



SOCIAL SECURITY SYSTEM

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**

A blue ink signature of Antonio V. Trinos, Jr.

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.

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: ussaptayo@sss.gov.ph*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) & Source of Fund	Delivery/ Completion Period	Price of Bid Documents (non-refundable)	Schedule of Activities	
			Date/Time	
			Pre-bid Conference	Deadline of submission and receipt of bids
₱ 14,884,858.00 Broken down as follows:	One hundred twenty (120) calendar days from receipt of Notice to Proceed and Signed Contract		August 8, 2024 (Thursday) 10:30 a.m.	August 22, 2024 (Thursday) 2:00 p.m.
Lot 1 – SSS Manila Building ₱ 10,600,920.00		₱ 11,500.00		
Lot 2- SSS Laoag Building ₱ 4,283,858.00		₱ 5,000.00		
Approved 2024 Corporate Operating Budget under Capital Outlay with Code PAP 2024-0218 of the Annual Procurement Plan (APP)				

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 (ready)

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 (₱14,884,858.00).

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 **One Hundred Twenty (120) Calendar Days from the Date of the Bid Opening.** 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 may be. 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	<p>For this purpose, contracts similar to the Project shall be:</p> <p>a. Supply, delivery and installation of mechanical equipment particularly, Variable Refrigerant Flow (VRF) system, multi split and split type air conditioning systems.</p> <p>b. Completed within five (5) years prior to the deadline for the submission and receipt of bids.</p>									
7.1	No further instruction									
12	The price of the Goods shall be quoted DDP to the sites indicated in Section VI (Schedule of Requirements) for this Project.									
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <table><tr><th>Form of Bid Security</th><th>Amount of Bid Security (Not less than the Percentage of the ABC)</th></tr><tr><td>Cash or cashier's/manager's check issued by a Universal or Commercial Bank.</td><td rowspan="2">Two percent (2%) or Lot 1: ₱ 212,018.40 Lot 2: ₱ 85,678.76</td></tr><tr><td>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.</td></tr><tr><td>Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.</td><td>Five percent (5%) or Lot 1: ₱ 530,046.00 Lot 2: ₱ 214,169.90</td></tr></table> <p>* Bank issued securities must be issued by a universal/commercial bank.</p> <p>* Surety Bonds must be accompanied by a certification from Insurance Commission that issuer is authorized to issue such security.</p> <p>* Bid Securing Declaration must be notarized by a duly commissioned Notary Public.</p>	Form of Bid Security	Amount of Bid Security (Not less than the Percentage of the ABC)	Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Two percent (2%) or Lot 1: ₱ 212,018.40 Lot 2: ₱ 85,678.76	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 issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%) or Lot 1: ₱ 530,046.00 Lot 2: ₱ 214,169.90		
Form of Bid Security	Amount of Bid Security (Not less than the Percentage of the ABC)									
Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Two percent (2%) or Lot 1: ₱ 212,018.40 Lot 2: ₱ 85,678.76									
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 issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%) or Lot 1: ₱ 530,046.00 Lot 2: ₱ 214,169.90									
19.3	<p>The ABC of ₱ 14,884,858.00, broken down as follows:</p> <table><tr><th>Lot No.</th><th>Offices Covered</th><th>ABC</th></tr><tr><td>1</td><td>Manila Building Mechanical Works</td><td>₱ 10,600,920.00</td></tr><tr><td>2</td><td>Laoag Building Mechanical Works</td><td>₱ 4,283,938.00</td></tr></table> <p>Any bid with a financial component exceeding the ABC per lot indicated above shall not be accepted.</p>	Lot No.	Offices Covered	ABC	1	Manila Building Mechanical Works	₱ 10,600,920.00	2	Laoag Building Mechanical Works	₱ 4,283,938.00
Lot No.	Offices Covered	ABC								
1	Manila Building Mechanical Works	₱ 10,600,920.00								
2	Laoag Building Mechanical Works	₱ 4,283,938.00								
20.1	No further instruction									



20.2	<p>The Lowest Calculated Bidder shall submit the following:</p> <ol style="list-style-type: none"> 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);
21.1	No further instruction

