 External Hard Drive — T1B, 2.5inches external USB hard drive, USB 3.0 and USB 2.0-connectivity plug-and-play functionality, Black, 4.5x3x0.5 inches (14cmx13cmx5cm), 5.6 ounces, USB powered T1B. 34 Ink Tank System Printer (All-in-one Printer) — Copy/Print/Color Scan Network Ready. Key Features: Heavy Duty Multi-Functional Printer) — Copy/Print/Color Scan Network Ready. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Tochnology, 31 pages per Minute A4, Paper Capacity: Std 350 max 1,850, (1)250 + (2)500 Sheet Tray + 100 Sheet Bypas, Max paper size A3 Min A6 Memory (mb): std 64 Max 256Cb, 600x600 DPI print resolution 25%-4009x Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery; 3 Months Waranty - Replacement Parts. 35 24-port Gigabii Switch — 24 10/100/1000 Gigabit ports, IEEE 802.3 tilbabs. Per Belivery, Smiths Waranty - Replacement Parts. 35 24-port Gigabii Gwitch — 24 10/100/1000 Gigabit ports, IEEE 802.3 tilbabs. Per Belivery, Smiths Waranty - Replacement Parts. 36 28-port Gigabii Gwitch — 24 10/100/1000 Gigabit ports, IEEE 802.3 tilbabs. Per Belivery, Smiths Waranty - Replacement Parts. 37 28 28 28 28 28 28 28 28 28 28 28 28 28		1 · · · · · · · · · · · · · · · · · · ·	
1.1kg, Options: Pickup Roller (100,000 scans) — B12B819251. Separation Pad (10,000 scans) — B12B819271. 33 External Hard Drive — 17B, 2.5inches external USB hard drive, USB 3.0 and USB 2.0-connectivity plug-and-play functionality, Black, 4.5x3x0.5 inches (1d-cm/31cm/scm/s), 56 ounces, USB powered 17B. 34 Ink Tank System Printer (All-in-one Printer) — Copy/Print/Color Scan/ Network Ready, Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute 44, Paper Capacity, Std 350 max 1,850, (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 256CB, 600x600 DPI print resolution 25%-400% Zoom Range, Built in Duple, USB 2.0, Network Ready, 100 sheets (Auto: Document Feedor), Toner 50%, Table, Free Delivery, 3 Months Warnanty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3s, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3x, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/66Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Destop Computer – Intel Core-17-8400, 8CB RAM. 17B: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand M5 Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 2007, 240V, width 4x7Uml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Mait Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2INI CONVERTIBLE –Processor: Intel Core i5-8265U Processor (McAche, up to 3-90 CHz), Memory: 4CB DDRAF 2d00SPRAM (GxCB), Storage: 17B 5400EPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3CCIl, Display: Hinches diagonal FHD IPs Brite: Prints 45 Pages per minute (pm) on letter and 43 ppm on A4+size pager: Paper handling Tray 1 (100-sheet capacity),			
B12B819271. Separation Pad (10,000 scans) — B12B819271. 33 External Hard Drive – 1TB, 2.5inches external USB hard drive, USB 3.0 and USB 2.0-connectivity plug-and-play functionality, Black, 4.53x0.5 inches (14cmx13cmx5cm), 5.6 ounces, USB powered TTB. 14 Ink Tank System Printer (All-in-one Printer) — Copy/Print/Color Scan/ Network Ready, Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute A4, Paper Capacity: Sid 350 max 1,850. (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): sid 64 Max 256Cb, 600x600 DPI print resolution 25% 400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty - Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 in JEEE			
B128819271. 33 External Hard Drive – 1TB, 2.5 inches external USB hard drive, USB 3.0 and USB 2.0-connectivity plugand-play functionality, Black, 4.5x3x0.5 inches (14cmx1acmx5cm), 5.6 ounces, USB powered ITB. 34 Ink Tank System Printer (All-in-one Printer) – Copy/Print/Color Scar/ Network Ready. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute A, Paper Capacity: Std 350 max 1.850. (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mlb): std 64 Max 256Gb, 600x600 DPI print resolution 25%-400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 bit, IEEE 802.3 knite. 24 10/100/1000 Gigabit ports, IEEE 802.2 a 108ASE-T, IEEE 802.3 kn IEEE 802.3 bit, IEEE 802.3 kn IEEE 802.3 knite. 2 100 Livery Supported for Full Duplex, Auto-Negotiation, IEEE 802.3 kn IEEE 802.3 Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240 X C, 50/80Hz internal Universal Power, Max Power Consumption: 2.6.7 watts. 36 Desktop Computer – Intel Core-i7-8400, SGB RAM. 17B: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottlee (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LATTOP 21NI CONVERTIBLE – Processor: Intel Core i5-826SU Processor (Mc Cache, up to 3.90 CH2), Memory: 4GB DDR4-2400SDRAM (1x4GB), Storage: 1TB 5400RPM SATA HDD, Optical Drives: NO ODD, Operating Systems Windows 10 Battery: SCell, Display: 14inches diagonal HD IPS micro-edge WLED-backlit multi-louch edge to edge (1920x1080), Graphics: (2GB DDR8 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi wi			
External Hard Drive – 1TB, 2.5inches external USB hard drive, USB 3.0 and USB 2.0-connectivity plug-and-play functionality, Black, 4.55.30.5 inches (14cmx13cmx5cm), 5.6 cunces, USB powered 1TB. Ink Tank System Printer (All-in-one Printer) – Copy/Print/Color Scan/ Network Ready. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute A4, Paper Capacity, Std 35d max 1,850, (1250+(2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mib): std 64 Max 256Cb, 600x600 DPI print resolution 25%-400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.33 10BASE-T, IEEE 802.3u, IEEE 802.3a; IEEE 802.3a; EEE 802.		*	
