

PHILIPPINE BIDDING DOCUMENTS

Sixth Edition

Procurement of GOODS

EQUIPMENT FOR THE AIR –
CONDITIONING AND VENTILATION
SYSTEM FOR THE PROPOSED SSS
MANILA AND SSS LAOAG BRANCHES
(RE-ADVERTISEMENT)

ITB-SSS-GOODS-2024-056

Government of the Republic of the Philippines JULY 2024

ANTONIO V. TRINOS, JR.

TWG Chairperson

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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.

 ${\bf SSS-Social\ Security\ System}$

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





REPUBLIC OF THE PHILIPPINES SOCIAL SECURITY SYSTEM

East Avenue, Diliman, Quezon City Tel. Nos. (632)8709-7198

E-mail: <u>ussaptayo@sss.gov.ph</u>*Website http://www.sss.gov.ph

Invitation to Bid ITB-SSS-Goods-2024-056

EQUIPMENT FOR THE AIR – CONDITIONING AND VENTILATION SYSTEM FOR THE PROPOSED SSS MANILA AND SSS LAOAG BRANCHES (RE-ADVERTISEMENT)

Approved Budget for the Contract (ABC)	Delivery/ Completion	Price of Bid Documents		of Activities /Time
& Source of Fund	Period	(non- refundable)	Pre-bid Conference	Deadline of submission and receipt of bids
₱ 14,884,858.00			August 8, 2024	August 22, 2024
Broken down as follows:	One hundred twenty (120)		(Thursday) 10:30 a.m.	(Thursday) 2:00 p.m.
Lot 1 – SSS Manila Building	calendar days from receipt of	₱ 11,500.00		
₱ 10,600,920.00	Notice to Proceed and			
Lot 2- SSS Laoag Building	Signed Contract	₱ 5,000.00		
₱ 4,283,858.00				
Approved 2024 Corporate Outlay with Code PAP 2024 Pla	1 0			

- 1. The *SOCIAL SECURITY SYSTEM* now invites Bids for the above item. Delivery of the Goods is required within the period specified above. **Bidders should have completed within five (5) years prior to 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 Instruction to Bidders.
- 2. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 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 (RIRR) of Republic Act 9184 (RA) 9184, otherwise known as the "Government Procurement Reform Act".
 - 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 5183.
- 4. Interested bidders may obtain further information from the SSS and inspect the Bidding Documents at the address in the last item of the ITB from Monday to Friday, 8:00 a.m. to 5:00 p.m.
- 5. A complete set of Bidding Documents may be acquired by interested bidders **starting 31 July 2024 up to the scheduled submission & receipt of bids** from the address stated in item 11 of the ITB and upon payment of the applicable fee for the Bidding Documents in the amount specified above.

The mode of payment will be on a cash basis payable at the SSS Cash Department, Ground Floor, SSS Main Bldg., upon accomplishment of SSS Form R-6. The Bidding Documents shall be received personally by the prospective Bidder or his authorized representative.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the SSS, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

6. The SSS will hold a Pre-Bid Conference on the date and time specified above at the Bidding Room, 2nd Floor, SSS Main Bldg., East Avenue, Diliman, Quezon City which shall be open to prospective bidders, but attendance shall not be mandatory. To ensure completeness and compliance of bids, bidders are advised to send their authorized technical and/or administrative representatives who will prepare the bid documents.

The Pre-Bid Conference will be conducted through online conference using Microsoft Teams. Kindly e-mail us on or before 07 August 2024, through e-mail address bac@sss.gov.ph, the following:

- a. Name of the representative and e-mail address; and
- b. Technical and administrative queries.
- 7. Bids must be duly received by the BAC Secretariat at the Bidding Room, 2nd Floor, SSS Main Building, East Avenue, Diliman, Quezon City on the deadline specified above. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in the ITB Clause 14.

Bid opening shall be on the date and time specified above at the Bidding Room, 2nd Floor, SSS Main Building, East Avenue, Diliman, Quezon City. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address above. Late bids shall not be accepted.

- 8. References to the dates and times shall be based on Philippine Standard time. Should any of the above dates fall on a holiday, the deadline shall be extended to the same time of the immediately succeeding business day in Quezon City.
- 9. The SSS 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.
- 10. The SSS assumes no obligation to compensate or indemnify parties for any expense or loss that they may incur as a result of their participation in the procurement process, nor does SSS guarantee that an award will be made as a result of this invitation. Furthermore, the SSS reserves the right to waive any defects or formality in the responses to the eligibility requirements and to this invitation and reserves the right to accept the proposal most advantageous to the agency.
- 11. For further information, please refer to:

Bids & Awards Committee The Secretariat

2nd Flr., SSS Main Bldg., East Ave., Diliman, Q.C. Tel # (632) 8922-1070; 8709-7198 local 5492/6382 Email – bac@sss.gov.ph

12. Bidding Documents may be downloaded from PROCUREMENT tab at www.sss.gov.ph starting **31 July 2024**.

THE CHAIRPERSON
BIDS & AWARDS COMMITTEE

ref.: itb-sss-goods-2024-056-Manila Laoag Mechanical Works (readv)

Section II. Instructions to Bidders



1. Scope of Bid

The Procuring Entity, *Social Security System* wishes to receive Bids for the Equipment for the Air – Conditioning and Ventilation System for the Proposed SSS Manila and SSS Laoag Branches (Re-Advertisement) with identification number ITB-SSS-Goods-2024-056

The Procurement Project (referred to herein as "Project") is composed of two (2) lots, 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 *CY2024* in the amount of Fourteen Million Eight Hundred Eighty-Four Thousand, Eight Hundred Fifty-Eight Pesos (**P14,884,858.00*).
- 2.1. The source of funding is: Approved 2024 Corporate Operating Budget under Capital Outlay with Code PAP 2024-0218 of the APP.

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. a. 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.
- b. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 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. 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 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 **Bidding Room**, **2nd Floor**, **SSS Main Bldg.**, **East Avenue**, **Diliman**, **Quezon City and/or through online conference using Microsoft Teams** 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 five 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, ex-warehouse, 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 the **BDS**.
 - 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 the **BDS**.

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 tradable 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 Philippine Pesos.

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration 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 shall be valid for <u>One Hundred Twenty</u> (120) <u>Calendar Days from the Date of the Bid Opening.</u> 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.

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 and either at its physical address or through online 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 7 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 14 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 One Project having several items grouped into several lots, which shall be awarded as separate contracts per lot.
- 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

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



Bid Data Sheet

ITB			
Clause			
5.3	For this purpose, contracts similar to the Project shall be:		
	a. Supply, delivery and installation of mechanical equipment particularly, Variable Refrigerant Flow (VRF) system, multi split and split type air conditioning systems.		
	b. Completed within five (5) years prior receipt of bids.	to the deadline fo	or the submission and
7.1	No further instruction		
12	The price of the Goods shall be quoted DD (Schedule of Requirements) for this Project.	P to the sites inc	licated in Section VI
14.1	The bid security shall be in the form of a B following forms and amounts:	id Securing Decla	aration, or any of the
	Form of Bid Security	Amount of Bio (Not less Percentage of	than the
	Cash or cashier's/manager's check issued by a Universal or Commercial Bank. Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank. Surety bond callable upon demand	Two perces or Lot 1: ₱ 212 Lot 2: ₱ 85	2,018.40 ,678.76
	issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	e or e Lot 1: ₱ 530,046.00	
	* Bank issued securities must be issued by a	universal/comme	ercial bank.
	* Surety Bonds must be accompanied by a c Commission that issuer is authorized to iss		Insurance
	* Bid Securing Declaration must be notarized by a duly commissioned Notary Public.		
19.3	The ABC of ₱ 14,884,858.00, broken down a	as follows:	
	Lot No. Offices Covered		ABC
	1 Manila Building Mechanical Wor	ks	₱ 10,600,920.00
	2 Laoag Building Mecha ical Wor	ks	₱ 4,283,938.00
	Any bid with a financial component exceeding the ABC per lot indicated above shall not be accepted.		
20.1	No further instruction		



20.2 The Lowest Calculated Bidder shall submit the following: 1. Registration certificate from Securities and Exchange Commission (SEC) for corporation including Articles of Incorporation and General Information Sheet (GIS), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document 2. Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas; 3. Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR) 4. Latest Audited Financial Statements 5. Latest income tax return corresponding to the Audited Financial Statements submitted, filed electronically (EFPS); 6. Quarterly VAT (business tax returns) per Revenue Regulations 3-2005 for the last six (6) months prior to the submission & opening of bids filed electronically (EFPS);

No further instruction

21.1

Section IV. General 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 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 VII (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

5.1 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.

5.2 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



Special Conditions of Contract

GCC	
Clause	
1	Scope of Works: General Requirements
	The work to be done consists of "Equipment for the Air – Conditioning and Ventilation System for the Proposed SSS Manila and SSS Laoag Branches (Re-Advertisement)" complete in all details, of the Electrical and Mechanical Works, at the subject premises, and all work and materials incidental to the proper completion of the mechanical work. All works shall be in accordance with the governing Codes and Regulations and with the Specifications, except where the same shall conflict with such Codes, etc., which shall then govern. The requirements in regard to materials and workmanship specify the required standards for the furnishing of all labor, materials, and appliances necessary for the complete installation of the work specified herein and indicated on the drawings. These specifications are intended to provide a broad outline of the required services, but are not limited to include all details of design.
	In case of deviation of the given design specification and modifications and correction shall be at the look out of the contractor to make the necessary adjustment such that the desired cooling requirement can be delivered in order to attain the sufficient provision of air-conditioning system to cool the area and satisfy the operation.
	A. MECHANICAL
	 All works shall be properly coordinated with SSS Representative/s. Any works and materials specification changes shall be discussed prior to the approval of SSS. Supply, delivery and installation of all brand new air-conditioning and ventilation equipment including all accessories necessary to make the system operational. All air-conditioning and ventilation equipment and its refrigerant and electrical lines shall be installed in accordance with the manufacturer's recommendations. All refrigerant line installations shall be properly welded and secured against leaks and shall be also provided with insulators, appropriate rigid supports to secure the equipment against movement that may cause any from damages to its supporting components/ parts and equipment itself. All suction and discharge lines shall be insulated with Rubber Insulation Size 25mm minimum thickness. Provision of Rubber Insulation with polyethylene tape for all piping lines. Connect air-conditioning unit drains to the nearest condensate drain line stub-out with 25mm dia. minimum size. Extend drain line connections, if necessary. The ACCU and FCU shall be properly installed on a steel pedestal/platform base complete with vibration isolating medium like neoprene rubber pad Tools, testing equipment and instruction manuals and reference materials shall be provided prior to the proper Testing and Commissioning of the completed system. Test result shall be submitted to the Building Owner Representative.
	 Supply and installation of all necessary accessories to ensure safe and proper operation of the equipment, other essential, miscellaneous and incidental materials to complete the project All areas affected during implementation of the project by chipping, dismantling works and other related activities shall be restored to original aesthetic condition at the owner's satisfaction and to the sole account of the contractor The supplier shall be responsible for repairs, periodic maintenance including semi – annual cleaning and servicing, check – up of the supplied A/C units for the entire duration of the warranty period. Preparation and submission of delivery receipts, sales invoice, original JO/ PO,
	as-built plans. Installation and operation manuals, brochures, and the start-up test result and other documents required in the project.

For Lot 1- Items for approval during project implementation. Supply, delivery and installation of the following brand new ventilation equipment complete with standard accessories for SSS Manila Branch:

Item #	Туре	Capacity	Quantity
1	Wall Mounted Exhaust Fan	650 CMH	1 set
2	Wall Mounted Exhaust Fan	250 CMH	1 set
3	Ceiling Cassette Exhaust Fan	400 CMH x 100 Pa. Static Pressure	1 set
4	Ceiling Cassette Exhaust Fan	200 CMH x 70 Pa. Static Pressure	2 sets
5	Cabinet in-Line Fan Exhaust Fan	450 CMH x 100 Pa. Static Pressure	1 set
6	Cabinet in-Line Fan Exhaust Fan	700 CMH x 100 Pa. Static Pressure	1 set
7	Wall Mounted Fan	100 CMH	1 set
8	Cabinet in-Line Fresh Air Fan	1700 CMH x 150 Pa. Static Pressure	1 set
9	Ceiling Cassette Toilet Exhaust Fan	85 CMH x 25 Pa. Static Pressure	1 set
10	Cabinet in-Line Exhaust Fan	600 CMH x 100 Pa. Static Pressure	1 set
11	Ceiling Cassette Exhaust Fan	250 CMH x 100 Pa. Static Pressure	2 sets
12	Ceiling Cassette Exhaust Fan	150 CMH x 70 Pa. Static Pressure	1 set
13	Ceiling Cassette Exhaust Fan	85 CMH x 70 Pa. Static Pressure	1 set
14	Cabinet in-Line Fresh Air Fan	1200 CMH x 150 Pa. Static Pressure	1 set
15	Cabinet in-Line Fresh Air Fan	600 CMH x 100 Pa. Static Pressure	1 set
16	Cabinet in-Line Exhaust Fan	1100 CMH x 150 Pa. Static Pressure	1 set
17	Air curtain	2600 CMH	2 sets
18	Oscillating Fan		5 sets

All equipment listed shall have an electrical capacity of 230 volts, 1 phase and 60 Hz.

Item #	Туре	Specifications	
1	Galvanized Iron (GI) Sheet	Ga #24	1 lot
2	Vent Cap with Wire Mesh	Ø 150 mm	1 pc
3	Fresh Air Louver (FAL)	550 x 550 mm 450 x 450 mm	2 pcs 2 pcs
4	Fresh Air Grill (FAG)	250 x 250 mm 200 x 200 mm	8 pcs 7 pcs
5	Exhaust Air Louver (EAL)	1200 x 150 mm 450 x 450 mm 350 x 350 mm 250 x 250 mm 150 x 150 mm 100 x 100 mm	12 pcs 2 pcs 2 pcs 2 pcs 3 pcs 16 pcs 4 pcs
6	Volume Damper	200 x 200 mm 200 x 150 mm 150 x 150 mm 150 x 100 mm 100 x 100 mm	9 pcs 4 pcs 8 pcs 5 pcs 10 pcs

For Lot 2: Items for approval during project implementation. Supply, delivery and installation of the following brand new ventilation equipment complete with standard accessories for SSS Laoag Branch:

Item #	Туре	Capacity	Quantity
1	Ceiling Cassette Toilet Exhaust Fan	180 CMH x 50 Pa. Static Pressure	6 sets
2	Ceiling Cassette Exhaust Fan	400 CMH x 150 Pa. Static Pressure	3 sets
3	Wall Mounted Exhaust Fan	1000 CMH	1 set
4	Wall Mounted Exhaust Fan	200 CMH	1 set
5	Wall Mounted Transfer Fan	250 CMH	1 set
6	Centrifugal In-line Fresh Air Fan	1000 CMH X 150 Pa.	2 sets
7	Air curtain	2600 CMH	2 sets
8	Oscillating Fan		2 sets

All equipment listed shall have an electrical capacity of 230 volts, 1 phase and 60 Hz.

Item #	Туре	Specifications	Quantity
1	Galvanized Iron (GI) Sheet	Ga #24	1 lot
2	Fresh Air Louver (FAL)	350 x 350 mm 250 x 150 mm	2 pcs 4 pcs
3	Fresh Air Louver (FAL) with Wire Mesh	800 x 200 mm	1 pc
4	Fresh Air Grill (FAG)	600 X 150 mm 250 x 250 mm	1 pc 6 pcs
5	Exhaust Air Grill (EAG)	200 x 200 mm 150 x 150 mm 100 x 100 mm	1 pc 2 pcs 1 pc
6	Volume Damper	150 mm diameter	6 pcs

B. ELECTRICAL

- 1. All electrical materials shall be approved type and application.
- 2. All electrical materials shall be in accordance with the plans, specification and in compliance with the Philippine National Standards (PNS), latest edition of the Philippine Electrical Code (PEC) and applicable Local Codes/ Regulations/ Laws
- 3. All roughing in layout shall be concealed with PVC or RSC or IMC.
- 4. Use Liquid Tight Flexible conduit with appropriate wiring, fittings and supports from ECB towards the ACCU terminal/tapping lines
- 5. All areas affected during implementation of the project by chipping, dismantling works and other related activities shall be restored to original condition at the owner's satisfaction and to the sole account of the contractor.
- 6. All electrical pipe-fittings and insulation shall be provided with appropriate lock nut and bushing and appropriate supports with standards intervals.
- 7. Feeder and sub-feeder wiring shall be provided with adequate wire marker. Panels shall be provided with directory.
- 8. Testing, commissioning and proper documentations shall be made prior to turnover of the completed project.

PERMITS

All permits required for this work shall be obtained by and at the expense of the Contractor. The Contractor shall furnish the SSS the certificates of inspection and approval from the proper government authorities after the completion of the work. The Contractor shall prepare all as-built plans and all other paperwork required by the approving authorities.

COORDINATION

The Contractor shall coordinate in every work with all other Contractors to whose apparatus he shall connect part of his work, and also provide in his work connections and facilities for the connection of their work. The Contractor is hereby called upon to prepare such drawings of details of his equipment, location of sleeves, inserts and supports as may be required for the assistance, and the coordination of his work with that of the existing installation. Upon demand, he shall furnish these drawings in adequate numbers for the information to all parties concerned, and shall coordinate the preparation of these drawings by consultation with other trades involved, before submitting them. The approval of such drawings will not relieve Contractor in any way from the responsibility of proper location and coordinating his work with the SSS.

WORKMANSHIP

The work through shall be executed in the best and most thorough manner under the direction of and to the satisfaction of the Engineers, who will jointly interpret the meaning of the drawings and specifications and shall have the power to reject any work and materials in their judgments, are not in full accordance therewith.

The Contractor shall have on file, for ready access and reference, a set of drawings indicating all work as actually installed incorporating in same all changes and additions. Open the termination of the Contract, he shall prepare set of tracings indication therein the electrical work as actually and finally installed. These drawings shall be turned over to the SSS.

STANDARD OF MATERIALS

All materials shall be new and shall conform with the standards of Philippine National Standards, (PNS) or the following; Underwriter's Laboratories, Inc., ASA, IEEE, NEMA, IPCEA and ASTM in every case where such a standard has been established for the particular type of materials in question. All materials on all system shall comply with the specifications, unless specifically exempted and all materials where not specified shall be of the best of their respective kind. Samples of any materials shall be submitted for approval as required by the Owner's Representative.

PROTECTION

Contractor shall effectual protect his own work from damage during and, as may be necessary after the installation; and he shall likewise protect adjoining existing installation from damage resulting from installation of this work.

CLEANING UP

The Contractor shall remove all dirt, debris, rubbish and waste materials caused by him in the process of his work. He shall also remove all tools, temporary power installation, scaffolding and surplus materials after completion and acceptance of his work.