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	<p>Scope of Works: General Requirements</p> <p>The work to be done consists of “<i>Equipment for the Air – Conditioning and Ventilation System for the Proposed SSS Manila and SSS Laoag Branches (Re-Advertisement)</i>” 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.</p> <p>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.</p> <p>A. MECHANICAL</p> <ol style="list-style-type: none"> 1. 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 . 2. Supply, delivery and installation of all brand new air-conditioning and ventilation equipment including all accessories necessary to make the system operational. 3. All air-conditioning and ventilation equipment and its refrigerant and electrical lines shall be installed in accordance with the manufacturer’s recommendations. 4. 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. 5. All suction and discharge lines shall be insulated with Rubber Insulation Size 25mm minimum thickness. 6. Provision of Rubber Insulation with polyethylene tape for all piping lines. 7. Connect air-conditioning unit drains to the nearest condensate drain line stub-out with 25mm dia. minimum size. Extend drain line connections, if necessary. 8. The ACCU and FCU shall be properly installed on a steel pedestal/platform base complete with vibration isolating medium like neoprene rubber pad 9. 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. 10. 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 11. 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 12. 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. 13. 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 #	Type	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 #	Type	Specifications	Quantity
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 2pcs 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 #	Type	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 #	Type	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 turn-over 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.

	<p>Packaging –</p> <p>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.</p> <p>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.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>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</p> <p>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.</p> <p>Transportation –</p> <p>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.</p> <p>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.</p> <p>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.</p>
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	<p>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.</p> <p>Intellectual Property Rights –</p> <p>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.</p>
2.2	<p>The terms of payment shall be as follows:</p> <p>One-time payment upon completion and acceptance of Branch Support Services Department.</p> <p>The following requirements must also be complied with:</p> <ol style="list-style-type: none"> 1. 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. <p>Payment shall be credited to the LANDBANK or DBP or any choice of bank account subject to applicable bank charges of the winning bidder.</p> <p>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.</p> <p>Payment using Letter of Credit is not allowed.</p> <p>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.</p>
4	<p>The inspections and tests that will be conducted are indicated in Annex A- Testing, Adjusting and Balancing of Mechanical Equipment</p> <p>All tests shall be witnessed by SSS authorized representative/s.</p>
5.1	<p>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.</p>
5.2	<p>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.</p>



6	<p data-bbox="365 191 695 226">Liability of the Supplier</p> <p data-bbox="381 269 1453 667">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.</p> <p data-bbox="427 710 1453 779">The obligation of confidentiality by both parties, as provided herein, shall survive the termination of the Agreement.</p> <p data-bbox="381 822 1453 1034">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.</p> <p data-bbox="381 1076 1453 1216">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.</p> <p data-bbox="427 1258 1453 1582">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.</p> <p data-bbox="427 1624 1453 1806">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.</p> <p data-bbox="381 1849 1453 1988">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.</p> <p data-bbox="381 2030 1453 2287">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.</p>
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	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
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	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
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	<p>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.</p> <p>No arbitration in respect of this matter may be commenced unless such notice is given.</p> <p>Notwithstanding any reference to arbitration herein, the Parties shall continue to perform their respective obligations under this Agreement unless they otherwise agree.</p> <p>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.</p> <p>16. GOVERNING LAW. The Agreement shall be governed by and interpreted according to the laws of the Republic of the Philippines.</p> <p>17. AMENDMENTS. This Agreement may be amended only in writing and executed by the parties or their duly authorized representatives.</p> <p>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.</p> <p>19. BINDING EFFECT. The Agreement shall be binding upon the Parties hereto, their assignee/s and successor/s-in-interest.</p>
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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.	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			Within one hundred twenty (120) calendar days upon receipt of Notice to Proceed and Contract
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	
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	
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.	<i>Lot 2- Equipment for the Air – Conditioning and Ventilation System for the Proposed SSS Laoag Branch</i>			
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