hard drive, USB 3.0 and USB 2.0-connectivity plug- and-play functionality, Black, 4.5x3x0.5 inches (14cmx13cmx5cm), 5.6 ounces, USB powered TTB. Ink Tank System Frinter (All-in-one Printer) - Copy/Print/Color Scan/ Network Ready. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute AJ, Paper Capacity: 5td 350 max 1.850. (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(ml): std 64 Max 256Cb, 600x600 DPl print resolution 25%-400% Zoom Range, Buill-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty - Replacement Parts. 35 24-port Gigabit Switch - 24 10/100/1000 Gigabit ports, IEEE 802 3 10BASE-T, IEEE 802 3u, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Puplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control 250mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption 26.7 watts. 36 Desktop Computer – Intel Core-I7-8400, 8GB RAM. 1TB: HDD 2gb, Craphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color	22		
and-play functionality, Black, 45x3x0.5 inches (14cmxl3cmx5cm), 5.6 ounces, USB powered TB. Ink Tank System Printer (All-in-one Printer) — Copy/Print/Color Scan/ Network Ready, Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute A4, Paper Capacity: Sdd 350 max 1,850, (1250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 25cGb, 600x600 DPI print resolution 25%-400% Zoorn Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Autro Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1 Degs, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1 EEE 802.5 In EEE 802.5u, IEEE 802.3ab, IEEE 802.1 pogs, IEEE 802.5u, IEEE 802.3ab, IEEE 802.1 pogs, IEEE 802.5u, IEEE 802.3ab, IEEE 802.f IEEE 802.5u, IEEE 802.3ab, IEEE 802.f IEEE 802.f IEEE 802.5u, IEEE 802.5ab, IEEE 802.f IEEE 802.5u, IEEE 802.5ab, IEEE 802.f IEEE 802.5u, IEEE 802.5ab, IEEE 802.f IEEE 802.f IEEE 802.5u, IEEE 802.5ab, IEEE 802.f IEEE 802.f IEEE 802.5u, IEEE 802.5ab, IEEE 802.f IEEE 802.f IEEE 802.5u, IEEE 80	33		
(14cmx15cmx5cm), 5.6 ounces, USB powered 1TB. Ink Tank System Printer (All-in-one Printer) – CopyPrint/Color Scan/ Network Ready. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute A4, Paper Capacity: Sid 350 max 1,850. (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 256Gb, 600x600 DPI print resolution 25%-400% Zoom Range, Builti-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Frec Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3u, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-i7-8400, 8GB RAM. 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x/Oml individual ink bottles (Bk, C, Y, M) +1 extra black ink bottle, Main Unit, Power Cable, Setup Giude, Software (CD), Warranty document Color Black. 38 LAPTOP 2INI CONVERTIBLE –Processor: Intel Core i5-8265U Processor (6M Cache, up to 3-90 CHz), Memory: 4GB DDR4-2400SDRAM (1x4GB), Storage: 1TB 5400RFM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD 1PS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format 5D Media Reader, Audio: B&O Play dual Speakers. 39 LASERJET PRINTER – Print: Prints 45 Pages per minute (ppm) on letter and 43 ppm on A4+size paper: Paper handling Tray 1 (100-sheet capacity),		7.0	
Ink Tank System Printer (All-in-one Printer) Copy/Print/Color Scan/ Network Ready. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute Al, Paper Capacity: Std 350 max 1,850. (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 2566, 600x600 DPI print resolution 25%-400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.7 p Qo.5, IEEE 802.3a J. IEEE 802.3ab, IEEE 802.7 p Qo.5, IEEB 802.3a Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mx x 180mx x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-i7-8400, 8GB RAM. 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2INI CONVERTIBLE – Processor: Intel Core 15-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4GB DDRa-2400SDRAM (1x4GB), Storage: 1TB 5400RPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD IPS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format 5D Media Reader, Audio: B&O Play dual Speakers.			
Copy/Print/Color Scan/ Network Ready. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute A4, Paper Capacity: Std 350 max 1,850. (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 256Gb, 600x600 DPI print resolution 25%-400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty - Replacement Parts. 35 24-port Gigabit Switch - 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3 v, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3 x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3 x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer - Intel Core-i2-8400, 8GB RAM, 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand M5 Office 2019. 37 Color Continuous Printer - All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2INI CONVERTIBLE - Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4GB DDR4-2400SDRAM (1x4GB), Storage: 1TB 5400RPM 5ATA HDD, Optical Drive NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 1 alinches diagonal FHD IPS micro-edge WILED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format 5D Media Reader, Audio: B&O Play dual Speakers.		(14cmx13cmx5cm), 5.6 ounces, USB powered 1TB.	