All Mechanical works shall be done in accordance with the proposed plans issued by A.C. Ong Consulting Inc. under Annex "A" for Manila Branch and Annex "B" for Laoag Branch.

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:

The supply, delivery and installation of equipment shall be at the following locations:

LOT 1

Offices/Branches	Address
Manila Building	Apacible St. cor. Agoncillo St., Ermita, Malate, Manila

LOT 2

Offices/Branches	Address
Laoag Building	Barangay Buttong, Laoag City

The delivery terms applicable to this Contract are delivered as specified location per lot. 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 Branch Support and Services Department.

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:

- 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. Other 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.

- 1. 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
- 2. 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 costs 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 **thirty (30) calendar days**.

Spare parts or components shall be supplied as promptly as possible, but in any case, within one (1) month 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.
2.2	The terms of payment shall be as follows:
	One-time payment upon completion and acceptance of Branch Support Services Department.
	The following requirements must also be complied with:
	Testing and inspection of the units. (Annex A- Testing, Adjusting and Balancing of Mechanical Equipment)
	2. Submission of complete documents: Delivery Receipts, Sales Invoice, signed & sealed As-built plans, Operation and Installation Manuals, Brochures, and Start-up test results and other documents required in the project.
	3. Issuance of Certificate of Completion and Acceptance by the implementing unit.
	Payment shall be credited to the LANDBANK or DBP or any choice of bank account subject to applicable bank charges of the winning bidder.
	The payment shall be subject to retention of Withholding Tax and other applicable taxes in accordance with existing Laws and BIR Rules and Regulations, to be remitted directly to the BIR by the SSS.
	Payment using Letter of Credit is not allowed.
	The obligation for the warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) of the total contract price.
4	The inspections and tests that will be conducted are indicated in Annex A - Testing, Adjusting and Balancing of Mechanical Equipment
	All tests shall be witnessed by SSS authorized representative/s.
5.1	Warranty period for all mechanical and electrical works installation is one (1) year for parts and services. SEMI ANNUAL service and maintenance shall be undertaken by the winning bidder within the warranty period.
5.2	Correction of defects in the warranty period shall be done <u>within three (3) days</u> after notification of defect was for communicated (verbally or in writing) by SSS to the Supplier.



6 Liability of the Supplier

1. CONFIDENTIALITY. Neither party shall, without the prior written consent of the other, disclose or make available to any person, make public, or use directly or indirectly, except for the performance and implementation of the works, any confidential information, acquired from an information holder in connection with the performance of this Contract, unless: (i) the information is known to the disclosing party, as evidenced by its written records, prior to obtaining the same from the information holder and is not otherwise subject to disclosure restrictions on the disclosing party, (ii) the information is disclosed to the disclosing party by a third party who did not receive the same, directly or indirectly, from an information holder, and who has no obligation of secrecy with respect thereto, or (iii) required to be disclosed by law.

The obligation of confidentiality by both parties, as provided herein, shall survive the termination of the Agreement.

- 2. MERGER AND CONSOLIDATION. In case of merger, consolidation or change of ownership of the SUPPLIER with other company, it is the responsibility of the surviving company/consolidated company/acquiring entity to inform SSS of the change in corporate structure/ownership. Failure to do so shall translate in such company assuming all liabilities of the acquired/merged company under the Agreement.
- 3. FORCE MAJEURE. SUPPLIER shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that SUPPLIER's delay in performance or other failure to perform its obligations under this Agreement is the result of a force majeure.

For purposes of this Agreement the terms "force majeure" and "fortuitous event" may be used interchangeably. In this regard, a fortuitous event or force majeure shall be interpreted to mean an event which SUPPLIER could not have foreseen, or which though foreseen, was inevitable. It shall not include ordinary unfavorable weather conditions; and any other cause the effects of which could have been avoided with the exercise of reasonable diligence by SUPPLIER. Such events may include, but not limited to, acts of SSS in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a force majeure situation arises, SUPPLIER shall promptly notify SSS in writing of such condition and the cause thereof. Unless otherwise directed by SSS in writing, SUPPLIER shall continue to perform its obligations under this Agreement as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the force majeure.

- 4. NON-ASSIGNMENT. SUPPLIER shall not assign its rights or obligations under this Agreement, in whole or in part, except with SSS's prior written consent. SUPPLIER shall not subcontract in whole or in part the PROJECT and deliverables subject of this Agreement without the written consent of SSS.
- 5. WAIVER. Failure by either party to insist upon the other strict performance of any of the terms and conditions hereof shall not be deemed a relinquishment or waiver of any subsequent breach or default of the terms and conditions hereof, which can only be deemed made if expressed in writing and signed by its duly authorized representative. No such waiver shall be construed as modification of any of the provisions of the Agreement or as a waiver of any past or future default or breach hereof, except as expressly stated in such waiver.

- 6. CUMULATIVE REMEDIES. Any and all remedies granted to the parties under the applicable laws and the Contract shall be deemed cumulative and may therefore, at the sole option and discretion, be availed of by the aggrieved party simultaneously, successively, or independently.
- 7. NO EMPLOYER-EMPLOYEE RELATIONSHIP. It is expressly and manifestly understood and agreed upon that the employees of SUPPLIER assigned to perform the PROJECT are not employees of SSS. Neither is there an employer-employee relationship between SSS and SUPPLIER.

The Agreement does not create an employer-employee relationship between SSS and the SUPPLIER including its personnel; that the services rendered by the personnel assigned by SUPPLIER to SSS in the performance of its obligation under the contract do not represent government service and will not be credited as such; that its personnel assigned to SSS are not entitled to benefits enjoyed by SSS' officials and employees such as Personal Economic Relief Allowance (PERA), Representation and Transportation Allowance (RATA), ACA, etc.; that these personnel are not related within the third degree of consanguinity or affinity to the contracting officer and appointing authority of SSS; that they have not been previously dismissed from the government service by reason of an administrative case; that they have not reached the compulsory retirement age of sixty-five (65); and that they possess the education, experience and skills required to perform the job. The SUPPLIER hereby acknowledges that no authority has been given by SSS to hire any person as an employee of the latter. Any instruction given by SSS or any of its personnel to SUPPLIER's employees are to be construed merely as a measure taken by the former to ensure and enhance the quality of project performed hereunder. The SUPPLIER shall, at all times, exercise supervision and control over its employees in the performance of its obligations under the contract.

- 8. PARTNERSHIP. Nothing in the contract shall constitute a partnership between the parties. No party or its agents or employees shall be deemed to be the agent, employee or representative of any other party.
- 9. COMPLIANCE WITH SS LAW. SUPPLIER shall report all its employees to SSS for coverage and their contributions, as well as, all amortizations for salary/education/calamity and other SSS loans shall be updated. Should SUPPLIER fail to comply with its obligations under the provisions of the SS Law and Employees' Compensation Act, SSS shall have the authority to deduct any unpaid SS and EC contributions, salary, educational, emergency and/or calamity loan amortizations, employer's liability for damages, including interests and penalties from SUPPLIER's receivables under this Agreement.

Further, prescription does not run against SSS for its failure to demand SS contributions or payments from SUPPLIER. Moreover, SUPPLIER shall forever hold in trust SS contributions or payments of its employees until the same is fully remitted to SSS.

10. COMPLIANCE WITH LABOR LAWS. SUPPLIER, as employer of the personnel assigned to undertake the PROJECT, shall comply with all its obligations under existing laws and their implementing rules and regulations on the payment of minimum wage, overtime pay, and other labor-related benefits as well as remittances or payment of the appropriate amount or contributions/payment (SSS, EC, Pag-IBIG, PhilHealth and taxes) with concerned government agencies/offices.

It is agreed further, that prior to the release of any payment by SSS to SUPPLIER, its President or its duly authorized representative, shall submit a sworn statement that all monies due to all its employees assigned to the PROJECT as well as benefits by law and other related labor legislation have been paid by SUPPLIER and that he/she assumed full responsibility thereof.

11. COMPLIANCE WITH TAX LAWS. SUPPLIER shall, in compliance with tax laws, pay the applicable taxes in full and on time and shall regularly present to SSS within the duration of the Contract, tax clearance from the Bureau of Internal Revenue (BIR) as well as copy of its income and business tax returns duly stamped by the BIR and duly validated with the tax payments made thereon. Failure by SUPPLIER to comply with the foregoing shall entitle SSS to suspend payment of the Contract Price.

As required under Executive Order (EO) 398, s. 2005, SUPPLIER shall submit income and business tax returns duly stamped and received by the BIR, before entering and during the duration of this Agreement. SUPPLIER, through its responsible officer, shall also certify under oath that it is free and clear of all tax liabilities to the government. SUPPLIER shall pay taxes in full and on time and that failure to do so will entitle SSS to suspend or terminate this Agreement.

- 12. LIQUIDATED DAMAGES. If SUPPLIER fails to satisfactorily deliver any or all of the Goods and/or to perform the Services within the period(s) specified in the PBD inclusive of duly granted time extensions if any, SSS shall, without prejudice to its other remedies under this Agreement and under the applicable law, deduct from the Contract Price, as liquidated damages, the applicable rate of one tenth (1/10) of one (1) percent of the cost of the unperformed portion for every day of delay until actual delivery or performance. Once the amount of liquidated damages reaches ten percent (10%), SSS may rescind or terminate this Agreement, without prejudice to other courses of action and remedies open to it.
- 13. HOLD FREE and HARMLESS. SUPPLIER agrees to defend, indemnify, and hold SSS free and harmless from any and all claims, damages, expenses, fines, penalties and/or liabilities of whatever nature and kind, whether in law or equity, that may arise by reason of the implementation of the Agreement. In addition, SUPPLIER agrees to indemnify SSS for any damage as a result of said implementation.

SUPPLIER hereby assumes full responsibility for any injury, including death, loss or damage which may be caused to SSS' employees or property or third person due to SUPPLIER's employees' fault or negligence, and further binds itself to hold SSS free and harmless from any of such injury or damage. SSS shall not be responsible for any injury, loss or damage which SUPPLIER or any of its employees may sustain in the performance of SUPPLIER's obligations under this Agreement.

14. SETTLEMENT OF DISPUTES. If any dispute or difference of any kind whatsoever shall arise between SSS and SUPPLIER in connection with or arising out of this Agreement, the Parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.

If after thirty (30) days, the Parties have failed to resolve their dispute or difference by such mutual consultation, then either SSS or SUPPLIER may give notice to the other Party of its intention to commence arbitration, in accordance with RA No. 876, otherwise known as the "Arbitration Law" and RA No. 9285, otherwise known as the "Alternative Dispute Resolution Act of 2004," in order to settle their disputes.

No arbitration in respect of this matter may be commenced unless such notice is given.

Notwithstanding any reference to arbitration herein, the Parties shall continue to perform their respective obligations under this Agreement unless they otherwise agree.

- 15. VENUE OF ACTIONS. In the event court action is necessary in order to promote Arbitration, such action shall be filed only before the proper courts of Quezon City, to the exclusion of all other venues.
- 16. GOVERNING LAW. The Agreement shall be governed by and interpreted according to the laws of the Republic of the Philippines.
- 17. AMENDMENTS. This Agreement may be amended only in writing and executed by the parties or their duly authorized representatives.
- 18. SEPARABILITY. If any one or more of the provisions contained in the contract or any document executed in connection herewith shall be invalid, illegal or unenforceable in any respect under any applicable law, then: (i) the validity, legality and enforceability of the remaining provisions contained herein or therein shall not in any way be affected or impaired and shall remain in full force and effect; and (ii) the invalid, illegal or unenforceable provision shall be replaced by the parties immediately with a term or provision that is valid, legal and enforceable and that comes closest to expressing the intention of such invalid illegal or unenforceable term of provision.
- 19. BINDING EFFECT. The Agreement shall be binding upon the Parties hereto, their assignee/s and successor/s-in-interest.



Section VI. Schedule of Requirements

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

Item No.	Description	Qty.	Unit	Delivered, Weeks/Months	
I.	I. Lot 1- Equipment for the Air – Conditioning and Ventilation System for the Proposed SSS Manila Branch				
1.0	Supply, Delivery and Installation of Brand New 39 TR VRF/VRV System complete with standard accessories				
1.1	ACCU Inverter, Combination Type Cooling capacity: 141kW (480900 BTU/h) (minimum)	1	assy		
1.2	Floor Standing FCU (indoor unit) Cooling Capacity: 14kW (47800 BTU/h) (minimum)	6	assy		
1.3	Wall Mounted FCU (indoor unit) Cooling Capacity: 7.1kW (24200 BTU/h) (minimum)	5	assy		
1.4	Wall Mounted FCU (indoor unit) Cooling Capacity: 3.6kW (12300 BTU/h) (minimum)	5	assy		
2.0	Supply, Delivery and Installation of Brand New 42 TR VRF/VRV System complete with standard accessories				
2.1	ACCU Inverter, Combination Type Cooling capacity: 152kW (518400 BTU/h) (minimum)	1	assy		
2.2	Floor Standing FCU (indoor unit) Cooling Capacity: 14kW (47800 BTU/h) (minimum)	8	assy	Within one hundred twenty (120) calendar days upon receipt of	
2.3	Wall Mounted FCU (indoor unit) Cooling Capacity: 7.1kW (24200 BTU/h) (minimum)	4	assy	Notice to Proceed and Contract	
2.4	Wall Mounted FCU (indoor unit) Cooling Capacity: 3.6kW (12300 BTU/h) (minimum)	2	assy		
3.0	Supply, Delivery and Installation of Brand New Inverter Split Type Air – Conditioner with Horizontal Discharge Air – Cooled Condensing Unit complete with standard accessories				
3.1	3HP Wall Mounted, Inverter, Split Type AC	1	set		
3.2	2HP Wall Mounted, Inverter, Split Type AC	2	sets		
3.3	1.5HP Wall Mounted, Inverter, Split Type AC	5	sets		
4.0	Miscellaneous and Others for Items 1, 2 & 3	1	lot		
5.0	Supply, Delivery and Installation of refrigerant piping and refrigerant piping insulation for VRF/VRV and split type air conditioners	1	lot		

Item No.	Description	Qty.	Unit	Delivered, Weeks/Months
6.0	Supply, Delivery and Installation of Brand New Ventilation Equipment complete with standard accessories	1	lot	Within one hundred twenty (120) calendar days upon receipt of Notice to Proceed and Contract
7.0	Supply, Delivery & Installation of Ducting works for Ventilation System			
8.0	Testing, Commissioning and Hand-over:	1	lot	
9.0	Other Works	1	lot	
10.0	Warranty	One (1) Year after the final acceptance		
11.0	Service and Maintenance	Semi – annual within the warranty period		

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

Item No.	Description	Qty.	Unit	Delivered, Weeks/Months		
II.	Lot 2- Equipment for the Air – Conditioning and Ventilation System for the Proposed SSS Laoag Branch					
1.0	Supply, Delivery and Installation of Brand New Inverter Split Type Air – Conditioner with Horizontal Discharge Air – Cooled Condensing Unit complete with standard accessories			Within one hundred twenty (120) calendar days upon receipt of Notice to Proceed and Contract		
1.1	6HP Floor Mounted, Inverter, Split Type AC Rated Cooling Capacity: 14.0kW (47800 BTU/h)	7	sets			
1.2	3HP Wall Mounted, Inverter, Split Type AC Rated Cooling Capacity: 7.1kW (24200 BTU/h)	10	sets			
1.3	1.5HP Wall Mounted, Inverter, Split Type AC Rated Cooling Capacity: 3.5kW (11900 BTU/h)	2	sets			
2.0	Supply, Delivery and Installation of Brand New 4.04 TR VRF/VRV System complete with standard accessories					
2.1	5.3HP ACCU Inverter Type (outdoor unit) Cooling Capacity: 48000 BTU/h (minimum)	1	assy			
2.2	Wall Mounted FCU (indoor unit) Cooling Capacity: 7.1kW (24200BTU/h) (minimum)	1	assy			
2.3	Wall Mounted FCU (indoor unit) Cooling Capacity: 3.6kW (12300BTU/h) (minimum)	2	assy			
3.0	Supply, Delivery and Installation of Brand New 6.25 TR VRF/VRV System complete with standard accessories					
3.1	8HP ACCU Inverter Type (outdoor unit) Cooling Capacity: 22.4kW (76500BTU/h) (minimum)	1	assy			
3.2	Wall Mounted FCU (indoor unit) Cooling Capacity: 7.1kW (24200BTU/h) (minimum)	2	assy			
3.3	Wall Mounted FCU (indoor unit) Cooling Capacity: 3.6kW (12300BTU/h) (minimum)	2	assy			
4.0	Miscellaneous and Others for Items 1, 2 & 3	1	lot			
5.0	Supply, Delivery and Installation of refrigerant piping and refrigerant piping insulation for VRF/VRV and split type air conditioners	1	lot			
6.0	Supply, Delivery and Installation of Brand New Ventilation Equipment complete with standard accessories	1	lot			
Item No.	Description	Qty.	Unit	Delivered, Weeks/Months		
7.0	Supply, Delivery & Installation of Ducting works for Ventilation System	1	lot			

8.0	Testing, Commissioning and Hand-over:	1	lot	
9.0	Other Works	1	lot	
10.0	Warranty		One (1) Year after the final acceptance	
11.0	Service and Maintenance		Semi – annual within the warranty period	

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



Section VII. Technical Specifications



Technical Specifications

T40	Charification	Statement of	Annov
Item	Specification	Compliance	Annex

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.

All Mechanical works shall be done in accordance with the plans issued by A.C. Ong Consulting Inc. under Annex "A".