Item	Specification	Statement of Compliance	Annex
<p><i>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.</i></p> <p><i>All Mechanical works shall be done in accordance with the plans issued by A.C. Ong Consulting Inc. under Annex “A”.</i></p>			
<p>Lot 1: Supply, Delivery and Installation of Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Manila Branch</p>			
1	<p>Supply, Delivery and Installation of Brand New VRF/VRV System complete with standard accessories.</p> <p><i>Must submit brochures showing given parameters</i></p>		
1.1	ACCU Inverter, Combination Type Cooling capacity: 141kW (480900 BTU/h) (minimum) Power Supply: 380V, 3 Phase, 60Hz Power Input: 43.8kW (maximum) Airflow Rate: 38500 CMH Refrigerant: R-410A EER/COP: 3.22 Compressor: Three (3) Scroll DC Inverter		
1.2	ACCU Inverter, Combination Type Cooling capacity: 152kW (518400 BTU/h) (minimum) Power Supply: 380V, 3 Phase, 60Hz Power Input: 45.4kW (maximum) Airflow Rate: 43500 CMH Refrigerant: R-410A EER/COP: 3.35 Compressor: Three (3) Scroll DC Inverter		
1.3	Floor Standing FCU (indoor unit) Cooling Capacity: 14kW (47800 BTU/h) (minimum) Power Supply: 230V, Single Phase, 60Hz Power Input: 180W (maximum) Airflow Rate (High): 1890 CMH		
1.4	Wall Mounted FCU (indoor unit) 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		



2	Supply, Delivery and Installation of Brand New Inverter Split Type Air – Conditioner with Horizontal Discharge Air – Cooled Condensing Unit complete with standard accessories <i>Must submit brochures showing given parameters</i>		
2.1	3HP Wall Mounted, Inverter, Split Type AC Rated Cooling Capacity: 7.1 kW (24200 BTU/h) Airflow Rate (High): 780CFM (minimum) Refrigerant: R – 32 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		
2.2	2HP Wall Mounted, Inverter, Split Type AC Rated Cooling Capacity: 5.2 kW (17700 BTU/h) Airflow Rate (High): 636CFM (minimum) Refrigerant: R – 32 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		
2.3	1.5HP Wall Mounted, Inverter, Split Type AC Rated Cooling Capacity: 3.5 kW (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		

Name: _____

Legal capacity:_____

Signature:_____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____



Item	Specification	Statement of Compliance	Annex
<p><i>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.</i></p> <p>All Mechanical works shall be done in accordance with the Technical Specifications issued by A.C. Ong Consulting Inc. under Annex “B”.</p>			
<p>Lot 2: Equipment for the Air-Conditioning and Ventilation System for the Proposed SSS Laoag Branch</p>			
1	<p>Supply, Delivery and Installation of Brand New Inverter Split Type Air – Conditioner with Horizontal Discharge Air – Cooled Condensing Unit complete with standard accessories</p> <p><i>Must submit brochures showing given parameters</i></p>		
1.1	<p>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</p>		
1.2	<p>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</p>		
1.3	<p>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</p>		
2	<p>Supply, Delivery and Installation of Brand New VRF/VRV System complete with standard accessories.</p>		



	<i>Must submit brochures showing given parameters</i>		
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

Legal Documents

- ☐ (a) Valid PhilGEPS Certificate of Platinum Registration and Membership (Platinum Membership) (all pages);

Technical 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**
- ☐ (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**
- ☐ (d) 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; **Or** 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.

Other documentary requirements under RA No. 9184 (as applicable)

For foreign bidders claiming by reason of their country’s extension of reciprocal rights to Filipinos:

- ☐ (g) Copy of Treaty, International or Executive Agreement; **or**
- ☐ (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

- ☐ (j) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;
or
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. FINANCIAL COMPONENT ENVELOPE

- ☐ (m) Original of duly signed and accomplished Financial Bid Form; and
☐ (n) Original of duly signed and accomplished Price Schedule(s)/Bid Breakdown.

IMPORTANT REMINDERS

- A) Each and every page of the **Bid Forms/Price Schedule(s)/Bid Breakdown**, under Section VIII: Checklist of Technical and Financial Documents hereof, shall be signed by the duly authorized representative/s of the Bidder. Failure to do so shall be a ground for the rejection of the bid.
- B) Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed 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
2ND 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.: 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 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 of agent
Amount and Purpose of
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 of agent
Amount and Purpose of
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: _____

FORM-02

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: 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 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		
	SUB – TOTAL 1.0				
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		
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 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	set		
	SUB – TOTAL 3.0				