Copy/Print/Color Scan/ Network Ready. Key Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute AA, Paper Capacity: Std 350 max 1,850. (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 256Gb, 600x600 DPI print resolution 25% 4090% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty - Replacement Parts. 35 24-port Gigabit Switch - 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3x, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer - Intel Core-i7-8400, 8GB RAM. 17B: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer - All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAFTOP 2INI CONVERTIBLE – Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4GB DDR4-24005DRAM (1x4GB), Storage: 17B 5400RPM 5ATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD II'S micro-edge WILED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format 5D Media Reader, Audio: B&O Play dual Speakers.	34	Ink Tank System Printer (All-in-one Printer) –	
Features: Heavy Duty Multi-Functional Printer, Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute AJ, Paper Capacity: \$td 350 max 1,550. (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): \$td 64 Max 256Cb, 600x600 DPI print resolution 25%-400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3 10BASE-T, IEEE 802.3x, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3x Flow Control supported for Pull Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-i7-8400, 8CB RAM. 1178: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2INI CONVERTIBLE –Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4CB DDR4-2400SDRAM (1x4CB), Storage: 1178 5400RPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD IPS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Graphics: (2CB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgy/ac Wi-Fi with BT, Card Reader: 1 multi format 5D Media Reader, Audio: B&O Play dual Speakers. 39 LASERJET PRINTER – Print: Prints 45 Pages per minute (ppm) on letter and 43 ppm on A4+size paper: Paper handling Tray 1 (100-sheet capacity),			
Monochrome, Colored Scanner, Laser Print Technology, 31 pages per Minute A4, Paper Capacity: Std 350 max 1,850, (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 256Gb, 600x600 DPI print resolution 25%-400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab IEEE 802.1 p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab IEEE 802.1 p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab IEEE 802.1 p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab IEEE 802.1 p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3x Flow Comm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-17-8400, 8GB RAM. 17B: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP ZIN1 CONVERTIBLE – Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4CB DDR4-2400SDRAM (1x4GB), Storage: 1TB 3400RPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display:			
Technology, 31 pages per Minute A4, Paper Capacity: Std 350 max 1,850. (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 256Cb, 600x600 DPI print resolution 25%-400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3 u, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3x IDOX Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mx x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 267 watts. 36 Desktop Computer – Intel Core-i7-8400, 8CB RAM. 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2IN1 CONVERTIBLE – Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4CB DBRA-2400SDRAM (134GB), Storage: 1TB 5400RPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD IPS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDRS dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format SD Media Reader, Audio: B&O Play dual 5peakers. 39 LASERJET PRINTER – Print: Prints 45 Pages per minute (ppm) on letter and 43 ppm on A4+size paper: Paper handling Tray 1 (100-sheet capacity),			
Capacity: Std 350 max 1,850. (1)250 + (2)500 Sheet Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 256Gb, 600x600 DPI print resolution 25%-400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-i7-8400, 8GB RAM. 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copp Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2IN1 CONVERTIBLE – Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4GB DDR4-24005DRAM (1x4GB), Storage: 1TB 5400RPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD IPS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Craphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format 5D Media Reader, Audio: B&O Play dual Speakers. 39 LASERJET PRINTER – Print: Prints 45 Pages per minute (ppm) on letter and 43 ppm on A4+size paper: Paper handling Tray 1 (100-sheet capacity),			
Tray + 100 Sheet Bypass, Max paper size A3 Min A6 Memory(mb): std 64 Max 256Cb, 600x600 DPI print resolution 25%-400%. Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az, Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-17-8400, 8GB RAM. 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 21N1 CONVERTIBLE – Processor: Intel Core i5-8265U Processor (6M Cache, up to 3-90 GHz), Memory: 4GB DDR4-2400SDRAM (1x4GB), Storage: 1TB 5400RPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD IPS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11Bgn/ac Wi-Fi with BT, Card Reader: 1 multi format SD Media Reader, Audio: B&O Play dual Speakers. 39 LASERJET PRINTER — Print: Prints 45 Pages per minute (ppm) on letter and 43 ppm on A4+size paper: Paper handling Tray 1 (100-sheet capacity),			