Lot 1: Supply, Delivery and Installation of Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Manila Branch		
	Supply, Delivery and Installation of Brand New VRF/VRV System complete with	
1	standard accessories.	
1		
	Must submit brochures showing given parameters	
	ACCU Inverter, Combination Type	
	Cooling capacity: 141kW (480900 BTU/h) (minimum)	
	Power Supply: 380V, 3 Phase, 60Hz	
1.1	Power Input: 43.8kW (maximum)	
1.1	Airflow Rate: 38500 CMH	
	Refrigerant: R-410A	
	EER/COP: 3.22	
	Compressor: Three (3) Scroll DC Inverter	
	ACCU Inverter, Combination Type	
	Cooling capacity: 152kW (518400 BTU/h) (minimum)	
	Power Supply: 380V, 3 Phase, 60Hz	
1.2	Power Input: 45.4kW (maximum)	
1.2	Airflow Rate: 43500 CMH	
	Refrigerant: R-410A	
	EER/COP: 3.35	
	Compressor: Three (3) Scroll DC Inverter	
	Floor Standing FCU (indoor unit)	
	Cooling Capacity: 14kW (47800 BTU/h) (minimum)	
1.3	Power Supply: 230V, Single Phase, 60Hz	
	Power Input: 180W (maximum)	
	Airflow Rate (High): 1890 CMH	
	Wall Mounted FCU (indoor unit)	
1.4	Cooling Capacity: 7.1kW (24200 BTU/h) (minimum)	
	Power Supply: 230V, Single Phase, 60Hz	
	Power Input: 55W (maximum)	
	Airflow Rate (High): 1195 CMH	
1.5	Wall Mounted FCU (indoor unit)	
	Cooling Capacity: 3.6kW (12300 BTU/h) (minimum)	
	Power Supply: 230V, Single Phase, 60Hz	
	Power Input: 30W (maximum)	
	Airflow Rate (High): 656 CMH	



Supply, Delivery and Installation of Brand New Inverter Split Type Air – C		
	with Horizontal Discharge Air - Cooled Condensing Unit complete with standard	
2	accessories	
	Must submit brochures showing given parameters	
	3HP Wall Mounted, Inverter, Split Type AC	
	Rated Cooling Capacity: 7.1 kW (24200 BTU/h)	
	Airflow Rate (High): 780CFM (minimum)	
	Refrigerant: R – 32	
2.1	Rated Power Consumption: 2.14 kW (maximum)	
	Electrical Data: 220V, Single Phase, 60Hz	
	COP/EER: 3.32 (minimum)	
	DOE Star Rating: 5	
	Can accommodate 30 meters piping length	
	2HP Wall Mounted, Inverter, Split Type AC	
	Rated Cooling Capacity: 5.2 kW (17700 BTU/h)	
	Airflow Rate (High): 636CFM (minimum)	
	Refrigerant: R – 32	
2.2	Rated Power Consumption: 1.32kW (maximum)	
	Electrical Data: 220V, Single Phase, 60Hz	
	COP/EER: 3.94 (minimum)	
	DOE Star Rating: 5	
	Can accommodate 30 meters piping length	
	1.5HP Wall Mounted, Inverter, Split Type AC	
	Rated Cooling Capacity: 3.5 kW (11900 BTU/h)	
2.3	Airflow Rate (High): 537CFM (minimum)	
	Refrigerant: R – 32	
	Rated Power Consumption: 790W (maximum)	
	Electrical Data: 220V, Single Phase, 60Hz	
	COP/EER: 4.43 (minimum)	
	DOE Star Rating: 5	
	Can accommodate 20 meters piping length	

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



Técres	Specification	Statement of	A
Item	Specification	Compliance	Annex

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.

All Mechanical works shall be done in accordance with the Technical Specifications issued by A.C. Ong Consulting Inc. under Annex "B".

Lot 2: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Laoag
Branch

1	Supply, Delivery and Installation of Brand New Inverter Split Type Air – Conditioner with Horizontal Discharge Air – Cooled Condensing Unit complete with standard accessories
	Must submit brochures showing given parameters
1.1	6HP Floor Mounted, Inverter, Split Type AC Rated Cooling Capacity: 14.0kW (47800 BTU/h) Airflow Rate (High): 1200CFM (minimum) Refrigerant: R – 32 Rated Power Consumption: 5.45kW (maximum) Electrical Data: 220V, Single Phase, 60Hz COP/EER: 2.57 (minimum) DOE Star Rating: 5 Can accommodate 50 meters piping length
1.2	3HP Wall Mounted, Inverter, Split Type AC Rated Cooling Capacity: 7.1kW (24200 BTU/h) Airflow Rate (High): 780CFM (minimum) Refrigerant: R – 32 Rated Power Consumption: 2.14kW (maximum) Electrical Data: 220V, Single Phase, 60Hz COP/EER: 3.32 (minimum) DOE Star Rating: 5 Can accommodate 30 meters piping length
1.3	1.5HP Wall Mounted, Inverter, Split Type AC Rated Cooling Capacity: 3.5kW (11900 BTU/h) Airflow Rate (High): 537CFM (minimum) Refrigerant: R – 32 Rated Power Consumption: 790W (maximum) Electrical Data: 220V, Single Phase, 60Hz COP/EER: 4.43 (minimum) DOE Star Rating: 5 Can accommodate 20 meters piping length
2	Supply, Delivery and Installation of Brand New VRF/VRV System complete with standard accessories.



	Must submit brochures showing given parameters
2.1	5.3HP ACCU Inverter Type (outdoor unit) Cooling Capacity: 48000 BTU/h (minimum) Airflow Rate: 7650 CMH Power Supply: 230V,Single Phase, 60Hz
2.2	Wall Mounted FCU (indoor unit) Cooling Capacity: 3.6kW (12300BTU/h) (minimum) Airflow Rate (High): 656 CMH Power Input: 30W Electrical Capacity: 230V, Single Phase, 60Hz
2.3	Wall Mounted FCU (indoor unit) Cooling Capacity: 7.1kW (24200BTU/h) (minimum) Airflow Rate (High): 1195 CMH Power Input: 55W Electrical Capacity: 230V, Single Phase, 60Hz
2.4	8HP ACCU Inverter Type (outdoor unit) Cooling Capacity: 22.4kW (76500BTU/h) (minimum) Power Input: 5.17kW Airflow Rate: 10000 CMH Power Supply: 380V,3 Phase, 60Hz EER/COP: 14.79
2.5	Wall Mounted FCU (indoor unit) Cooling Capacity: 7.1kW (24200BTU/h) (minimum) Airflow Rate (High): 1195 CMH Power Input: 55W Electrical Capacity: 230V, Single Phase, 60Hz
2.6	Wall Mounted FCU (indoor unit) Cooling Capacity: 3.6kW (12300BTU/h) (minimum) Airflow Rate (High): 656 CMH Power Input: 30W Electrical Capacity: 230V, Single Phase, 60Hz

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



Section VIII. Checklist of Technical and Financial Documents



CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

	Cluss A Documents			
<u>Legal Documents</u>				
(a)	Valid PhilGEPS Certificate of Platinum Registration and Membership (Platinum Membership) (all pages);			
Tachnica	d Documents			
(b)	Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether			
	similar or not similar in nature and complexity to the contract to be bid; and			
\Box (c)	Statement of the bidder's Single Largest Completed Contract (SLCC) similar			
_	to the contract to be bid, except under conditions provided for in Sections			
	23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within 5 years			
	period prior to the submission and opening of Bids; and			
(1)	· · · · · · · · · · · · · · · · · · ·			
	Original copy of Bid Security (Cash, Letter of Credit, Surety Bond). If in the			
	form of a Surety Bond, submit also a certification issued by the Insurance			
	Commission; Original copy of Notarized Bid Securing Declaration; and			
(e)	Conformity with the Schedule of Requirements (Section VI) and Technical			
	Specifications (Section VII), which may include production/delivery			
	schedule, manpower requirements, and/or after-sales/parts, if applicable; and			
(f)	Original duly signed Omnibus Sworn Statement (OSS);			
	and if applicable, Original Notarized Secretary's Certificate in case of a			
	corporation, partnership, or cooperative; or Original Special Power of			
	Attorney of all members of the joint venture giving full power and authority			
	to its officer to sign the OSS and do acts to represent the Bidder.			
	to its officer to sign the OSS and do acts to represent the Bidder.			
Other de	cumentary requirements under RA No. 9184 (as applicable)			
	gn bidders claiming by reason of their country's extension of reciprocal rights			
to Filipin				
(g)	Copy of Treaty, International or Executive Agreement; or			
\prod (h)	Certification from the relevant government office of their country stating that			
	Filipinos are allowed to participate in government procurement activities for			
	the same item or product.			
(i)	Certification from the DTI if the Bidder claims preference as a Domestic			
	Bidder or Domestic Entity.			
	Class "B" Documents			
\Box (j)	If applicable, a duly signed joint venture agreement (JVA) in case the joint			
	venture is already in existence;			
	<u>or</u>			
	duly notarized statements from all the potential joint venture partners stating			
	that they will enter into and abide by the provisions of the JVA in the instance			
	that the bid is successful.			
Financial Documents				
(k)	The Supplier's audited financial statements, showing, among others, the			
	• • • • • • • • • • • • • • • • • • • •			
	Supplier's total and current assets and liabilities, stamped "received" by the			
	BIR or its duly accredited and authorized institutions, for the preceding			
	calendar year which should not be earlier than two (2) years from the date of			
	bid submission; and			

	(l)	The prospective bidder's computation of Net Financial Contracting Capacity (NFCC); or A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.		
II.	FINANC (m) (n)	CIAL COMPONENT ENVELOPE Original of duly signed and accomplished Financial Bid Form; and Original of duly signed and accomplished Price Schedule(s)/Bid Breakdown.		
IMP	ORTANT	REMINDERS		
A)	Section by the	and every page of the Bid Forms/Price Schedule(s)/Bid Breakdown , under n VIII: Checklist of Technical and Financial Documents hereof, shall be signed duly authorized representative/s of the Bidder. Failure to do so shall be a ground rejection of the bid.		
B)	•	nterlineations, erasures, or overwriting shall be valid only if they are signed or ed by the duly authorized representative/s of the Bidder.		
C)		Bid documents shall be compiled in a folder/binder with the Annexes properly labeled with tabs/separators.		
D)	Bidders shall submit their bids through their duly authorized representative enclosed in separate sealed envelopes, which shall be submitted simultaneously:			
	a)	The first three individually sealed envelopes shall contain the folder/binder of the Eligibility Requirements and Technical Component of the bid; prepared in three copies labeled as follows:		
		Envelop (1): ORIGINAL – Eligibility Requirements and Technical Component Envelop (2): COPY1 – Eligibility Requirements and Technical Component Envelop (3): COPY2 – Eligibility Requirements and Technical Component		
	b)	The next three individually sealed envelopes shall contain the folder/binder of the Financial Component of the bid; prepared in three copies labeled as follows:		
		Envelop (4): ORIGINAL – Financial Component Envelop (5): COPY1 – Financial Component Envelop (6): COPY2 – Financial Component		
	c)	Bidders shall enclose, seal and mark the following:		
		Envelop (7): Envelope (1) and Envelope (4) enclosed in one sealed envelope marked "ORIGINAL-BID"		
		Envelop (8): Envelope (2) and Envelope (5) enclosed in one sealed envelope marked "COPY1-BID"		
		Envelop (9): Envelope (3) and Envelope (6) enclosed in one sealed envelope marked "COPY2-BID"		
	d)	Envelopes (7) to (9) shall then be enclosed in a single sealed, signed final/outer envelope/package/box		

- e) All envelopes (Envelopes (1) to (9) and the final/outer envelope/package/box) shall indicate the following:
 - addressed to the Procuring Entity's BAC
 - name and address of the Bidder in capital letters
 - name of the contract/project to be bid in capital letters
 - bear the specific identification/reference code of this bidding process
 - bear a warning "DO NOT OPEN BEFORE..." the date and time for the opening of bids

THE CHAIRPERSON BIDS AND AWARDS COMMITTEE 2 ND FLOOR, SSS MAIN BUILDING EAST AVENUE, DILIMAN, QUEZON CITY
NAME OF BIDDER :ADDRESS :
NAME OF PROJECT: ITB REFERENCE NUMBER:
DO NOT OPEN BEFORE (the date and time for the opening of bids)

E) Bids submitted after the deadline shall only be marked for recording purpose, shall not be included in the opening of bids, and shall be returned to the bidder unopened.

FORMS



Bid Form for the Procurement of Goods

BID FORM

Lot 1: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Manila Branch (Re-Advertisement)

	Date:
Project Identification No.:	$\underline{ITB\text{-}SSS\text{-}Goods\text{-}2024\text{-}056}$

To: SOCIAL SECURITY SYSTEM East Avenue, Diliman, Quezon City

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to Lot 1: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Manila Branch (Re-Advertisement) in conformity with the said PBDs for the sum of [total Bid amount in words and figures] or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules/Bid Breakdown attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein or in the Price Schedules/Bid Breakdown,

If our Bid is accepted, we undertake:

- a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- c. to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

[Insert this paragraph if Foreign-Assisted Project with the Development Partner:

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address Amount and Purpose of	
of agent Currency Commission or gratuity	
if none, state "None")	

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of [name of the bidder] as evidenced by the attached [state the written authority].

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices/Bid Breakdown, shall be a ground for the rejection of our bid.

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

Bid Form for the Procurement of Goods

BID FORM

Lot 2: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Laoag Branch (Re-Advertisement)

	Date:
Project Identification No.:	ITB-SSS-Goods-2024-056

To: SOCIAL SECURITY SYSTEM East Avenue, Diliman, Quezon City

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to Lot 2: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Laoag Branch (Re-Advertisement) in conformity with the said PBDs for the sum of [total Bid amount in words and figures] or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules/Bid Breakdown attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein or in the Price Schedules/Bid Breakdown,

If our Bid is accepted, we undertake:

- a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- c. to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

[Insert this paragraph if Foreign-Assisted Project with the Development Partner:

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address Amount and Purpose of	
of agent Currency Commission or gratuity	
if none, state "None")	

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of [name of the bidder] as evidenced by the attached [state the written authority].

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices/Bid Breakdown, shall be a ground for the rejection of our bid.

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

Price Schedule(s)/Bid Breakdown

Lot 1: Equipment for the Air-Conditioning and Ventilation System for the Proposed Manila Branch (Re-Advertisement)

Name of Bidder: _____ Invitation to Bid Number: <u>ITB-SSS-Goods-2024-056</u>

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST (Mark Up and VAT Included)	TOTAL COST
1.0	Supply, Delivery and Installation of Brand New 39 T accessories	R VRF	/VRV S	ystem complete w	ith standard
1.1	ACCU Inverter, Combination Type Cooling capacity: 141kW (480900 BTU/h) (minimum)	1	assy		
1.2	Floor Standing FCU (indoor unit) Cooling Capacity: 14kW (47800 BTU/h) (minimum)	6	assy		
1.3	Wall Mounted FCU (indoor unit) Cooling Capacity: 7.1kW (24200 BTU/h) (minimum)	5	assy		
1.4	Wall Mounted FCU (indoor unit) Cooling Capacity: 3.6kW (12300 BTU/h) (minimum)	5	assy		
	SUB – TOTAL 1.0				
2.0	Supply, Delivery and Installation of Brand New 42 T accessories	R VRF	/VRV Sy	ystem complete w	ith standard
2.1	ACCU Inverter, Combination Type Cooling capacity: 152kW (518400 BTU/h) (minimum)	1	assy		
2.2	Floor Standing FCU (indoor unit) Cooling Capacity: 14kW (47800 BTU/h) (minimum)	8	assy		
2.3	Wall Mounted FCU (indoor unit) Cooling Capacity: 7.1kW (24200 BTU/h) (minimum)	4	assy		
2.4	Wall Mounted FCU (indoor unit) Cooling Capacity: 3.6kW (12300 BTU/h) (minimum)	2	assy		
	SUB – TOTAL 2.0				
3.0	Supply, Delivery and Installation of Brand New Inve Horizontal Discharge Air – Cooled Condensing Unit	_			
3.1	3HP Wall Mounted, Inverter, Split Type AC	1	set		
3.2	2HP Wall Mounted, Inverter, Split Type AC	2	sets		
3.3	1.5HP Wall Mounted, Inverter, Split Type AC	5	set		
	SUB – TOTAL 3.0				



ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST (Mark Up and VAT Included)	TOTAL COST
4.0	Miscellaneous and Others for Items 1, 2 & 3				
4.1	Supports, hangers, concrete pad, electrical connections	1	lot		
	SUB – TOTAL 4.0				
5.0	Supply, Delivery and Installation of refrigerant pipin VRF/VRV and split type air conditioners	g and 1	efrigera	nt piping insulati	on for
5.1	 Copper pipe, Hard drawn Type L Copper pipe fittings Refnet Branch Piping Pipe insulation, Closed Cell Elastomeric (CCE) Rubber Insulation Class 1 x 20mm thick Pipe Hangers and Supports (including saddles if any) Miscellaneous and Consumables 	1	lot		
	SUB – TOTAL 5.0				
6.0	Supply, Delivery and Installation of Brand New Ventilation Equipment complete with standard accessories			,	
6.1	 Wall Mounted Exhaust Fan, 650 CMH- 1 unit Wall Mounted Exhau st Fan, 400 CMH x 100 Pa2 units Ceiling Cassette Exhaust Fan, 400 CMH x 100 Pa1 unit Ceiling Cassette Exhaust Fan, 200 CMH x 70 Pa2 units Cabinet In-line Fan- 450 CMH x 100 Pa. Static Pressure- 1 unit Cabinet In-line Fan, 700 CMH x 100 Pa. Static Pressure- 1 unit Wall Mounted Fan, 100 CMH- 1 unit Cabinet In-line Fan, 1700 CMH x 150 Pa. Static Pressure- 1 unit Ceiling Cassette Exhaust Fan, 85 CMH x 25 Pa. Static Pressure- 1 unit Celling Cassette Exhaust Fan, 600 CMH x 100 Pa. Static Pressure- 1 unit Celling Cassette Exhaust Fan, 250 CMH x 100 Pa. Static Pressure- 2 units Ceiling Cassette Exhaust Fan, 150 CMH x 70 Pa. Static Pressure- 1 unit Ceiling Cassette Exhaust Fan, 85 CMH x 70 Pa. Static Pressure- 1 unit Ceiling Cassette Exhaust Fan, 85 CMH x 70 Pa. Static Pressure- 1 unit Cabinet In-line Fresh Air Fan, 1200 CMH x 150 Pa. Static Pressure- 1 unit Cabinet In-line Fresh Air Fan, 600 CMH x 100 Pa. Static Pressure- 1 unit 	1	lot		



ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST (Mark Up and VAT Included)	TOTAL COST
	16.Cabinet In-line Exhaust Air Fan, 1100 CMH x 150 Pa. Static Pressure- 1 unit 17.Air Curtain, 2600 CMH- 2 units 18.Oscillating Fan- 5 units				
	Miscellaneous & Others (Support, Pad, Electrical Connections, Etc.)				
	SUB – TOTAL 6.0				
7.0	Supply, Delivery & Installation of Ducting works for Ventilation System				
7.1	1. G.I. Sheet, ga. # 24 2. Vent Cap with Wire Mesh, Ø 150 mm- 1 pc Fresh Air Louver (FAL) 3. 550 x 550 mm- 2pcs 4. 450 x 450 mm- 2 pcs Fresh Air Grill (FAG) 5. 250 x 250 mm- 8 pcs 6. 200 x 200 mm- 7 pcs Exhaust Air Louver (EAL) 7. 1200 x 150 mm- 12 pcs 8. 450 x 450 mm- 2 pcs 9. 350 x 350 mm- 2 pcs 10. 250 x 250 mm- 3 pcs 11. 150 x 150 mm- 16 pcs 12. 100 x 100 mm- 4 pcs Volume Damper 13. 200 x 200 mm- 9 pcs 14. 200 x 150 mm- 4 pcs 15. 150 x 150 mm- 8 pcs 16. 150 x 100 mm- 5 pcs 17. 100 x 100 mm- 10 pcs Duct Accessories and Miscellaneous Duct Hangers and Supports	1	lot		
	Duct Sealants, Gasket, Tapes, Adhesives and other necessary consumables				
	SUB – TOTAL 7.0				
8.0	Testing, Commissioning and Hand-over: - Refrigerant Line - Pressure leak test - Leak Test for Ducts - A/C System - Operation test - Ventilation System - Operation test	1	lot		
	SUB – TOTAL 8.0				

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST (Mark Up and VAT Included)	TOTAL COST
9.0	Other Works: - Incidental Civil Works affected by mechanical installations - LGU Permits - Signed and Sealed As-Built Plans - Temporary Facilities	1	lot		
	SUB – TOTAL 9.0				
10.0	WARRANTY			FREE	
	TOTAL PROJECT COST				

Note:

- 1. Any bid exceeding the ABC of ₱ 10,600,920.00 shall not be accepted.
- 2. Fill up all required items/field in the bid breakdown. Failure to indicate any of the following shall mean outright disqualification since bid is considered Non-Responsive.
 - If the item is given for free, indicate dash (-), zero (0) or free
 - If the item is not applicable, indicate N/A
- 3. Please use the softcopy of the Bid Breakdown provided to the bidders.
- 4. All documents shall be signed, and each and every page thereof shall be initialed, by the duly authorized representative/s of the Bidder.
- 5. Bid proposal must be inclusive of all applicable taxes.
- 6. Warranty requirement is at no cost to SSS.