Handwritten signature

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	1. Copper pipe, Hard drawn Type L 2. Copper pipe fittings 3. Refnet Branch Piping 4. Pipe insulation, Closed Cell Elastomeric (CCE) Rubber Insulation Class 1 x 20mm thick 5. Pipe Hangers and Supports (including saddles if any) 6. 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	1. Wall Mounted Exhaust Fan, 650 CMH- 1 unit 2. Wall Mounted Exhaust Fan, 400 CMH x 100 Pa.- 2 units 3. Ceiling Cassette Exhaust Fan, 400 CMH x 100 Pa.- 1 unit 4. Ceiling Cassette Exhaust Fan, 200 CMH x 70 Pa.- 2 units 5. Cabinet In-line Fan- 450 CMH x 100 Pa. Static Pressure- 1 unit 6. Cabinet In-line Fan, 700 CMH x 100 Pa. Static Pressure- 1 unit 7. Wall Mounted Fan, 100 CMH- 1 unit 8. Cabinet In-line Fan, 1700 CMH x 150 Pa. Static Pressure- 1 unit 9. Ceiling Cassette Exhaust Fan, 85 CMH x 25 Pa. Static Pressure- 1 unit 10. Cabinet In-line Exhaust Fan, 600 CMH x 100 Pa. Static Pressure- 1 unit 11. Ceiling Cassette Exhaust Fan, 250 CMH x 100 Pa. Static Pressure- 2 units 12. Ceiling Cassette Exhaust Fan, 150 CMH x 70 Pa. Static Pressure- 1 unit 13. Ceiling Cassette Exhaust Fan, 85 CMH x 70 Pa. Static Pressure- 1 unit 14. Cabinet In-line Fresh Air Fan, 1200 CMH x 150 Pa. Static Pressure- 1 unit 15. Cabinet In-line Fresh Air Fan, 600 CMH x 100 Pa. Static Pressure- 1 unit	1	lot		

Handwritten signature

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 Duct Sealants, Gasket, Tapes, Adhesives and other necessary consumables	1	lot		
	SUB – TOTAL 7.0				
8.0	Testing, Commissioning and Hand-over: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - 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:

- Any bid exceeding the ABC of **₱ 10,600,920.00** shall not be accepted.
- 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
- Please use the softcopy of the Bid Breakdown provided to the bidders.
- All documents shall be signed, and each and every page thereof shall be initialed, by the duly authorized representative/s of the Bidder.
- Bid proposal must be inclusive of all applicable taxes.
- Warranty requirement is at no cost to SSS.

Name: _____

Legal capacity:_____

Signature:_____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____



FORM-02-A

Price Schedule(s)/Bid Breakdown

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)	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		
	SUB – TOTAL 1.0				
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		
	SUB – TOTAL 2.0				
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		
	SUB – TOTAL 3.0				

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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	1. Copper pipes Hard drawn Type L 2. Copper pipe fittings 3. Refnet Branch Piping 4. Pipe insulation Closed Cell Elastomeric (CCE) Rubber Insulation Class 1 x 20mm thick 5. Pipe Hangers and Supports (including saddles if any) 6. 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	1. Ceiling Cassette Exhaust Fan, 180 CMH x 50Pa.- 6 units 2. Ceiling Cassette Exhaust Fan, 400 CMH x 150Pa.- 3 units 3. Wall Mounted Exhaust Fan, 1000 CMH- 1 unit 4. Wall Mounted Exhaust Fan, 200 CMH- 1 unit 5. Wall Mounted Transfer Fan, 250 CMH- 1 unit 6. Centrifugal In-line Fresh Air Fan, 1000 CMH x 150Pa.- 2 units 7. Air curtain, 2600 CMH- 2 units 8. Oscillating Fan- 2 units Miscellaneous & Others (Support, Pad, Electrical Connections, Etc.)	1	lot		
	SUB – TOTAL 6.0				
7.0	Supply, Delivery & Installation of Ducting works for Ventilation System				
7.1	1. G.I. Sheet, Ga. # 24 Fresh Air Louver (FAL) 2. 350 x 350 mm 3. 250 x 150 mm Fresh Air Louver (FAL) with Wire Mesh 4. 800 x 200 mm Fresh Air Grill (FAG)	1	lot		

JS

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:

- Any bid exceeding the ABC of **₱ 4,283,938.00** shall not be accepted.
- 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
- 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)
NAME OF PROJECT