Memory(mb): std 64 Max 256Gb, 600x600 DPI print resolution 25%-400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3au, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-i7-8400, 8GB RAM. 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2IN1 CONVERTIBLE –Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4GB DDR4-2400SDRAM (1x4GB), Storage: 1TB 5400RPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD IPS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format SD Media Reader, Audio: B&O Play dual Speakers. 39 LASERJET PRINTER – Print: Prints 45 Pages per minute (ppm) on letter and 43 ppm on A4+size page: Paper handling Tray 1 (100-sheet capacity),			
resolution 25%-400% Zoom Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1 p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-i7-8400, 8GB RAM. 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 21N1 CONVERTIBLE –Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4GB DDR4-2400SDRAM (Ix4GB), Storage: 1TB 5400RPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD IPS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format SD Media Reader, Audio: B&O Play dual Speakers. 39 LASERJET PRINTER – Print: Prints 45 Pages per minute (ppm) on letter and 43 ppm on A4+size paper: Paper handling Tray 1 (100-sheet capacity),			
Range, Built-in Duplex, USB 2.0, Network Ready, 100 sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3a p. IEEE 802.3a Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3ac Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-i7-8400, 8GB RAM. ITB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x/Oml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2IN1 CONVERTIBLE –Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4GB DDR4-2400SDRAM (1x4GB), Storage: ITB 5400RPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery; 3Cell, Display: 14inches diagonal FHD IPS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format SD Media Reader, Audio: B&O Play dual Speakers. 39 LASERJET PRINTER – Print: Prints 45 Pages per minute (ppm) on letter and 43 ppm on A4+size paper: Paper handling Tray 1 (100-sheet capacity),		_	
sheets (Auto: Document Feeder), Toner 50%, Table, Free Delivery, 3 Months Warranty – Replacement Parts. 35 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 I DBASE-T, IEEE 802.3 u, IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-i7-8400, 8GB RAM. 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand M5 Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2INI CONVERTIBLE –Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4GB DDR4-2400SDRAM (Ix4GB), Storage: 1TB 5400RPM SAT A HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD IPS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format SD Media Reader, Audio: B&O Play dual Speakers. 39 LASERJET PRINTER – Print: Prints 45 Pages per minute (ppm) on letter and 43 ppm on A4+size paper: Paper handling Tray 1 (100-sheet capacity),			
Free Delivery, 3 Months Warranty – Replacement Parts. 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3 10BASE-T, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36			
Parts. 24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36		sheets (Auto: Document Feeder), Toner 50%, Table,	
24-port Gigabit Switch – 24 10/100/1000 Gigabit ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36 Desktop Computer – Intel Core-i7-8400, 8GB RAM. 1TB: HDD 2gb, Graphics, Built-in, DVD-RW, 21.5 inches Monitor Windows 10 Pro 64bit, Keyboard & Mouse same brand MS Office 2019. 37 Color Continuous Printer – All-in-one Functions Print, Scan, Copy Power Supply 220V, 240V, Width 4x70ml individual ink bottles (Bk, C, Y, M) + 1 extra black ink bottle, Main Unit, Power Cable, Setup Guide, Software (CD), Warranty document Color Black. 38 LAPTOP 2IN1 CONVERTIBLE –Processor: Intel Core i5-8265U Processor (6M Cache, up to 3.90 GHz), Memory: 4GB DDR4-2400SDRAM (Ix4GB), Storage: 1TB 5400RPM SATA HDD, Optical Drive: NO ODD, Operating System: Windows 10 Battery: 3Cell, Display: 14inches diagonal FHD IPS micro-edge WLED-backlit multi-touch edge to edge (1920x1080), Graphics: (2GB DDR5 dedicated graphics), Connectivity: WLAN 802.11bgn/ac Wi-Fi with BT, Card Reader: 1 multi format 5D Media Reader, Audio: B&O Play dual Speakers. 39 LASERJET PRINTER – Print: Prints 45 Pages per minute (ppm) on letter and 43 ppm on A4+size paper: Paper handling Tray 1 (100-sheet capacity),		Free Delivery, 3 Months Warranty – Replacement	
ports, IEEE 802.3 10BASE-T, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1p QoS, IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation, IEEE 802.3az Energy Efficiency Ethernet, Dimension: 280mm x 180mm x 44mm, 100-240V AC, 50/60Hz internal Universal Power, Max Power Consumption: 26.7 watts. 36		Parts.	
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paper: Paper handling Tray 1 (100-sheet capacity),	39		
Technical Specifications Page 6 of 7		paper: Paper handling Tray 1 (100-sheet capacity),	
			 Technical Specifications Page 6 of 7