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



Lot 2: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Laoag Branch (Re-Advertisement)

Name of Bidder: _____ Invitation to Bid Number: ITB-SSS-Goods-2024-056

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST (Mark Up and VAT Included)	TOTAL COST				
1.0	Supply, Delivery and Installation of Brand New Inverter Split Type Air – Conditioner with Horizontal Discharge Air – Cooled Condensing Unit complete with standard accessories								
1.1	6HP Floor Mounted, Inverter, Split Type AC Rated Cooling Capacity: 14.0kW (47800 BTU/h)								
1.2	3HP Wall Mounted, Inverter, Split Type AC Rated Cooling Capacity: 7.1kW (24200 BTU/h)	10	sets						
1.3	1.5HP Wall Mounted, Inverter, Split Type AC Rated Cooling Capacity: 3.5kW (11900 BTU/h)	2	sets						
	SUB – TOTAL 1.0								
2.0	Supply, Delivery and Installation of Brand New 4.04 standard accessories	TR VR	F/VRV	System complete	with				
2.1	5.3HP ACCU Inverter Type (outdoor unit) Cooling Capacity: 48000 BTU/h (minimum)	1	assy						
2.2	Wall Mounted FCU (indoor unit) Cooling Capacity: 7.1kW (24200BTU/h) (minimum)	1	assy						
2.3	Wall Mounted FCU (indoor unit) Cooling Capacity: 3.6kW (12300BTU/h) (minimum)	2	assy						
	SUB – TOTAL 2.0								
3.0	Supply, Delivery and Installation of Brand New 6.25 standard accessories	TR VR	F/VRV	System complete	with				
3.1	8HP ACCU Inverter Type (outdoor unit) Cooling Capacity: 22.4kW (76500BTU/h) (minimum)	1	assy						
3.2	Wall Mounted FCU (indoor unit) Cooling Capacity: 7.1kW (24200BTU/h) (minimum)	2	assy						
3.3	Wall Mounted FCU (indoor unit) Cooling Capacity: 3.6kW (12300BTU/h) (minimum) 2 assy								
	SUB – TOTAL 3.0								



ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST (Mark Up and VAT Included)	TOTAL COST			
4.0	Miscellaneous and Others for Items 1, 2 & 3							
4.1	Supports, hangers, concrete pad, electrical connections	1	lot					
	SUB – TOTAL 4.0							
5.0	Supply, Delivery and Installation of refrigerant piping and refrigerant piping insulation for VRF/VRV and split type air conditioners							
5.1	 Copper pipes Hard drawn Type L Copper pipe fittings Refnet Branch Piping Pipe insulation Closed Cell Elastomeric (CCE) Rubber Insulation Class 1 x 20mm thick Pipe Hangers and Supports (including saddles if any) Miscellaneous and Consumables 	1	lot					
	SUB – TOTAL 5.0							
6.0	Supply, Delivery and Installation of Brand New Vent accessories	ilation	Equipm	ent complete witl	n standard			
6.1	 Ceiling Cassette Exhaust Fan, 180 CMH x 50Pa 6 units Ceiling Cassette Exhaust Fan, 400 CMH x 150Pa 3 units Wall Mounted Exhaust Fan, 1000 CMH- 1 unit Wall Mounted Exhaust Fan, 200 CMH- 1 unit Wall Mounted Transfer Fan, 250 CMH- 1 unit Centrifugal In-line Fresh Air Fan, 1000 CMH x 150Pa 2 units Air curtain, 2600 CMH- 2 units Oscillating Fan- 2 units Miscellaneous & Others (Support, Pad, Electrical 	1	lot					
	Connections, Etc.)							
	SUB – TOTAL 6.0							
7.0	Supply, Delivery & Installation of Ducting works for	Ventila	ation Sys	stem				
7.1	 G.I. Sheet, Ga. # 24 Fresh Air Louver (FAL) 350 x 350 mm 250 x 150 mm Fresh Air Louver (FAL) with Wire Mesh 800 x 200 mm 	1	lot					

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST (Mark Up and VAT Included)	TOTAL COST
	5. 600 X 150 mm 6. 250 x 250 mm				
	Exhaust Air Grill (EAG) 7. 200 x 200 mm 8. 150 x 150 mm 9. 100 x 100 mm				
	10. Volume Damper 11.150 mm diameter				
	Duct Accessories and Miscellaneous Duct Hangers and Support Duct Sealants, Gasket, Tapes, Adhesives and other necessary consumables				
	SUB – TOTAL 7.0				
8.0	Testing, Commissioning and Hand-over: - Refrigerant Line - Pressure leak test - Leak Test for Ducts - A/C System - Operation test - Ventilation System - Operation test				
	SUB – TOTAL 8.0				
9.0	Other Works: - Incidental Civil Works affected by mechanical installations - LGU Permits - Signed and Sealed As-Built Plan - Temporary Facilities				
	SUB – TOTAL 9.0				
10.0	WARRANTY	FREE			
	TOTAL PROJECT COST				

Note:

- 1. Any bid exceeding the ABC of ₱ **4,283,938.00** shall not be accepted.
- 2. Fill up all required items/field in the bid breakdown. Failure to indicate any of the following shall mean outright disqualification since bid is considered Non-Responsive.
 - If the item is given for free, indicate dash (-), zero (0) or free
 - If the item is not applicable, indicate N/A
- 3. Please use the softcopy of the Bid Breakdown provided to the bidders.

- 4. All documents shall be signed, and each and every page thereof shall be initialed, by the duly authorized representative/s of the Bidder.
- 5. Bid proposal must be inclusive of all applicable taxes.
- 6. Warranty requirement is at no cost to SSS.

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



Formula in the Computation of NFCC

Lot 1: Equipment for the Air-Conditioning and Ventilation System for the Proposed Manila Branch (Re-Advertisement)

	<u> </u>	cts including Award			
YEAR	Cl	URRENT ASSETS		CURRENT L	LIABILITIES
TOTAL	nding Wo	rks under On-going	Contr	nots:	
CONTRA DESCRIP	CT	TOTAL CONTRACT AMOUNT AT AWARD	PER PI	ACENTAGE OF ANNED AND ACTUAL OMPLISHMENT	ESTIMATED COMPLETION TIME
ТОТА	L				
Use additional sl FORMULA: 15 (neet/s, if ne	cessary us Current Liabilitie) – s minu	s Total Outstan Works	ding = NFC
Use additional sl FORMULA: 15 (neet/s, if ne				ding = NFC

Formula in the Computation of NFCC

Lot 2: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Laoag Branch (Re-Advertisement)

		NAME OF I	PROJE	Ų1	
		NAME OF Control of the NAME of Control of	s) – Val	lue of All Outstandi	
YEAR	CU	URRENT ASSETS		CURRENT L	IABILITIES
TOTAL					
Value of Outstar	nding Wo	rks under On-going	Contr	acts:	
CONTRA DESCRIPT		TOTAL CONTRACT AMOUNT AT AWARD	PI	CENTAGE OF ANNED AND ACTUAL OMPLISHMENT	ESTIMATED COMPLETION TIME
TOTAI					
Use additional sh	eet/s, if ne	cessary			
FORMULA: 15 (Current As	 sets min	us Current Liabilitie) – s minu	s Total Outstan Works	ding = NFC
		PNFC	CC		
Prepared and Sub	omitted by:				
Signature over Pr	inted Nam				

(Name of Bank)

COMMITTED LINE OF CREDIT CERTIFICATE

Date	
Social Security System (SS SSS Main Building, East Av Diliman, Quezon City	
CONTRACT PROJECT COMPANY/FIRM ADDRESS BANK/FINANCING INSTITUTION ADDRESS AMOUNT	
above, commits to provide t mentioned Contract, a credi	at the above Bank/Financing Institution with business address indicated the (Supplier/Distributor/Manufacturer/Contractor), if awarded the above it line in the amount specified above which shall be exclusively used to f the above-mentioned contract subject to our terms, conditions and
(Supplier/Distributor/Manuf	all be available within fifteen (15) calendar days after receipt by the acturer/Contractor) of the Notice of Award and such line of credit shall be Certificate of Acceptance by the Social Security System.
of Procuring Entity) for the by us make us liable for perj	acturer/Contractor) in connection with the bidding requirement of (Name above-mentioned Contract. We are aware that any false statements issued ury. e of credit cannot be terminated or cancelled without the prior written
Name and Signature of Auth	norized Financing Institution Office
Office Designation	
Concurred by:	
Name & Signature of (Suppl	lier/Distributor/Manufacturer/Contractor) Authorized Representative
Official Designation	
Philippines, Affiant exhibite	DRN TO BEFORE ME this day of at ed to me his/her competent Evidence of Identity (as defines by the 2004 issued on at, Philippines.
	NOTARY PUBLIC
Doc No. : Page No. : Book No. : Series of : (Note: The amount commit	- -

FORM-05

STATEMENT OF ON-GOING GOVERNMENT AND PRIVATE CONTRACTS

NAME OF CONTRACT	DATE OF CONTRACT	CONTRACT DURATION	OWNER'S NAME, ADDRESS, CONTACT NUMBERS AND E- MAIL ADDRESS	KINDS OF GOODS	AMOUNT OF CONTRACT	VALUE OF OUTSTANDING CONTRACT	REMARKS (Indicate "With NDA" or "Without NDA")

NOTE: INCLUDING PROJECTS WITH NON-DISCLOSURE AGREEMENT (NDA)



STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO THE PROJECT TO BE BID EQUIVALENT TO AT LEAST 50% OF THE ABC WITH ATTACHED CERTIFICATE OF FINAL COMPLETION

Lot 1: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Manila Branch (Re-Advertisement)

NAME OF CONTRACT	CONTRACT TERM	AMOUNT OF CONTRACT	CONTACT PERSON, CONTACT NO., ADDRESS, AND EMAIL ADDRESS

NOTE: SLCC SHOULD BE PROJECTS WITHOUT NON-DISCLOSURE AGREEMENT (NDA)

FORM-06-A

STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO THE PROJECT TO BE BID EQUIVALENT TO AT LEAST 50% OF THE ABC WITH ATTACHED CERTIFICATE OF FINAL COMPLETION

Lot 2: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Laoag Branch (Re-Advertisement)

NAME OF CONTRACT	CONTRACT TERM	AMOUNT OF CONTRACT	CONTACT PERSON, CONTACT NO., ADDRESS, AND EMAIL ADDRESS

NOTE: SLCC SHOULD BE PROJECTS WITHOUT NON-DISCLOSURE AGREEMENT (NDA)

Bid Securing Declaration Form

Lot 1: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Manila Branch (Re-Advertisement)

REPUBLIC OF THE PHILIPPINES) CITY C)F
) S.S.	

BID SECURING DECLARATION

Project Identification No.: [Insert number]

To: SOCIAL SECURITY SYSTEM

I/We, the undersigned, declare that:

- 1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
- 2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
- 3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request:
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this _____ day of [month] [year] at [place of execution].

[Insert NAME OF BIDDER OR ITS AUTHORIZED

REPRESENTATIVE]

[Insert signatory's legal capacity] Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

GPPB Resolution No. 16-2020, dated 16 September 2020

Bid Securing Declaration Form

Lot 2: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Laoag Branch (Re-Advertisement)

REPUBLIC OF THE PHILIPPINES) CITY OF	
) S.S.	

BID SECURING DECLARATION

Project Identification No.: [Insert number]

To: SOCIAL SECURITY SYSTEM

I/We, the undersigned, declare that:

- 1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
- 2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
- 3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request:
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this _____ day of [month] [year] at [place of execution].

[Insert NAME OF BIDDER OR ITS AUTHORIZED

REPRESENTATIVE]

[Insert signatory's legal capacity] Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

GPPB Resolution No. 16-2020, dated 16 September 2020

Contract Agreement Form for the Procurement of Goods (Revised)

[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]

CONTRACT AGREEMENT

Supply, Delivery and Installation of Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Manila and SSS Laoag Branches

(Re-Advertisement)

ITB-SSS-Goods-2024-

THIS AGREEMENT made between:

SOCIAL SECURITY SYSTEM, a government-owned and controlled corporation created pursuant to Republic Act No. 11199, with principal office address at SSS Building, East Avenue, Diliman, Quezon City, represented herein by its Approving Authority and (Position of Approving Authority), (Name of Approving Authority) and (Position of Signatory), (Name of signatory), duly authorized pursuant to Administrative Order pursuant, (pertaining to Approving Authority) (Annex
"A") and Office Order, (Annex "B") (pertaining to signatories), hereinafter referred to as the "SSS";
- a n d —
(NAME OF SUPPLIER), of legal age, Filipino, single/married, with principal address at, hereinafter referred to as the "Supplier".
If corporation
(NAME OF SUPPLIER), a corporation duly created and existing pursuant to the laws of the Republic of the Philippines, with principal office address at

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [brief description of goods and services] (PROJECT) and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of [contract price in words and figures in specified currency] (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

- 2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, *viz.*:
 - a. Philippine Bidding Documents (PBDs);
 - i. Schedule of Requirements;
 - ii. Technical Specifications;
 - iii. General and Special Conditions of Contract; and
 - iv. Supplemental or Bid Bulletins, if any
 - b. Supplier's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

- c. Performance Security;
- d. Notice of Award of Contract; and the Bidder's conforme thereto; and
- e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.
- 3. In consideration for the sum of [total contract price in words and figures] or such other sums as may be ascertained, [Named of the bidder] agrees to [state the object of the contract] in accordance with his/her/its Bid.
- 4. SSS agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the date and place indicated in their respective acknowledgments.

[Insert Name and Signature]	[Insert Name and Signature]
[Insert Position of Signatory]	[Insert Position of Signatory]
for:	for:
SSS	[Insert Name of Supplier]



(In case of double acknowledgment which is usually used by the SSS)

	SIGNED IN THE PRESENCE OF:	
(Name of Certifying officer (Position of Certifying Officer	• · · · · · · · · · · · · · · · · · · ·	
(Department/Office of Certi	fying Officer)	
FUNDS AVAILABLE:		
APP No.:		
	FIRST ACKNOWLEDGMENT	
Republic of the Philippines		
	,	
BEFORE ME, a Nota	ary Public for and in, Pl personally appeared:	nilippines, on this
Name	Competent Evidence of Identity	Date/Place of Issue
() pages, acknowledged to me that the	ne person who executed the foregoing including this page and excluding e same is his/her/their free and voluntand deed of the principal he/she /they repart	annexes, and he/she/they ary act and deed as well as
WITNESS MY HAN	ND AND SEAL on the date and place fi	rst above written.
Doc. No; Page No; Book No; Series of 20		



SIGNED IN THE PRESENCE OF:

	SECOND ACKNOWLEDGMENT	
Republic of the Philippines		
BEFORE ME, a No	tary Public for and in, Ph, Ph, personally appeared:	ilippines, on this
Name	Competent Evidence of Identity	Date/Place of Issue
() pages, acknowledged to me that corporation to include succ principal he/she/they repres	me person who executed the foregoing including this page and excluding a the same is his/her/their free and voleeding phrase) as well as the free and voleent/s in this instance. ND AND SEAL on the date and place fin	nnexes, and he/she/they luntary act and deed (if untary act and deed of the
Doc. No; Page No; Book No; Series of 20	ND AND SEAL on the date and place in	est above written.

GPPB Resolution No. 16-2020, dated 16 September 2020

Omnibus Sworn Statement (Revised)

REPUBLIC OF THE PHILIPPIN	NES)		
CITY/MUNICIPALITY OF) S.S.		

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. Select one, delete the other:

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. Select one, delete the other:

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for EQUIPMENT FOR THE AIR – CONDITIONING AND VENTILATION SYSTEM FOR THE PROPOSED SSS MANILA AND SSS LAOAG BRANCHES (RE-ADVERTISEMENT) of the SOCIAL SECURITY SYSTEM as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for EQUIPMENT FOR THE AIR – CONDITIONING AND VENTILATION SYSTEM FOR THE PROPOSED SSS MANILA AND SSS LAOAG BRANCHES (RE-ADVERTISEMENT) of the SOCIAL SECURITY SYSTEM, as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. Select one, delete the rest:

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, Procurement Agent if engaged, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, Procurement Agent if engaged, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, Procurement Agent if engaged, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a) Carefully examining all of the Bidding Documents;
 - b) Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract:
 - c) Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d) Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *EQUIPMENT FOR THE*AIR CONDITIONING AND VENTILATION SYSTEM FOR THE PROPOSED SSS

 MANILA AND SSS LAOAG BRANCHES (RE-ADVERTISEMENT).
- 9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
- 10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s.1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF,	I have hereunto set my hand this	day of _	, 20	at	
Philippines.					