NAME OF COMPANY

NFCC = 15 (Current Assets – Current Liabilities) – Value of All Outstanding Works under
On-going Contracts including Awarded Contracts yet to be started)

YEAR	CURRENT ASSETS	CURRENT LIABILITIES
TOTAL		

Value of Outstanding Works under On-going Contracts:

CONTRACT DESCRIPTION	TOTAL CONTRACT AMOUNT AT AWARD	PERCENTAGE OF PLANNED AND ACTUAL ACCOMPLISHMENT	ESTIMATED COMPLETION TIME
TOTAL			

Use additional sheet/s, if necessary

FORMULA:

15 (_____ – _____) – _____ = _____
Current Assets minus Current Liabilities minus Total Outstanding Works NFCC

P _____
NFCC

Prepared and Submitted by:

Signature over Printed Name

JS

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 PROJECT

NAME OF COMPANY

NFCC = 15 (Current Assets – Current Liabilities) – Value of All Outstanding Works under
On-going Contracts including Awarded Contracts yet to be started)

YEAR	CURRENT ASSETS	CURRENT LIABILITIES
TOTAL		

Value of Outstanding Works under On-going Contracts:

CONTRACT DESCRIPTION	TOTAL CONTRACT AMOUNT AT AWARD	PERCENTAGE OF PLANNED AND ACTUAL ACCOMPLISHMENT	ESTIMATED COMPLETION TIME
TOTAL			

Use additional sheet/s, if necessary

FORMULA:

15 (_____) – _____ = _____
Current Assets minus Current Liabilities minus Total Outstanding Works NFCC

P _____
NFCC

Prepared and Submitted by:

Signature over Printed Name

JS

(Name of Bank)

COMMITTED LINE OF CREDIT CERTIFICATE

Date:

Social Security System (SSS)
SSS Main Building, East Avenue
Diliman, Quezon City

CONTRACT PROJECT :
COMPANY/FIRM :
ADDRESS :
BANK/FINANCING :
INSTITUTION :
ADDRESS :
AMOUNT :

This is to certify that the above Bank/Financing Institution with business address indicated above, commits to provide the (Supplier/Distributor/Manufacturer/Contractor), if awarded the above-mentioned Contract, a credit line in the amount specified above which shall be exclusively used to finance the performance of the above-mentioned contract subject to our terms, conditions and requirements.

The credit line shall be available within fifteen (15) calendar days after receipt by the (Supplier/Distributor/Manufacturer/Contractor) of the Notice of Award and such line of credit shall be maintained until issuance of Certificate of Acceptance by the Social Security System.

This Certification is being issued in favor of said (Supplier/Distributor/Manufacturer/Contractor) in connection with the bidding requirement of (Name of Procuring Entity) for the above-mentioned Contract. We are aware that any false statements issued by us make us liable for perjury.

The committed line of credit cannot be terminated or cancelled without the prior written approval of Social Security System.

Name and Signature of Authorized Financing Institution Office

Office Designation

Concurred by:

Name & Signature of (Supplier/Distributor/Manufacturer/Contractor) Authorized Representative

Official Designation

SUBSCRIBED AND SWORN TO BEFORE ME this day of Philippines, Affiant exhibited to me his/her competent Evidence of Identity (as defines by the 2004 Rules on Notarial Practice issued on at , Philippines.

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Series of :

(Note: The amount committed should be machine validated in the Certificate itself)



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)



FORM-06

**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 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



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 _____, _____ (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 _____, represented herein by its (Position of Signatory), (Name of Signatory), duly authorized pursuant to _____, _____, hereinafter referred to as the “Supplier”.

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 as to availability of funds)

(Position of Certifying Officer)

(Department/Office of Certifying Officer)

FUNDS AVAILABLE:

APP No.: _____

FIRST ACKNOWLEDGMENT

Republic of the Philippines)
_____) S.S.

BEFORE ME, a Notary Public for and in _____, Philippines, on this _____ day of _____ personally appeared:

Name	Competent Evidence of Identity	Date/Place of Issue

known to me to be the same person who executed the foregoing Agreement, consisting of _____ (____) pages, including this page and excluding annexes, and he/she/they acknowledged to me that the same is his/her/their free and voluntary act and deed as well as the free and voluntary act and deed of the principal he/she /they represent/s in this instance.

WITNESS MY HAND AND SEAL on the date and place first above written.