	Tray 2 (550-sheet capacity), Connectivity: 10/100/1000	
	Ethernet LAN connection with IPv4 and IPv6, Hi-	
	Speed USB 2.0, Memory: 512 MB base memory Mass	
	storage 4 GB embedded Multi-Media Controller	
	(eMMC), Control-panel display and input: 4-line	
	graphical display with 10-key keypad.	
40	ALL-IN-ONE DESKTOP COMPUTER – Including	
	UPS (650 va, 230v, avr, universal sockets), Processor:	
	Intel Core i5 8400T, Operating System: Windows 10 Pro,	
	Graphics: 4GB, Memory: 8gb ddr5-1600 mhz (2 X dim	
	slots), Hard Drive: 1TB 7200 RPM, Connectors: 2x USB	
	3.0; 4x USB 2.0; 3-in-one card reader; LAN; mic;	
	headphone, Sound: Stereo speakers, Communication:	
	Wi-Fi 802.11 b/g/n, Optical Drive: DVD RAMBO	
	reader/writer, Display: 24-inches LED backlit LCD (1920	
	x 1080) 5-point touchscreen, Weight: 17.66 lbs,	
	Dimension: 22.6inches x 2.2 inches x 17.8inches Latest	
	MS Office 2016 Pro with key recovery, Note: Monitor,	
	keyboard and mouse brand must be the same,	
	Warranty: 3 years on parts and service.	
41	Desktop Computer – i7 6700, Processor: Intel Core i7-6700,	
	Memory: 16GB DDR3L 1600 MHz UDIMM Dual Channel,	
	Hard Drive: 1TB 3.5-inches 7200 RPM, Graphics: 4GB	
	DDR3 (supporting DVI, HDMI), Windows 10 with	
	23inches, Optical Mouse, USB Keyboard same brand MS	
42	Office 2019. Printer - Printer Method-On demand ink jet (piezoelectric)	
42	Nozzle Configuration = 180 nozzle black, 59 nozzles, each	
	color (Cyan, Magenta, Yellow) Maximum	
	Resolution=720x720 (with variable-sized Droplet	
	Technology)	
	Minimum Ink Droplet Volume=3pl ISO Default Simplex-	
	ISO 24734 Black-8.5imp.	
В.	Compliance to the Schedule of	
	Requirements (Section VI)	