[Insert NAME OF BIDDER OR ITS AUTHORIZED

REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

GPPB Resolution No. 16-2020, dated 16 September 2020

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REPUBLIC OF THE PHILIPPINES] **NAME OF CITY**] S.S

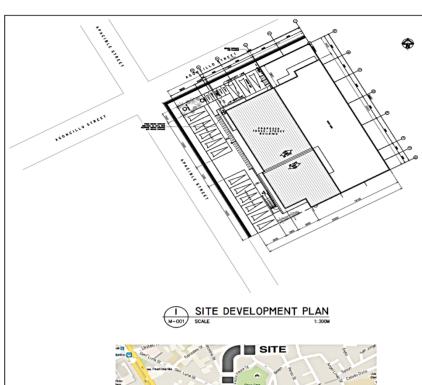
SECRETARY'S CERTIFICATE

I, <NAME OF CORPORATE SECRETARY>, of legal age, <Civil Status>, Filipino citizen and with business at <Company Address>, after being duly sworn, hereby depose and state that:

- 1. I am the Corporate Secretary of **<COMPANY NAME>**, a Corporation duly organized and existing under and by virtue of the laws of the Philippines, with principal office at **<Office Address>**.
- 2. As the Corporate Secretary, I have custody and access to the records of the Corporation.
- 3. I am familiar with the facts herein certified and duly authorized to certify the same.
- 4. I hereby certify that during a regular meeting of the Board of Directors of the Corporation held on **Date of Meeting**, at which meeting a quorum was present, the following Resolution/s was/were unanimously passed, approved and adopted:
 - a) RESOLVED that <COMPANY NAME>, authorized and empowered the following to participate in the bidding for the EQUIPMENT FOR THE AIR CONDITIONING AND VENTILATION SYSTEM FOR THE PROPOSED SSS MANILA AND SSS LAOAG BRANCHES (READVERTISEMENT) of the SOCIAL SECURITY SYSTEM:

			(ANILA AND SSS LAO (7) of the SOCIAL SECU		
	NA 1. 2.	AME	POSITION/DESIGNA	ATION	SIGNATURE
b)		power a	THER that, if awarded to authority to enter into EM:		_
	NA	ME	POSITION/DESIGNA	ATION	SIGNATURE
	1. 2.				
	Corporation and/or to repmight do if psaid representations	has/hav present t personal ntative/s	THERMORE that, the of the full power to perform the Corporation as fully a ly present, and hereby says shall lawfully do or cause have hereunto set my har	orm any and a and effectively atisfying and use to be done	Il acts necessary y as the Corporation confirming all the by virtue hereof.
			NAME & SIG	NATURE of	Corporate Secretary
SUBSO affiant having of place issued if	exhibited to m	SWORN ne his/he	to before me this der <government i<="" issued="" th=""><td>ay of D and details</td><td>_ at <u><city></city></u>, [issued by, date and</td></government>	ay of D and details	_ at <u><city></city></u> , [issued by, date and
Doc No Page No Book No Series of					

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M-001 SCALE

GENERAL NOTES:

- CONTRACT ACCEPTANT SHALL BE FUNDED WITHOUT BOUNDARY SHOULD FEED TO SHOW ALL POSSIBLE CONDITIONS. (DO NOT SCALE FOR EQUIPMENT, DEVICE OR MATERIAL LOCATION), IT IS INTENDED THAT A COMPLETE HAM SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPLIETIMANCE, AND CONTROLS, COMPLETELY COORDINATED WITH ALL DESCRIPTIES, DOCUMENTS STRICTLY CONFORMED OF THE ALL DESCRIPTIONS. DOCUMENTS STRICTLY CONFORM CONFIDER CONFISCE CORPS. STRICTLY CONFORM CONFIDER CORPS. STRICTLY CONFIDER CORPS. AND THESE CONFIDER CASEFULLY REVIEW ALL CONTROLT COOLUMENTS AND THE ESSON OF OTHER TRADES BEFORE PREPARING SHET METAL AND PIPPIG SHOP DOWNINGS. EACH TRADE SHALL PREPARE ITS OWN FABRICTATION AND INSTALLATION DRAWNINGS FOR COORDINATION WITH ALL DIFFER DISCIPLINES.
- ALL DUCT DIMENSIONS INDICATED ARE INSIDE CLEAR DIMENSIONS IN MM., EXCLUDING INTERNAL LINING & EXTERNAL INSULATION THICKNESS, UNLESS OTHERWISE INDICATED.
- 3. UNLESS OTHERWISE NOTED, THE FREE AREA OF ALL EXTERNAL LOUVERS SHALL BE A MINIMUM OF 50% OF GROSS AREA.
- VOLUME CONTROL/ SPLITTER DAMPER SHALL BE PROVIDED FOR SUPPLY AND RETURN AIR DUCT AT EACH BRANCH, WHETHER SHOWN OR NOT SHOWN ON PLANS.
- IN ADDITION TO THOSE SHOWN ON THE DRAWINGS THE CONTRACTOR SHALL SUPPLY AND INSTALL FIRE DAMPERS FOR AIR DUCTS PASSING THROUGH ALL FIRE RATED WALLS / SLABS IN ORDER TO FULFILL THE REQUIREMENTS OF LOCAL AUTHORITY. ALSO REFER TO FIRE LIFE SAFETY PHOEMS.
- 6. ALL AIR CRILLES / LOUVERS SHALL BE MADE OF ALUMINUM UNLESS OTHERWISE SPECIFIED. THE COLOR & SURFACE FINISHING OF THE CRILLES / LOUVERS SHALL BE SUBMITTED TO APCHITECT FOR APPROVAL BEFORE MATERIAL ORDERING. UNLESS OTHERWISE SPECIFIED, COLOR FINISH SHALL BE IN BARCD ENAMEL PAINT.
- ALL ANTI-VIBRATION MOUNTS FOR EQUIPMENT AND PIPE WORK SHALL BE OF SEISMIC SPRING TYPE UNLESS OTHERWISE SHOWN ON DRAWINGS.
- B. FOR PPGS, SEPENS AND DUCTS THROUGH FIRE BARRER. THE CAP BETWEEN THE PPGS AND ITS
 SLEEVS. AND THE CAP BETWEEN THE DUCTS AND FIRE BARRERS MUST BE FIRMLY SEALD WITH
 FIRESTOP MATERIALS HAWING A PERIOD OF FIRE RESISTANCE EQUAL TO THE FIRE BARRERS,
 DETAILS OF DUCTS AND PIPES THROUGH WALL AND FLOOR SHALL COMPLY WITH U.L. STANDARD
 AND REQUIREMENTS.
- 9. ALL DUCT ELBOWS MUST BE FITTED WITH TURNING VANES TO SMACNA STANDARD.
- 10. SIZE OF GRILLES, LOUVERS OR DIFFUSERS SHOWN ARE NECK SIZE UNLESS OTHERWISE SPECIFIED.
- ALL GRILLES AND DIFFUSERS SHALL BE INSTALLED WITH INTEGRAL OPPOSED BLADE VOLUME CONTROL DAMPERS OPERABLE FROM THE GRILLE/DIFFUSER FACE.
- IN THE ABSENCE OF ANY OTHER REQUIREMENT NOT FOUND IN THE PSME CODE, THE MATERIALS, CONSTRUCTION AND INSTALLATION OF THE DUCTWORKS SHALL COMPLY WITH THE REQUIREMENT, OF SMACHA OR ASHEAR STANDARDS.
- ALL EQUIPMENT, DUCTWORKS AND OTHER ACCESSORIES INSTALLED OUTDOOR SHALL BE WEATHERPROPED AND PROTECTED WITH ALLWINNIM CLADDING.
- 14. COORDINATE AND RECET OR ARCHITECTURAL CELLING PLANS AND FINAL FF & E LAYOUT FOR EXACT LOCATION OF ALL CELLING MOUNTED ARE DISTRIBUTION DEVICES. COORDINATE EXACT LOCATION OF SLOTS, GRILLES, REGISTERS, AND DIFFURES WITH ARCHITECTURAL REFLICTED CELLING PLANS. IF A PARTICULAR ITEM IS NOT SHOWN ON THE ARCHITECTURAL REFLICTED CELLING PLAN, PREPARE A DRAWING AND PRESENT IT TO THE ARCHITECT FOR HIS REVIEW AND/OR APPROVAL
- 15. MAINTAIN DUCTWORK LEVEL AND AS HIGH AS POSSIBLE UNLESS OTHERWISE NOTED. TRANSITION RECTAGULAR DUCTWORK ON THE TOP AND THE SIDES. ALL DUCT TRANSITIONS FROM SQUARE TO ROUND SHALL BE SUDON'T SQUARE TO ROUND TRANSITIONS. SPIN-IN FITTINGS AT THE END OF CAPPED DUCTS ARE NOT ACCEPTABLE.
- 16. ALL OPEN ENDED DUCTS SHALL BE BELLMOUTHED, SCREENED AND REINFORCED WITH 37.5mm x 37.5mm x 3.5mm GALVANIZED STELL ANDLES BOLIED, SCREWED OR RIVETED 150mm ON CENTER (MAXIMUM) ALL AROUND THE EXTERIOR PERMIETER OF THE DUCT.
- 17. MOUNT THERMOSTATS, WHERE INDICATED ON PLANS AT 1500mm AFF UNLESS OTHERWISE NOTED. SEE THE ARCHITECTURAL AND INTERIOR DRAWINGS AS WELL AS THE MECHANICAL DRAWINGS FOR THE COORDINATED LOCATIONS, WHERE THERE IS A CONFLICT OF LOCATIONS AMONG THE DRAWINGS, NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
- 18. ALL DIFFUSERS INSTALLED IN LAY-IN CEILINGS SHALL BE 4-WAY BLOW UNLESS OTHERWISE NOTED. ADJUST ALL DIFFUSERS IN CORRIDORS OR WITHIN 900mm OF A WALL TO PROVIDE 2-WAY OR 3-WAY BLOW WAY FROM OR PAPALLEL TO WALLS.
- ALL WIRING IN THE CEILING PLENUM SHALL BE PLENUM-RATED CABLE PER NFPA-70 OR BE INSTALLED IN METAL CONDUIT.
- ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES LOCATED IN INACCESSIBLE CEILINGS SHALL HAVE FACE OPERABLE DAMPERS TO ALLOW AIR BALANCING OF THE SYSTEM AFTER THE CEILING IS IN PLACE.
- 21. INSULATE ALL SUPPLY AND RETURN AIR DUCTWORK.
- 22. ALL TERMINAL UNITS, FOU'S, VALVES, FANS AND DAMPERS ABOVE CEILING SHALL BE ACCESSIBLE. COORDINATE ALL ACCESS PANELS IN CELLINGS OR WALLS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND INTERIOR DRAWINGS FOR PROPER LOCATION. NO ACCESS PANELS ARE ALLOWED IN PUBLIC SPACES WITHOUT PRIOR WRITTEN APPROVAL OF THE
- THE FRESH AIR DUCT (BRANCH DUCT) SERVING EACH FAN COIL UNIT SHALL BE PROVIDED WITH VOLUME DAMPER WHETHER SHOWN OR NOT SHOWN ON DRAWINGS.
- WITH VOLUME DAMPER WHETHER SHOWN OR NOT SHOWN ON DRAWINGS.

 A AFTER SUBMITTAL APPROADS AND PRIOR TO GOBERING OF ANY DOLUMENT OR ACCESSORIES, OR BEFORE FABRICATION AND/OR ASSEMBLY OF PIPING, DUCTS AND ANY POPURES/COMPONENTS. THE CONTRACTOR SHALL ENSURE THAT EXPERTIMENT AND EAST OF CONTRACTOR WITH ALL THE OTHER DISCIPLINES AS TO CONSTRUCTIONED WITH ALL THE OTHER DISCIPLINES AS TO CONSTRUCTIONED WITH ALL THE COUPLINES AND UTULINES. IF FOR ANY REASON, CONFLICT ARISE DUE TO CONTRACTOR'S FALURE TO FOLLOW THE ABOVE OR HIS LOCK OF DUE DILICIPLES, ALL WORKS AS RECESSTRATED SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT ADDITIONAL COST CHANGE ORDER.

 25. IN GORDER, REPER TO INSCONMENCE PLANS FOR QUANTITY AC & VENTILATION GRILLES AND ANY FOR LOCATION OF UTULINES.
- 26. DUCT CUTS WITH CANVASS OR ANY RESILIENT MATERIAL SUCH AS RUBBER, MUST BE PROVIDED ESPECIALLY IN AREAS WHERE WALLS OR CEILING ARE ISOLATED FROM THE REST OF MAIN BUILDING STRUCTURE.
- ALL SUSPENDED AND FLOOR MOUNTED PIPES AND EQUIPMENTS SHALL BE PROVIDED WITH PROPER ISOLATORS AS RECOMMENDED BY ASHRAE (TABLE 42 & CHAPTER 47 2003 ASHRAE HANDBOOK).

- 28. ALL DUCT WORKS IN AREAS WITH SUSPENDED CEILING SHALL RUN IN THE CEILING VOID UNLESS OTHERWISE NOTED.
- 29. MATERIAL SPECIFICATIONS ARE AS FOLLOWS: (PLEASE REFER TO TECHNICAL SPECIFICATIONS) g. DUCT INSULATION
 - i. INTERNAL (ALL SUPPLY AND RETURN AC DUCTS; 3.0 METERS UPSTREAM & DOWNSTREAM OF FANS)
 - 25mm THICK FIBERGLASS INSULATION, 48 kg/M³ DENSITY, MATTE FACE WITH ANTI-MICROBIAL TREATMENT.
 - ii. EXTERNAL (ALL SUPPLY / RETURN AC DUCTS; EXHAUST DUCTS)
 - POLY OLEFIN FOAM (THERMOBREAK OR XCELLON 19/ 25mm THICK)
 - b. GALVANIZED SHEET SCHEDULE HOT DIPPED GALVANIZED STEEL SHEET CONFORMING TO SMACHA, ("APO GALFAN" BRAND). DUCT SCHEDULE SHOWN BELOW IS REPRESENTATIVE ONLY.

LARGER DUCT DIMENSION (mm)	U.S. Ga#
UP TO 300	26
325 TO 750	22
775 TO 1350	22
1375 TO 2100	20
ABOVE 2100	18

- c. FIRE DAMPER U.L. LISTED FOR 2-HOUR FIRE RATING, CURTAIN TYPE.
- d. DUCT SEALANT FIRE RESISTIVE, WATER BASED CONFORMING TO U.L. 181B "FOSTER" DUCT FAST OR FOUAL.

DRAWING IND	EX
M-001	SITE DEVELOPMENT PLAN, VICINITY MAP, GENERAL NOTES, DRAWING INDEX, ABBREVIATIONS, LEGEND & SYMBOLS,
M-002	EQUIPMENT SCHEDULE
M-003	EQUIPMENT SCHEDULE
M-004	EQUIPMENT SCHEDULE
M-005	GROUND FLOOR A/C & VENTILATION LAYOUT
M-006	SECOND FLOOR A/C & VENTILATION LAYOUT
M-007	ROOF DECK A/C & VENTILATION LAYOUT
M-008	MISCELLANEOUS DETAILS
M-009	MISCELLANEOUS DETAILS

LEGEND	& SYMBOLS		
SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	AIR COOLED CONDENSING UNIT	×	SUPPLY AIR GRILLE
\sqsubseteq	FAN COIL UNIT (WALL MOUNTED)	T	THERMOSTAT/WALL MOUNTED
ini	IN-LINE AXIAL FRESH AIR FAN		KILOWATT
	FAN COIL UNIT (FLOOR STANDING)	\ominus	EQUIPMENT DESIGNATION
	CEILING CASSETTE EXHAUST AIR FAN		REFRIGERANT PIPES
3 b	WALL MOUNTED EXHAUST AIR FAN	+-+	PIPE DOWN

ABBREV	DESCRIPTION	ABBREV	DESCRIPTION					
BD/BDD	BACK DRAFT DAMPER	FCU	FAN COIL UNIT					
CDP	CONDENSATE DRAIN PIPE	HP	HORSE POWER					
CU	CONDENSING UNITS	KW	KILOWATT					
CDS	CONDENSATE DRAIN STACK	I/s / LPS	LITERS PER SECOND					
EA	EXHAUST AIR	Pa	PASCAL					
EF	EXHAUST FAN	RP	REFRIGERANT PIPE					
ESP	EXTERNAL STATIC PRESSURE	T/A	TO ABOVE					
F/A	FROM ABOVE	T/B	TO BELOW					
F/B	FROM BELOW	TEF	TOILET EXHAUST FAN					
FAD	FRESH AIR DUCT	w	WATTS					
VD	VOLUME DAMPER	FD	FIRE DAMPER					
SAG	SUPPLY AIR GRILLE							

	CERTIFI
<u> </u>	
CONSULTING INC	.
Engineering + Managemen	T PROF
2F LTA Bailding 118 Perce Street, Legaspi Village, 1229 Maketi City, Philippines Tel. Nos.: e83 2 8933827 Fax No.: e83 2 8933829 Email: accomsulting@soc.com.ph Website: www.soc.com.ph	

STIFIED BY		OWNER	
	REG. NO.: 4659	SOCIAL SECURITY SYSTEM	
	TIN NO. : 105-691-252	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY	
ROLANDO M. MANAOAT	PTR NO.: 7371938		
ROFESSIONAL MECHANICAL ENGINEER	DATE : JANUARY 21, 2019	APPROVED BY: WR. JOSE P. BAUTISTA	
	PLACE : MAKATI CITY	SVP NCR OPERATIONS GROUP	

PROPOSED THREE -STOREY SSS GENERAL NOTES, DRAWING INDEX, ABB BUILDING

APACIBLE CORNER F. AGONCILLO STREET, ERMITA, MALATE, MANILA

PROJECT TITLE/LOCATION

SHEET CONTENTS	CADD	DATE	NO.	REVISIONS	CHIK	DATE	PAPER SIZE	SHEET NO.
SITE DEVELOPMENT PLAN, VICINITY MAP,	MCB	AUG 2019					20X30	M-001
GENERAL NOTES, DRAWING INDEX, ABBREVIATION,	DESIGNED	DATE					20/30	IVI-UU I
LEGEND & SYMBOLS	JMA	AUG 2019					SCALE	PROJECT NO.
	APPROVED	DATE					AS SHOWN	SO-G-15-010
	RMM	AUG 2019	0				AS SHOWN	SO-G-15-010



IR CONDITIONII	NG EQUIPME	NT SCHEDULE (VRV)																					
				AIR COOL	ED CONDENSING UN	IIT									FAN C	OILUNIT							
MARK	QTY	LOCATION	CAPACITY KW (TR)	COMPRESSOR TYPE	REFRIGERANT	REFRIGE	RANT PIPE RLL	ELECT KW INPUT	RICAL DATA V/PH/HZ	REMARKS	MARK	QTY	LOCATION	AREA SERVED	CAPACITY KW (TR)	TYPE	ELECTR KWINPUT	ICAL DATA V/PH/HZ	REMARKS				
											FCU 1A	1	GROUND FLOOR	PANTRY	3.7 (1)	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
											FCU 2A	1	GROUND FLOOR	WAITING AREA	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
											FCU 3A	1	GROUND FLOOR	WAITING AREA	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
											FCU 4A	1	GROUND FLOOR	WAITING AREA	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
											FCU 5A	1	GROUND FLOOR	E-CENTER	3.7 (1)	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
											FCU 6A	1	GROUND FLOOR	INFO KIOSK	3.7 (1)	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
											FCU 7A	1	GROUND FLOOR	LOBBY	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
ACCU A	,	ROOF DECK	137 (39)	HERMETICALLYSEALED	R-410A	41.3	19.10	41.5	380/3/60	AIR COOLED CONDENSING UNIT	FCU 8A	1	GROUND FLOOR	P.E. WAITING AREA	7.1 (2)	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
ACCUA		ROOF DECK	137 (39)	SWING TYPE	K-410A	41.3	19.10	41.5	360/3/60	C/W STANDARD ACCESSORIES	FCU 9A	1	SECOND FLOOR	OVP OFFICE	7.1 (2)	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
															FCU 10A	1	SECOND FLOOR	OVP OFFICE	7.1 (2)	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT COMPLETE WIT STANDARD ACCESSORIES.
												FCU 11A	1	SECOND FLOOR	OVP OFFICE	7.1 (2)	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.			
											FCU 12A	1	SECOND FLOOR	CONFERENCE ROOM 1	7.1 (2)	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
											FCU 13A	1	SECOND FLOOR	PANTRY	3.7 (1)	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
											FCU 14A	1	SECOND FLOOR	CONFERENCE ROOM 2	3.7 (1)	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT COMPLETE WIT STANDARD ACCESSORIES.				
											FCU 15A	1	SECOND FLOOR	ASSISTANT BRANCH HEAD	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.				
											FCU 16A	1	SECOND FLOOR	WAITING AREA	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WIT STANDARD ACCESSORIES.				



CERTIFIED BY	OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CADD	DATE	NO.	REVISIONS C	ik DA	TE PAPER SIZE	SHEET NO.
REG. NO.: 4659	SOCIAL SECURITY SYSTEM		EQUIPMENT SCHEDULE	MCB	AUG 2019				20X30	M-002
CONSULTING INC.	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY	PROPOSED THREE -STOREY SSS		DESIGNED	DATE				20/30	WI-002
Engineering + Management ROLANDO M. MANAOAT PTR NO.: 7371938		BUILDING		JMA	AUG 2019				SCALE	PROJECT NO.
	APPROVED BY: MR. JOSE P. BAUTISTA	55.2515		APPROVED	DATE				40.000000	00 0 45 040
Tri lino: 483 2 8938927 Fer No: 483 2 8938929 Email: ecoconsulting@sco.com.ph Website: www.eco.com.ph	SVP NCR OPERATIONS GROUP	APACIBLE CORNER F. AGONCILLO STREET, ERMITA, MALATE, MANILA		RMM	AUG 2019	0			AS SHOWN	SO-G-15-010



IR CONDITIONIP	NG EQUIPME	NT SCHEDULE (VRV)																										
				AIR COOL	ED CONDENSING UN	IT									FAN (OILUNIT												
MARK	QTY	LOCATION	CAPACITY	COMPRESSOR TYPE	REFRIGERANT		RANT PIPE		RICAL DATA	REMARKS	MARK	QTY	LOCATION	AREA SERVED CAPACITY		TYPE		ICAL DATA	REMARKS									
mann.	Q.,	LOCATION	KW (TR)	COMPRESSORTIFE	KEFRIGERARI	RGL	RLL	KW INPUT	V/PH/HZ	neward.	marin.	ų.,	LOCATION	ANCA SCREED	KW (TR)		KW INPUT	V/PH/HZ	neitzinis									
											FCU 1B	1	GROUND FLOOR	MSS BACKROOM	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.									
											FCU 2B	1	GROUND FLOOR	MSS BACKROOM	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.									
											FCU 3B	1	GROUND FLOOR	WAITING AREA	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.									
											FCU4B	1	GROUND FLOOR	WAITING AREA	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.									
											FCU 5B	1	GROUND FLOOR	WAITING AREA	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.									
		ROOF DCCK 147 (42) HERMETICALLY SEALED 8-410A 41.3 39.30 46.2 380/3/60				FCU 6B 1 GROUND FLOOR BANK SERVICE PROVIDER 3.7 (1) W/	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.																		
			147 (42)	147 (42)	HERMETICALLYSEALED	HERMETICALLYSEALED	B. 410A				300/3/60	AIR COOLED CONDENSING UNIT	FCU 7B	1	GROUND FLOOR	P.E. CENTER	7.1 (2)	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.							
ACCU B	1	ROOF DECK	147 (42)	SWING TYPE	K-410A	41.3	15.10		380/3/60	C/W STANDARD ACCESSORIES	FCU 8B	1	GROUND FLOOR	PHYSICAL EXAMINATION ROOM	3.7 (1)	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.									
																				FCU 9B	1	SECOND FLOOR	OVP OFFICE	7.1 (2)	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.
																		FCU 10B	1	SECOND FLOOR	OVP OFFICE	7.1 (2)	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.		
											FCU 11B	1	SECOND FLOOR	OVP OFFICE EXPANSION	7.1 (2)	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.									
												FCU 12B	1	SECOND FLOOR	ADMINISTRATIVE OFFICE	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.								
													FCU 13B	1	SECOND FLOOR	AMS SECTION	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.							
											FCU 14B	1	SECOND FLOOR	AMS SECTION	13.5 (4)	FLOOR STANDING	0.48	230/1/60	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.									

AIR CONDITIONIN	NG EQUIPME	NT SCHEDULE (SPLIT	TYPE)																							
				AIR COOL	ED CONDENSING UNI	r									FAN COIL	UNIT			FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES. FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.							
MARK	OTY	LOCATION	CAPACITY	COMPRESSOR TYPE	REFRIGERANT	REFRIGER			RICAL DATA	REMARKS	MARK	QTY	LOCATION	AREA SERVED	CAPACITY	TYPE		ICAL DATA	REMARKS							
	٠	Locarmon	KW (TR)	COMM NESSON TITE	THE THE GET WHAT	RGL	RLL	KW INPUT	V/PH/HZ	TIETTS UTG		4,11	courment	THISTOCKES	KW (TR)	****	KW INPUT	V/PH/HZ	TIETTO TITLO							
ACCU 1	1	ROOF DECK	7 (2)	HERMETICALLY SEALED SWING TYPE	R-410A	15.68	6.35	2.2	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU1	1	GROUND FLOOR	TELLERING SECTION	7 (2)	WALL MOUNTED	-	-								
ACCU 2	1	ROOF DECK	3.52 (1)	HERMETICALLY SEALED SWING TYPE	R-410A	12.7	6.35	1.3	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 2	1	SECOND FLOOR	OFFICE OF THE DIVISION HEAD OAVP	3.52 (1)	WALL MOUNTED	-	-								
ACCU 3	1	ROOF DECK	3.52 (1)	HERMETICALLY SEALED SWING TYPE	R-410A	12.7	6.35	1.3	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 3	1	SECOND FLOOR	OFFICE OF THE BRANCH HEAD	3.52 (1)	WALL MOUNTED	-	-								
ACCU 4	1	ROOF DECK	3.52 (1)	HERMETICALLY SEALED SWING TYPE	R-410A	12.7	6.35	1.3	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU4	1	SECOND FLOOR	LEGAL CLUSTER HEAD	3.52 (1)	WALL MOUNTED	-	-								
ACCU 5	1	ROOF DECK	5.28 (1.5)	HERMETICALLY SEALED SWING TYPE	R-410A	12.7	6.35	1.7	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 5	1	SECOND FLOOR	LEGAL CLUSTER SECTION	5.28 (1.5)	WALL MOUNTED	-	-								
ACCU 6	1	ROOF DECK	5.28 (1.5)	HERMETICALLY SEALED SWING TYPE	R-410A	12.7	6.35	1.7	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 6	1	SECOND FLOOR	LEGAL CLUSTER SECTION	5.28 (1.5)	WALL MOUNTED	-	-								
ACCU 7	1	ROOF DECK	3.52 (1)	HERMETICALLY SEALED SWING TYPE	R-410A	12.7	6.35	1.3	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 7	1	SECOND FLOOR	SERVER ROOM	3.52 (1)	WALL MOUNTED	-	-								
ACCU 8	1	ROOF DECK	3.52 (1)	HERMETICALLY SEALED SWING TYPE	R-410A	12.7	6.35	1.3	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 8	1	SECOND FLOOR	SERVER ROOM	3.52 (1)	WALL MOUNTED	-	-	FAN COIL UNIT COMPLETE WITH STANDARD ACCESSORIES.							



CERTIFIED BY	OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CADD	DATE	NO.	REVISIONS	JHK DATE	PAPER SIZE	SHEET NO.
REG. NO.: 4659	SOCIAL SECURITY SYSTEM		EQUIPMENT SCHEDULE	MCB	AUG 2019				20X30	M-003
CONSULTING INC.	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY	PROPOSED THREE -STOREY SSS		DESIGNED	DATE				20/30	IVI-003
Engineering + Management ROLANDO M. MANAOAT PTR NO.: 7371938		BUILDING		JMA	AUG 2019				SCALE	PROJECT NO.
ISO 9001 Certified PROFESSIONAL MECHANICAL ENGINEER DATE : MANUARY 21, 2019	APPROVED BY: MR. JOSE P. BAUTISTA	55.25		APPROVED	DATE				AC CLICIANI	SO-G-15-010
Tel. No.:	SVP NCR OPERATIONS GROUP	APACIBLE CORNER F. AGONCILLO STREET, ERMITA, MALATE, MANILA		RMM	AUG 2019	0			AS SHOWN	SO-G-15-010



						VI	ENTILATING FANS								
UNIT NO.	QTY	LOCATION	AREA SERVED	TYPE	DRIVE	CAPACITY	TOTAL STATIC PRESSURE		мото	R DATA		RFMARKS			
ONII NO.	ų,	LOCATION	AREA SERVED	TTPE	DRIVE	(CMH)	(Pa)	w	٧	РН	HZ	REMARKS			
EF/1.1	1	GROUND FLOOR	GENSET ROOM	WALL MOUNTED	DIRECT	650	-	30	230	1	60	WALL MOUNTED FAN COMPLETE WITH STANDARD ACCESSORIES			
EF/1.2	1	GROUND FLOOR	ELECTRICAL ROOM	WALL MOUNTED	DIRECT	200	-	30 230 1 60				WALL MOUNTED FAN COMPLETE WITH STANDARD ACCESSORIES			
EF/1.3	2	GROUND FLOOR & ROOF DECK	PUMP ROOM	WALL MOUNTED	DIRECT	250	-	30	230	1	60	WALL MOUNTED FAN COMPLETE WITH STANDARD ACCESSORIES			
EF/1.4	1	GROUND FLOOR	RECORDS ROOM	CEILING CASSETE	DIRECT	400	100	115	230	1	60	CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES			
EF/1.5	1	GROUND FLOOR	SUPPLY ROOM	CEILING CASSETE	DIRECT	200	70	40	230	1	60	CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES			
EF/1.6	1	GROUND FLOOR	UTILITY ROOM	CEILING CASSETE	DIRECT	150	70	40 230 1 60			40 230 1 60 CEIL				CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES
TEF/1.1	1	GROUND FLOOR	EMPLOYEE MALE & FEMALE TOILET	CABINET IN-LINE FAN	DIRECT	450	100	95 230 1 60			95 230 1 60 CABINETIN LINE FAN CO				CABINETIN LINE FAN COMPLETE WITH STANDARD ACCESSORIES
TEF/1.2	1	GROUND FLOOR	PUBLIC MALE & FEMALE TOILET	CABINET IN-LINE FAN	DIRECT	700	100	195 230 1 60 CABINETIN LINE				CABINETIN LINE FAN COMPLETE WITH STANDARD ACCESSORIES			
WF/1	1	GROUND FLOOR	BREAST FEEDING ROOM	WALL MOUNTED	DIRECT	100	-	20	230	1	60	WALL MOUNTED FAN COMPLETE WITH STANDARD ACCESSORIES			
FAF/1.1	1	GROUND FLOOR	WAITING AREA, OFFICES	CABINET IN-LINE FAN	DIRECT	1700	150	790	230	1	60	CABINETIN LINE FAN COMPLETE WITH STANDARD ACCESSORIES			
FAF/1.2	1	GROUND FLOOR	WAITING AREA	CABINET IN-LINE FAN	DIRECT	1700	150	790	230	1	60	CABINETIN LINE FAN COMPLETE WITH STANDARD ACCESSORIES			
TEF/2.1	1	SECOND FLOOR	DIVISION HEAD TOILET	CEILING CASSETE	DIRECT	85	25	30	230	1	60	CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES			
TEF/2.2	1	SECOND FLOOR	PUBLIC MALE & FEMALE TOILET	CABINET IN-LINE FAN	DIRECT	600	100	195	230	1	60	CABINETIN LINE FAN COMPLETE WITH STANDARD ACCESSORIES			
EF/2.1 & 2.2	2	SECOND FLOOR	RECORDS ROOM	CEILING CASSETE	DIRECT	250	100	195	230	1	60	CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES			
EF/2.3	1	SECOND FLOOR	SUPPLY ROOM	CEILING CASSETE	DIRECT	150	70	40	230	1	60	CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES			
EF/2.4	1	SECOND FLOOR	UTILITY ROOM	CEILING CASSETE	DIRECT	85	25	30 230 1				CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES			
FAF/2.1	1	SECOND FLOOR	OVP, LEGAL CLUSTER, ASMIN	CABINET IN-LINE FAN	DIRECT	1200	150	550	230	1	60	CABINETIN LINE FAN COMPLETE WITH STANDARD ACCESSORIES			
FAF/2.2	1	SECOND FLOOR	AMS SECTION	CABINET IN-LINE FAN	DIRECT	600	100	195	230	1	60	CABINETIN LINE FAN COMPLETE WITH STANDARD ACCESSORIES			
EF/3.1	1	THIRD FLOOR	RECORDS ROOM	CABINET IN-LINE FAN	DIRECT	1100	150	400	230	1	60	CABINETIN LINE FAN COMPLETE WITH STANDARD ACCESSORIES			
EF/3.2	1	THIRD FLOOR	RECORDS ROOM	CABINET IN-LINE FAN	DIRECT	1100	150	400	230	1	60	CABINETIN LINE FAN COMPLETE WITH STANDARD ACCESSORIES			

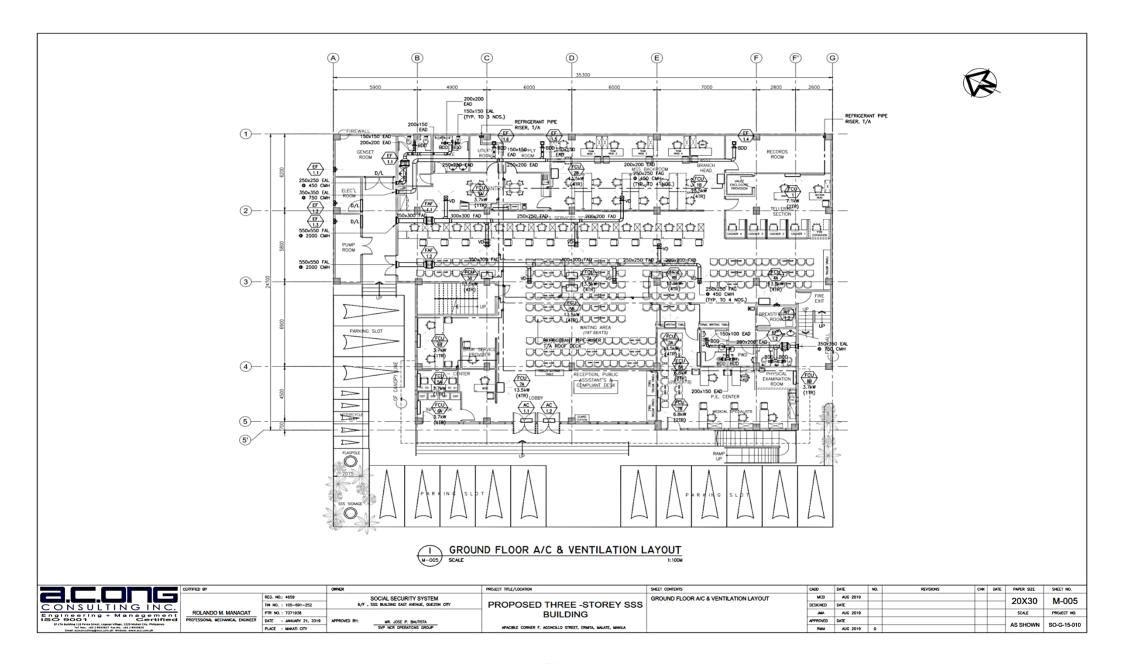
	AIR CURTAIN														
ITEM	UNIT NO.	OTY	LOCATION	TYPE	CAPACITY		MOTOR DATA			DIMENSI	WEIGHT	REMARKS			
HEM	UNIT NO.	QIT	LOCATION	ITPE	(CMH)	w	v	PH	HZ	ON	(KG)	REMARKS			
1	AC/1		MAIN ENTRANCE / EXIT	AMBIENT / NO HEAT	1240 / 2600	650	230		60	1550 x	50	HORIZONTAL MOUNTING AIR CURTAIN COMPLETE WITH STANDARD			
2	AC/2	2	MAIN EN IRANCE / EXIT	AMBIENT / NO HEAT	1240 / 2600	650	230	1	₩	450 x 300	50	ACCESSORIES.			