I hereby certify to comply and deliver all the above requirements.

Name:	
Legal Capacity:	
Signature:	
Duly authorized to sign the Bid for and behalf of:	

CGSD-21-OE-862

 $Technical\ Specifications\ Page\ 7\ of\ 7$

Section VIII. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

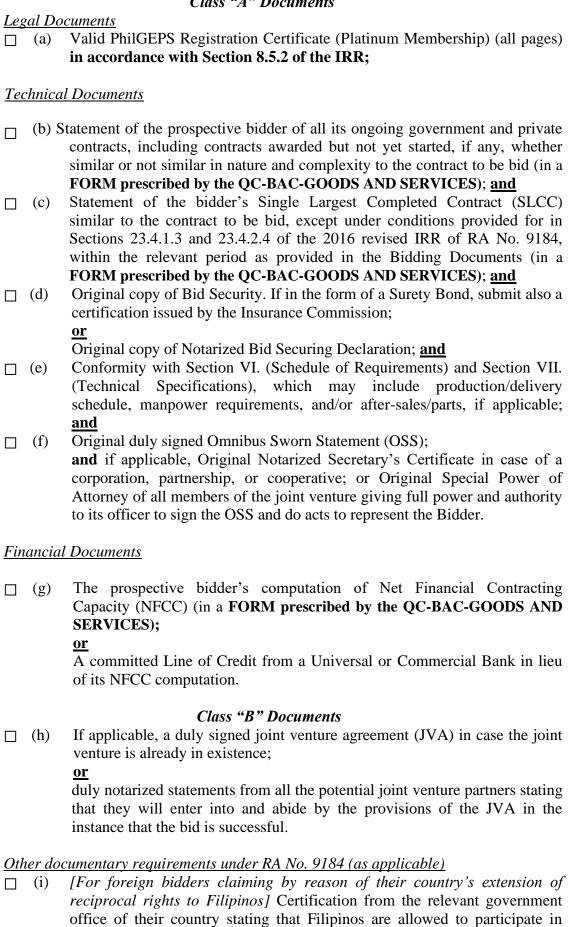
- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary "pass/fail" criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents



government procurement activities for the same item or product.

] (j)	Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.
II.	FIN	ANC	IAL COMPONENT ENVELOPE
		(a)	Original of duly signed and accomplished Financial Bid Form; and
		(b)	Original of duly signed and accomplished Price Schedule(s).
	• I	2F∩I	IIRED DOCUMENTS in RDS SECTION 20 2 and 21 2

- For ALL items except for item no. 40 Statement of Warranty: Minimum of One (1)
- For item no. 40 Statement of Warranty: Minimum of Three (3) Years on parts and service.

Note:

1. Please refer to [

https://drive.google.com/file/d/1uiYurh5WrpBL5B_pqpzAb62yucAblR1p/view?usp=sha <u>ring</u>] for the following requirements:

- a. Computation of NFCC;
- b. List of All Ongoing Contracts/List of Contracts already awarded but not yet
- c. Statement of Single Largest Completed Contract
- 2. Please refer to GPPB Resolution No. 16-2020 for the following requirements:
 - a. Bid Form;
 - b. Price Schedule (for Goods Offered from Abroad/ Within the Philippines)
 - c. Bid Securing Declaration; and
 - d. Omnibus Sworn Statement