				AUTO FA	N					
UNIT NO.	QTY.	FLOOR LEVEL	LOCATION	TYPE	RP	М	MOTOR D	ATA		
UNIT NO.	QIT.	FLOOR LEVEL	LOCATION	ITPE	LOW	HIGH	w	٧	PH	HZ
OF/3.1 TO 3.5		THIRD FLOOR	RECORDS ROOM	OSCILLATION FAN	568-694	1089-1331	18.3-22.4 LOW	220	,	60
Ory 5.1 10 3.5	_ ,	THIRD PLOOK	RECORDS ROOM	OSCILLATION PAN	300-094	1005-1331	46.8-57.2 HIGH	220	1	

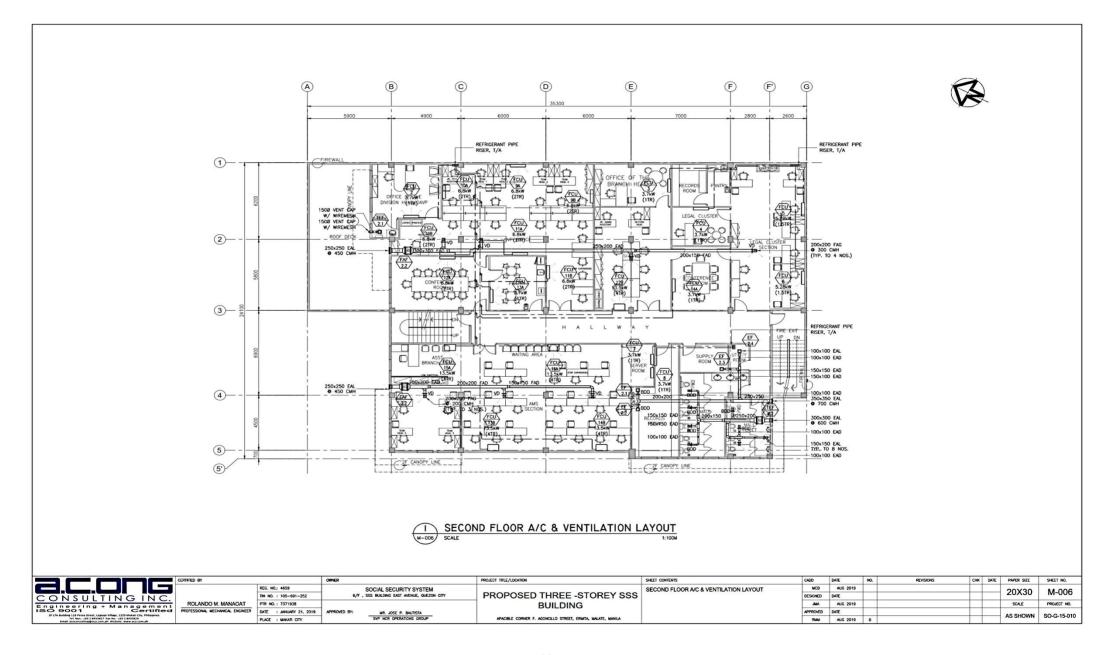


CERTIFIED BY		OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CADD	DATE	NO.	REVISIONS	CHIK DATE	PAPER SIZE	SHEET NO.
	REG. NO.: 4659	SOCIAL SECURITY SYSTEM		EQUIPMENT SCHEDULE	MCB	AUG 2019				20X30	M-004
CONSULTING INC.	TIN NO.: 105-691-252	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY	PROPOSED THREE -STOREY SSS		DESIGNED	DATE				20/30	WI-004
Engineering + Management ROLANDO M. MAN	AT PTR NO.: 7371938		BUILDING		JMA	AUG 2019				SCALE	PROJECT NO.
ISO 9001 Certified PROFESSIONAL MECHANICAL	GINEER DATE : JANUARY 21, 2019	APPROVED BY: MR. JOSE P. BAUTISTA	201221110		APPROVED	DATE				40.01101401	SO-G-15-010
Tel. Nos. 403 293827 Fas No. 403 293827 Fas No. 403 2938279 Email: ecoconsulting@eco.com.ph Website: www.eco.com.ph	PLACE : MAKATI CITY	SVP NCR OPERATIONS GROUP	APACIBLE CORNER F. AGONCILLO STREET, ERMITA, MALATE, MANILA		RMM	AUG 2019	0			AS SHOWN	3U-G-15-010

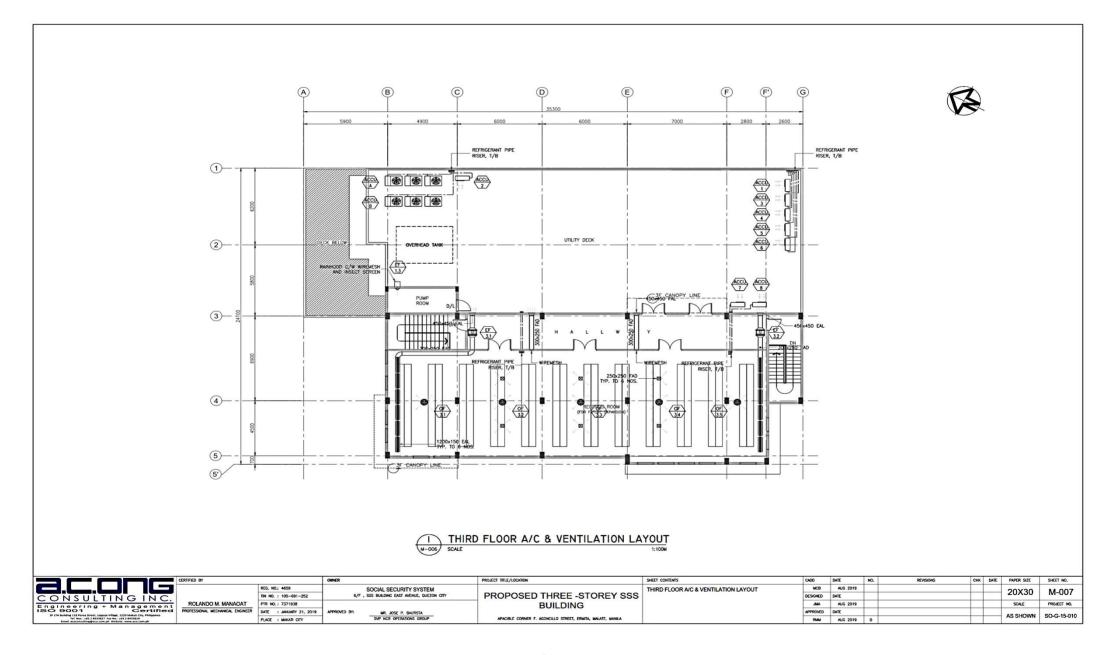




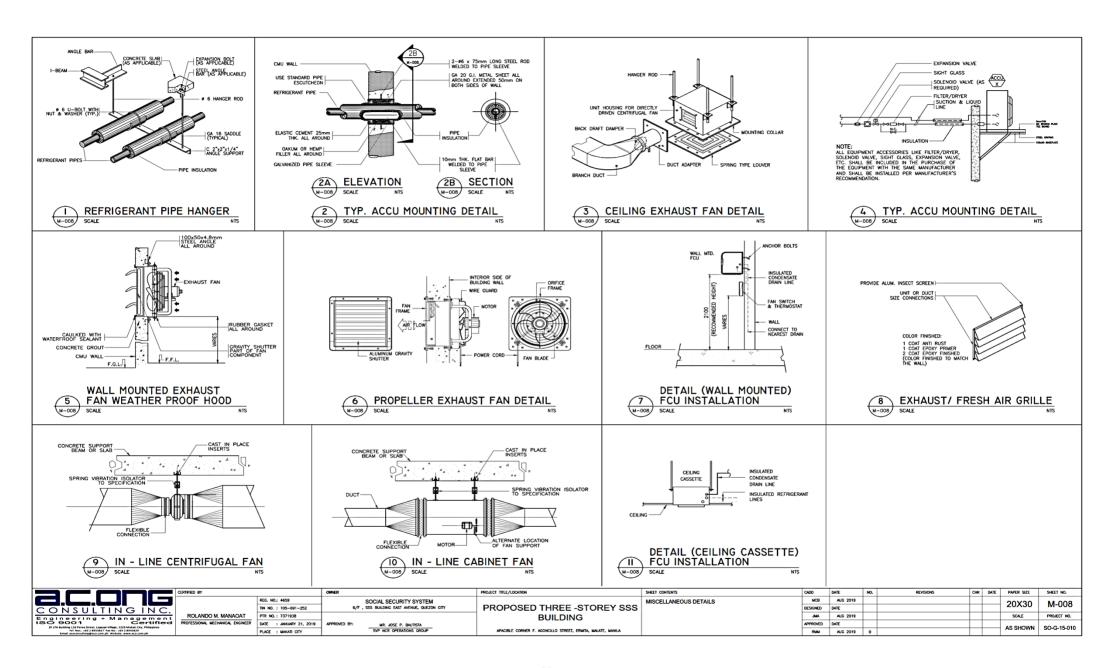




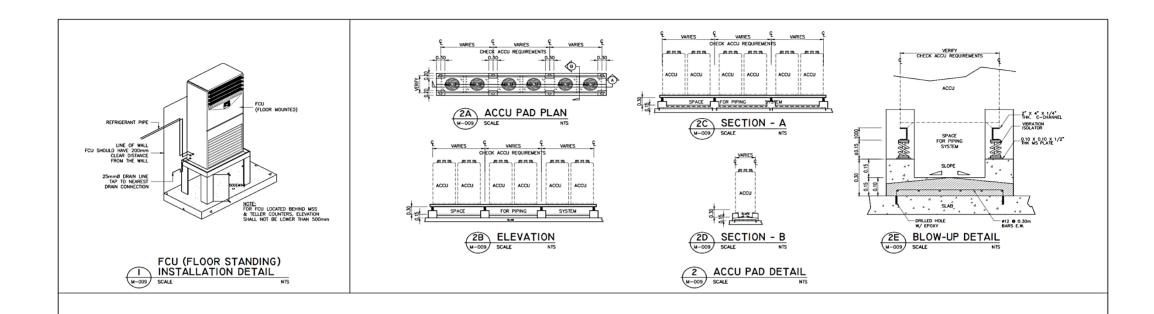






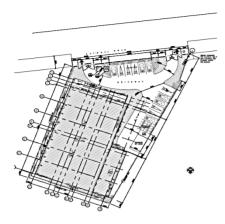






CERTIFIED BY		OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CADD	DATE	NO.	REVISIONS	CHK DATE	PAPER SIZE	SHEET NO.
	REG. NO.: 4659	SOCIAL SECURITY SYSTEM		MISCELLANEOUS DETAILS	MCB	AUG 2019				20X30	M-009
CONSULTING INC.	TIN NO.: 105-691-252	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY	PROPOSED THREE -STOREY SSS		DESIGNED	DATE				20/30	IVI-009
Engineering + Management ROLANDO M. MANAOA	PTR NO.: 7371938		BUILDING		JMA	AUG 2019				SCALE	PROJECT NO.
1SO 9001 Certified PROFESSIONAL MECHANICAL ENGIN	R DATE : JANUARY 21, 2019	APPROVED BY: MR. JOSE P. BAUTISTA			APPROVED	DATE				AC CHOMA	SO-G-15-010
Tel. Nos.: e03 2 9939827 Fex No.: e03 2 8939829 Email: acoconsulting@aco.com.ph Website: www.aco.com.ph	PLACE : MAKATI CITY	SVP NCR OPERATIONS GROUP	APACIBLE CORNER F. AGONCILLO STREET, ERMITA, MALATE, MANILA		RMM	AUG 2019	0			AS SHOWIN	30-G-15-010







GENERAL NOTES:

- 1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE . THESE DRAWNISS ARE SCHEMATIC IN MATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE OXODITIONS, (ON NOT SCALE FOR COUPLENT, DECCE OR MATERIAL LOCATION). IT IS INTENDED THAT A COMPLETE HOAD SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND CONFIGURES, TO COMPLETELY COORDINATED WITH ALL DESCRIPANCES, OXODITIONES ON STREET OWNERS OF WARD AND LABOR REQUIRED FOR A COMPLETE AND ADMINISTRATION OF THE ALL PREVAILED COORS, STANDARDS, AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITH ALL APPLICABLE COORS, STANDARDS, AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITH ALL PRIVAIL OF THE TOP OF THE TRADES BEFORE PREPARIN SHEET META, AND PIPING APPLICABINGS, AND THESE STONE PREPARING SHEET META, AND PIPING APPLICABINGS, ADD THE DESIGN OF OTHER TRADES BEFORE PREPARING SHEET META, AND PIPING APPLICABING AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHEET META, AND PIPING APPLICABING AND THE ALL OTHER DISCIPLINES.
- 2. ALL DUCT DIMENSIONS INDICATED ARE INSIDE CLEAR DIMENSIONS IN MM., EXCLUDING INTERNAL LINING & EXTERNAL INSULATION THICKNESS, UNLESS OTHERWISE INDICATED.
- UNLESS OTHERWISE NOTED, THE FREE AREA OF ALL EXTERNAL LOUVERS SHALL BE A MINIMUM OF 50% OF GROSS AREA.
- VOLUME CONTROL/ SPLITTER DAMPER SHALL BE PROVIDED FOR SUPPLY AND RETURN AIR DUCT AT EACH BRANCH, WHETHER SHOWN OR NOT SHOWN ON PLANS.
- 5. IN ADDITION TO THOSE SHOWN ON THE DRAWINGS THE CONTRACTOR SHALL SUPPLY AND INSTALL FIRE DAMPERS FOR AIR DUCTS PASSING THROUGH ALL FIRE RATED WALLS, SLABS IN ORDER TO FULFILL THE REQUIREMENTS OF LOCAL AUTHORITY. ALSO REFER TO FIRE LIFE SAFETY PAMS.
- ALL AIR GRILLES / LOUNERS SHALL BE MADE OF ALUMINUM UNLESS OTHERWISE SPECIFED. THE
 COLOR & SURFACE FINISHING OF THE GRILLES / LOUNERS SHALL BE SUBMITTED TO APCHITECT
 FOR APPROVAL BEFORE MATERIAL ORDERING, UNLESS OTHERWISE SPECIFIED, COLOR
 FINISH
 SHALL BE IN BARCD ENAMEL PAINT.
- 5-HALL BE IN BARED ENAMEL PAINT.

 7. ALL ANTI-VIBRATION MOUNTS FOR EQUIPMENT AND PIPE WORK SHALL BE OF SEISMIC SPRING TYPE UNLESS OTHERWISE SHOWN ON DRAWINGS.
- UNLESS UPLEMENTS SHOWN ON DEVANDED.

 5. FOR PIPES, SLEEVES AND DUCTS THROUGH FIRE BARRIER, THE GAP BETWEEN THE PIPES AND ITS SLEEVES, AND THE GAP BETWEEN THE DUCTS AND FIRE BARRIERS MUST BE FRMILY SEALED WITH FIRESTOP MATERIALS HAWNS A PERIOD OF THE RESISTANCE EQUAL TO THE FIRE BARRIERS, DETAILS OF DUCTS AND PIPES THROUGH WALL AND FLOOR SHALL COMPLY WITH U.L. STANDARD AND DEFOURDED.
- 9. ALL DUCT ELBOWS MUST BE FITTED WITH TURNING VANES TO SMACNA STANDARD.
- 10. SIZE OF GRILLES, LOUVERS OR DIFFUSERS SHOWN ARE NECK SIZE UNLESS OTHERWISE SPECIFIED.
- ALL GRILLES AND DIFFUSERS SHALL BE INSTALLED WITH INTEGRAL OPPOSED BLADE VOLUME CONTROL DAMPERS OPERABLE FROM THE GRILLE/DIFFUSER FACE.
- 12. IN THE ABSENCE OF ANY OTHER REQUIREMENT NOT FOUND IN THE PSME CODE, THE MATERIALS, CONSTRUCTION AND INSTALLATION OF THE DUCTWORKS SHALL COMPLY WITH THE REQUIREMENT OF SMACHA OR ASHRAE STANDARDS.
- SMACINA OR ASHRAE STANDARDS.

 13. ALL COUPPENT, DUCTORORS AND OTHER ACCESSORIES INSTALLED OUTDOOR SHALL BE WEATHERPROOFED AND PROTECTED WITH ALUMINUM CLADDING.

 14. COORDINATE AND FREET TO ARCHITECTURAL CELING PLANS AND FINAL FF & E LAYOUT FOR EXACT LOCATION OF ALL CELINDS MOUNTED ARD DISTRIBUTION DEVICES. COORDINATE EXACT LOCATION OF SLOTS, GRELLES, REGISTERS, AND DEFFUSES WITH ARCHITECTURAL REFLECTED CELING PLANS. IF A PARTICULAR TIES IN SIGN SHOWN IN THE ARCHITECTURAL REFLECTED CELING PLANS. IF A PARTICULAR TIES IN SIGN SHOWN IN THE ARCHITECTURAL REFLECTED CELING PLANS, PREPARE A DRAWNG AND PRESENT IT OF THE ARCHITECTURAL REFLECTED CELING PLAN, PREPARE A DRAWNG AND PRESENT IT OF THE ARCHITECTURAL REFLECTED CELING PLAN, PREPARE A
- 15. MANTAIN DUCTWORK LEVEL AND AS HIGH AS POSSIBLE UNLESS OTHERWISE NOTED. TRANSITION RECTANGULAR DUCTWORK ON THE TOP AND THE SIDES, ALL DUCT TRANSITIONS FROM SOLARE ROUND SHALL BE SMOOTH SOLARE TO ROUND TRANSITIONS. SPIN—IN FITTINGS AT THE END OF CAPPED DUCTS ARE NOT ACCEPTABLE.
- 16. ALL OPEN ENDED DUCTS SHALL BE BELLMOUTHED, SCREENED AND REINFORCED WITH 37.5mm x
 37.5mm x 3.5mm GALVANIZED STEEL ANGLES BOLTED, SCREWED OR RIVETED 150mm ON CENTER
 (MAXIMUM) ALL ARQUIND THE EXTERIOR PERMETER OF THE DUCT.
- 17. WONDHOUGH MEETING THE PROPERTY OF THE PROP
- ALL DIFFUSERS INSTALLED IN LAY-IN CEILINGS SHALL BE 4-WAY BLOW UNLESS OTHERWISE NOTED. ADJUST ALL DIFFUSERS IN CORRIDORS OR WITHIN 900mm OF A WALL TO PROVIDE 2-WAY OR 3-WAY RIOW AWAY FROM OR PARALLEL TO WALLS
- BLUW AWAY FROM OF PARALLEL IO WALLS.

 19. ALL WIRING IN THE CEILING PLENUM SHALL BE PLENUM—RATED CABLE PER NFPA—70 OR BE INSTALLED IN METAL CONDUIT.
- 20. ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES LOCATED IN INACCESSIBLE CEILINGS SHALL HAVE FACE OPERABLE DAMPERS TO ALLOW AIR BALANCING OF THE SYSTEM AFTER THE CEILING IS IN
- 21. INSULATE ALL SUPPLY AND RETURN AIR DUCTWORK.
- 22. ALL TERMINAL UNITS, FCU'S, MAVES, FANS AND DAMPERE ROVE CEILING SMALL BE ACCESSIBLE. CODORDIANE ALL ACCESS PANELS IN CELLINGS OF WALLS WITH ARCHITECTURE ALEBELTOT DE CHIEND PLANS AND INTERFOR DRAWNINGS FOR PROPER LOCATION. NO ACCESS PANELS ARE ALLOWED IN PUBLIC SPACES WITHOUT PRIOR WHITTEN APPROVAL OF THE ARCHITECT.
- 23. THE FRESH AIR DUCT (BRANCH DUCT) SERVING EACH FAN COIL UNIT SHALL BE PROVIDED WITH VOLUME DAMPER WHETHER SHOWN OR NOT SHOWN ON DRAWINGS.
- 24. AFTER SUBMITTAL APPROVALS AND PRIOR TO ORDERING OF ANY EQUIPMENT OR ACCESSORIES, OR AFTER SUBMITTAL APPROVALS AND PRIOR TO ORDERING OF ANY EQUIPMENT OF ACCESSORIES, OR BEFORE PABRICATION AMPORA ASSEMBLY OF PIPME, DUCTS MAD ANY DEVICES/COMPONENTS, IN-CONTROCTOR SHALL DESIDIE THAT EXERTITIBLE HAS BEEN MERITED AT SITE AND COORDINATED WITH UNITED AND PART OF ANY PEASON, DOWNLOT ARISE DUE TO CONTRACTOR'S FAULURE TO FOLIOW THE ABOVE OR HIS LACK OF DUE DILICENCE, ALL WORKS AS NECESSITATED SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT ADMINIONAL COST CHANGE ORDER.
- In general refer to Mechanical Plans for Quantity of ac & Ventilation Grilles and Diffusers for reference purposes refer to architectural reflected ceiling plan for Location of Utilities.
- 26. DUCT CUTS WITH CANVASS OR ANY RESILIENT MATERIAL SUCH AS RUBBER, MUST BE PROVIDED ESPECIALLY IN AREAS WHERE WALLS OR CEILING ARE ISOLATED FROM THE REST OF MAIN BUILDING STRUCTURE.
- ALL SUSPENDED AND FLOOR MOUNTED PIPES AND EQUIPMENTS SHALL BE PROVIDED WITH PROPER ISOLATORS AS RECOMMENDED BY ASHRAE (TABLE 42 & CHAPTER 47 2003 ASHRAE HANDBOOK).

- 28. ALL DUCT WORKS IN AREAS WITH SUSPENDED CEILING SHALL RUN IN THE CEILING VOID UNLESS OTHERWISE NOTED.
- 29. MATERIAL SPECIFICATIONS ARE AS FOLLOWS: (PLEASE REFER TO TECHNICAL SPECIFICATIONS) a DUCT INSULATION
 - i, INTERNAL (ALL SUPPLY AND RETURN AC DUCTS: 3.0 METERS LIPSTREAM & DOWNSTREAM OF FANS)
 - 25mm THICK FIBERGLASS INSULATION, 48 kg/M³ DENSITY, MATTE FACE WITH ANTI-MICROBIAL TREATMENT.
 - ii. EXTERNAL (ALL SUPPLY / RETURN AC DUCTS; EXHAUST DUCTS)
 - POLY CLEFIN FOAM (THERMOBREAK OR XCELLON 19/ 25mm THICK)
- b. GALVANIZED SHEET SCHEDULE HOT DIPPED GALVANIZED STEEL SHEET CONFORMING TO SMACHA, ("APO GALFAN" BRAND). DUCT SCHEDULE SHOWN BELOW IS REPRESENTATIVE ONLY.

LARGER DUCT DIMENSION (mm)	U.S. Ga#
UP TO 300	26
325 TO 750	22
775 TO 1350	22
1375 TO 2100	20
ABOVE 2100	18

c. FIRE DAMPER - U.L. LISTED FOR 2-HOUR FIRE RATING, CURTAIN TYPE.

d. DUCT SEALANT — FIRE RESISTIVE, WATER BASED CONFORMING TO U.L. 1818 — "FOSTER" DUCT FAST OR EQUAL.

DRAWING INDEX	
M-001	SITE DEVELOPMENT PLAN,GENERAL NOTES, DRAWING INDEX, LEGEND & SYMBOLS, ABBREVIATIONS
M-002	EQUIPMENT SCHEDULE
M-003	EQUIPMENT SCHEDULE
M-004	A/C & VENTILATION LAYOUT
M-005	MISCELLANEOUS DETAILS

LEGEND 4	& SYMBOLS		
SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
#	AIR COOLED CONDENSING UNIT	×	SUPPLY AIR GRILLE
\perp	FAN COIL UNIT (WALL MOUNTED)	Ŧ	THERMOSTAT/WALL MOUNTED
	FAN COIL UNIT (FLOOR STANDING)	\ominus	EQUIPMENT DESIGNATION
= □	CEILING CASSETTE EXHAUST AIR FAN		OSCILLATING FAN (OF)
c	IN-LINE AXIAL FRESH AIR FAN		REFRIGERANT PIPES
3 b	WALL MOUNTED EXHAUST AIR FAN		DOOR LOUVER (D/L)

ABBREVIA [®]	TION		
ABBREV	DESCRIPTION	ABBREV	DESCRIPTION
FCU	FAN COIL UNIT	SAG	SUPPLY AIR GRILLE
CDP	CONDENSATE DRAIN PIPE	I/s / LPS	LITERS PER SECOND
EA	EXHAUST AIR	Pa	PASCAL
EF	EXHAUST FAN	RP	REFRIGERANT PIPE
ESP	EXTERNAL STATIC PRESSURE	TEF	TOILET EXHAUST FAN
FAD	FRESH AIR DUCT	w	WATTS
VD	VOLUME DAMPER	FD	FIRE DAMPER

CERTIFIE	FIED BY		OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.
		REG. NO.: 4569	SOCIAL SECURITY SYSTEM		SITE DEVELOPMENT PLAN, GENERAL	POB	AUG 2019					20X30	M-001
CONSULTING INC.		TIN NO. : 105-691-252	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY	PROPOSED ONE -STOREY SSS		DESIGNED	DATE					20/30	IVI-00 I
Engineering + Management RC	ROLANDO M. MANAOAT	PTR NO.: 7371938		BUILDING	ABBREVIATIONS	JMA	AUG 2019					SCALE	PROJECT NO.
ISO 9001 Certified PROFE	FESSIONAL MECHANICAL ENGINEER	DATE : JANUARY 21, 2019	APPROVED BY: JOSIE G. MAGANA			APPROVED	DATE					AS SHOWN	SO-G-15-010
Tel. Nov.: +63 7 8933627 Fax Nov.: +63 7 8933629 Ernall: acoconsulting@aco.com.ph Website: www.aco.com.ph		PLACE : MAKATI CITY	SVP NCR OPERATIONS GROUP	BRGY. BUTTONG , LACAG CITY		RMM	AUG 2019	0				AS SHOWN	30-0-13-010



					AIR COOLED CONDE	ISING UNIT											FAN COIL UNIT		
MARK	QUANTITY	LOCATION	FCU SERVED	CAPACITY	COMPRESSOR TYPE	REFRIGERANT	REFRIGE	RANT PIPE	ELECTRIC	CAL DATA	REMARKS	MARK	QUANTITY	LOCATION	AREA SERVED	CAPACITY	TYPE	ELECTRICAL DATA	REMARKS
				KW			RGL	RLL	KW INPUT	V/PH/HZ						KW		V/PH/HZ	
ACCU/ 1	1	OUTDOOR	FCU 1	6.8	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	2.0	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU1	1	GROUND FLOOR	OFFICE OF THE BRANCH HEAD	6.8	WALL MOUNTED	230/1/60	SPLIT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/ 2	1	OUTDOOR	FCU 2	6.8	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	2.0	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 2	1	GROUND FLOOR	CONNFERENCE HALL	6.8	WALL MOUNTED	230/1/60	SPUT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/3	1	OUTDOOR	FCU 3	6.8	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	2.0	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 3	1	GROUND FLOOR	PANTRY	6.8	WALL MOUNTED	230/1/60	SPUT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/ 4	1	OUTDOOR	FCU 4	3.7	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	1.3	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 4	1	GROUND FLOOR	DATA &COMMUNICATION ROOM	3.7	WALL MOUNTED	230/1/60	SPUT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/5	1	OUTDOOR	FCU 5	6.8	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	2.0	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 5	1	GROUND FLOOR	TELLERING SECTION	6.8	WALL MOUNTED	230/1/60	SPUT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/6	1	OUTDOOR	FCU 6	6.8	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	2.0	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 6	1	GROUND FLOOR	TELLERING SECTION	6.8	WALL MOUNTED	230/1/60	SPLIT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/7	1	OUTDOOR	FCU 7	14.0	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	5.1	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 7	1	GROUND FLOOR	MSS BACKROOM	14.0	FLOORSTANDING	230/1/60	SPLIT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES .
ACCU/ 8	1	OUTDOOR	FCU 8	6.8	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	2.0	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU8	1	GROUND FLOOR	MSS BACKROOM	6.8	WALL MOUNTED	230/1/60	SPUT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/ 9	1	OUTDOOR	FCU 9	14.0	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	5.1	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 9	1	GROUND FLOOR	MSS BACKROOM	14.0	FLOORSTANDING	230/1/60	SPLIT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES.
ACCU/ 10	1	OUTDOOR	FCU 10	6.8	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	2.6	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 10	1	GROUND FLOOR	MSS BACKROOM	6.8	FLOORSTANDING	230/1/60	SPUT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES .
ACCU/11	1	OUTDOOR	FCU 11	6.8	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	2.0	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 11	1	GROUND FLOOR	P.E. CENTER	6.8	WALL MOUNTED	230/1/60	SPUT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/ 12	1	OUTDOOR	FCU 12	6.8	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	2.0	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 12	1	GROUND FLOOR	P.E. CENTER	6.8	WALL MOUNTED	230/1/60	SPUT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/ 13	1	OUTDOOR	FCU 13	6.8	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	2.0	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 13	1	GROUND FLOOR	ADMINISTRATIVE SECTION	6.8	WALL MOUNTED	230/1/60	SPLIT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/ 14	1	OUTDOOR	FCU 14	14.0	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	5.1	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 14	1	GROUND FLOOR	WAITING AREA	14.0	FLOORSTANDING	230/1/60	SPLIT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES .
ACCU/ 15	1	OUTDOOR	FCU 15	14.0	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	5.1	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 15	1	GROUND FLOOR	WAITING AREA	14.0	FLOORSTANDING	230/1/60	SPLIT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES .
ACCU/ 16	1	OUTDOOR	FCU 16	3.7	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	1.3	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 16	1	GROUND FLOOR	E-CENTER	3.7	WALL MOUNTED	230/1/60	SPUT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES AND DRAIN PUMP.
ACCU/ 17	1	OUTDOOR	FCU 17	14.0	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	5.1	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 17	1	GROUND FLOOR	WAITING AREA	14.0	FLOORSTANDING	230/1/60	SPLIT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES.
ACCU/ 18	1	OUTDOOR	FCU 18	14.0	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	5.1	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 18	1	GROUND FLOOR	WAITING AREA	14.0	FLOORSTANDING	230/1/60	SPLIT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES .
ACCU/ 19	1	OUTDOOR	FCU 19	14.0	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.50	5.1	230/1/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU 19	1	GROUND FLOOR	WAITING AREA	14.0	FLOORSTANDING	230/1/60	SPLIT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES .

					AIR COOLED CONDENS	SING UNIT(MULTI-SI	SPLIT TYPE)									FAN COIL UN	IT(MULTI-SPLIT TYPE)			
MARK	QUANTITY	LOCATION	FCU SERVED	CAPACITY	COMPRESSOR TYPE	REFRIGERANT	REFRIG	ERANT PIPE	ELECTRIC	AL DATA	REMARKS	MARK	QUANTITY	LOCATION	AREA SERVED	CAPACITY	TYPE	ELECTRIC	CAL DATA	REMARKS
				KW	1		RGL	RLL	KW INPUT	V/PH/HZ						KW		KWINPUT	V/PH/HZ	
			FCU/ 1A									FCU/ 1A	1	GROUND FLOOR	ADMINISTRATIVE SECTION	6.8	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES
ACCU/ A	1	GROUND FLOOR	FCU/ 2A	14.2	HERMETICALLY SEALED SWING TYPE	R-410A	15.9	9.5	3.9	230/1/60	MULTI- SPLIT TYPE AIR COOLED CONDENSING UNIT C/W STANDARD	FCU/ 2A	1	GROUND FLOOR	ACCOUNTS AND MANAGEMENT SECTION	3.7	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES
			FCU/ 3A								ACCESSORIES	FCU/ 3A	1	GROUND FLOOR	ACCOUNTS AND MANAGEMENT SECTION	3.7	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES
			FCU/ 1B									FCU/ 1B	1	GROUND FLOOR	BANK SERVICE PROVIDER	3.7	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES
ACCU/ B	١.	GROUND	FCU/ 2B	22	HERMETICALLY SEALED	R-410A	19.1	9.5	5.94	380/3/60	MULTI- SPLIT TYPE AIR COOLED	FCU/ 2B	1	GROUND FLOOR	UMID	6.8	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES
ACCO/ B	'	FLOOR	FCU/ 3B	22	SWING TYPE	N-410M	19.1	5.5	5.94	300/3/00	CONDENSING UNIT C/W STANDARD ACCESSORIES FO	FCU/ 3B	1	GROUND FLOOR	INFO KIOSK	3.7	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES
			FCU/ 4B									FCU/ 4B	1	GROUND FLOOR	LOBBY	6.8	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES



CERTIFIED BY	OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CADD	DATE	N0.	REVISIONS	CHK DATE	PAPER SIZE	SHEET NO.
REG. NO.: 4569	SOCIAL SECURITY SYSTEM		EQUIPMENT SCHEDULE	POB	AUG 2019				20X30	M-002
CONSULTING INC.	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY	PROPOSED ONE -STOREY SSS		DESIGNED	DATE				20/30	IVI-002
Engineering + Management ROLANDO M. MANAOAT PTR NO.: 7371938		BUILDING		JMA	AUG 2019				SCALE	PROJECT NO.
ISO 9001 Certified PROFESSIONAL MECHANICAL ENGINEER DATE : JANUARY 21, 2019	APPROVED BY: JOSIE G. MAGANA	551251115		APPROVED	DATE				AN CHOMA	SO-G-15-010
Tel. Nest; 4012 8012827 for Nest; 402 2 8020829 Ernall associations are comply Websites wow accomply	SVP NCR OPERATIONS GROUP	BRGY, BUTTONG , LACAG CITY		RMM	AUG 2019	0			AS SHOWN	SU-G-15-010



FRESH AIR FAI	RESHAIR FANS														
ITEM	UNIT NO.	QTY	LOCATION	AREA SERVED	ТУРЕ	DRIVE	CAPACITY	TOTAL STATIC PRESSURE	MOTOR DATA				WEIGHT	REMARKS	
HEM	UNIT NO.	QIY	LOCATION	AREA SERVED	TYPE	DRIVE	(CMH)	(Pa)	w	V PH HZ		(KG)	REWARKS		
1	FA/1TO FA/2	2	GROUND FLOOR	WAITING AREA	CENTRIFUGAL INLINE	DIRECT	1000	150	240	230	1	60	8	DIRECT CENTRIFUGAL INLINE FAN COMPLETE WITH STANDARD ACCESSORIES.	

					EXHA	UST FANS								
ITEM	UNIT NO.	QTY	AREA SERVED	TYPE	CAPACITY	TOTAL STATIC PRESSURE		мото	R DATA		WEIGHT	REMARKS		
HEM	UNIT NO.	QIT	AREA SERVED	ITPE	(CMH)	(Pa)	w v		V PH HZ		(KG)	KEMARKS		
1	TEF/1 TO TEF/6	6	TOILET (MALE /FEMALE)	CEILING CASSETTE	180	50	40	230	1	60	1	CEILING CASSETTE EXHAUST FAN COMPLETE WITH STANDARD ACCESSORIES. INTERLOCK W/ LIGH SWITCH		
2	EF/1	1	PUMP ROOM	CEILING CASSETTE	300	150	70	230	1	60	6	CEILING CASSETTE EXHAUST FAN COMPLETE WITH STANDARD ACCESSORIES. INTERLOCK W/ LIGHT SWITCH		
3	EF/2	1	ELECTRICAL ROOM	CEILING CASSETTE	400	150	50	230	1	60	6	CEILING CASSETTE EXHAUST FAN COMPLETE WITH STANDARD ACCESSORIES. INTERLOCK W/ LIGHT SWITCH		
4	EF/3	1	PANTRY	CEILING CASSETTE	400	150	50	230	1	60	6	CEILING CASSETTE EXHAUST FAN COMPLETE WITH STANDARD ACCESSORIES. INTERLOCK W/ LIGHT SWITCH		
5	EF/4	1	RECORDS ROOM	WALL MOUNTED	1,000		50	230	1	60	6	WALL MOUNTED EXHAUST FAN COMPLETE WITH STANDARD ACCESSORIES.INTERLOCK WITH LIGHT SWITCH		
6	EF/5	1	SUPPLY ROOM	WALL MOUNTED	200	-	25	230	1	60	2.5	WALL MOUNTED EXHAUST FAN COMPLETE WITH STANDARD ACCESSORIES.INTERLOCK WITH LIGHT SWITCH		
7	TF/1	1	BREASTFEEDING ROOM	WALL MOUNTED	250		30	230	1	60	1	WALL MOUNTED EXHAUST FAN COMPLETE WITH STANDARD ACCESSORIES.		

AIR CURTA	MN												
ITEM	UNITHO	QTY	LOCATION	TYPE	CAPACITY	MOTOR DATA				DIMENSION	WEIGHT	REMARKS	
HEM	UNIT NO.	QIY	LOCATION	TYPE	(CMH)	w	V	PH	HZ	DIMENSION	(KG)	REIVIARES	
1	AC/1	,	MAIN ENTRANCE /	AMBIENT / NO	1240 / 2600	650	230		60	1550 x 450 x 300		HORIZONTAL MOUNTING AIR CURTAIN	
2	AC/2	2	EXIT	HEAT	1240 / 2600	650	230	1	80	1550 X 450 X 500	30	ACCESSORIES.	



CERTIFIED BY	OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CADD	DATE	NO.	REVISIONS	CHK D	ATE PAPER SI	SHEET NO.
REG. NO.: 4569	SOCIAL SECURITY SYSTEM	111 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EQUIPMENT SCHEDULE	POB	AUG 2019				20X3	0 M-003
CONSULTING INC.	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY	PROPOSED ONE -STOREY SSS		DESIGNED	DATE				2003	J IVI-003
DOLANDO M MANACAT DE NO - TATIOTE		BUILDING		JMA	AUG 2019				SCALE	PROJECT NO.
Engineering + Management ISO 9001 Certified FROFESSIONAL MECHANICAL ENGINEER DATE: JANUARY 21,	19 APPROVED BY: JOSIE G. MAGANA	Boilebiito		APPROVED	DATE					
29 LTA BUSING 118 PERS STREET, LEGISLO VINDE, 1323 MARKET CITY, PRODUCES Tell, Nost, 483 2 8932827 Fee No. 485 2 8933829 Email: accoonsultring/leac.com.ph Websits: www.acc.com.ph	SVP NCR OPERATIONS GROUP	BRGY, BUTTONG , LADAG CITY		RMM	AUG 2019	0			AS SHO	VN SO-G-15-010