Doc. No. _____;
Page No. _____;
Book No. _____;
Series of 20____.



SIGNED IN THE PRESENCE OF:

SECOND ACKNOWLEDGMENT

Republic of the Philippines)
_____) S.S.

BEFORE ME, a Notary Public for and in _____, Philippines, on this _____ day of _____ personally appeared:

Name	Competent Evidence of Identity	Date/Place of Issue

known to me to be the same person who executed the foregoing Agreement, consisting of _____ (__) pages, including this page and excluding annexes, and he/she/they acknowledged to me that the same is his/her/their free and voluntary act and deed (if corporation to include succeeding phrase) as well as the free and voluntary act and deed of the principal he/she/they represent/s in this instance.

WITNESS MY HAND AND SEAL on the date and place first above written.

Doc. No. _____;
Page No. _____;
Book No. _____;
Series of 20__.



Omnibus Sworn Statement (Revised)

REPUBLIC OF THE PHILIPPINES)
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

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 (RE-ADVERTISEMENT) of the **SOCIAL SECURITY SYSTEM**:

NAME POSITION/DESIGNATION SIGNATURE

- 1.
- 2.

- b) **RESOLVED FURTHER that**, if awarded the Contract, the following **is/are** granted full power and authority to enter into contract with the **SOCIAL SECURITY SYSTEM**:

NAME POSITION/DESIGNATION SIGNATURE

- 1.
- 2.

- c) **RESOLVED FURTHERMORE** that, the designated representative/s of the Corporation has/have the full power to perform any and all acts necessary and/or to represent the Corporation as fully and effectively as the Corporation might do if personally present, and hereby satisfying and confirming all the said representative/s shall lawfully do or cause to be done by virtue hereof.

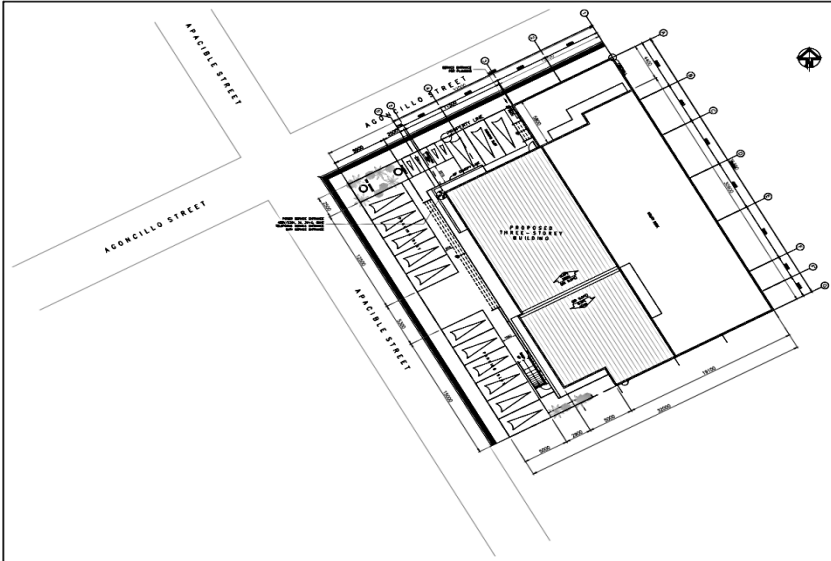
IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ____ at <CITY>.

NAME & SIGNATURE of Corporate Secretary

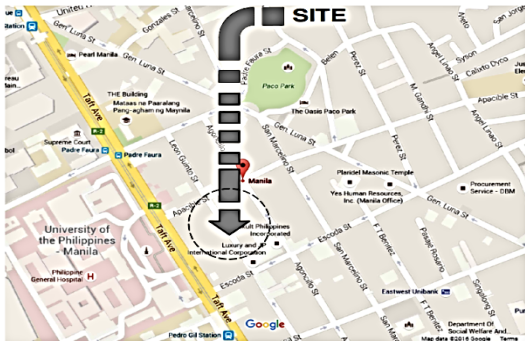
SUBSCRIBE AND SWORN to before me this __ day of _____ at <CITY>, affiant having exhibited to me his/her <Government Issued ID and details [issued by, date and place issued if applicable]).

Doc No. _____
Page No. _____
Book No. _____
Series of _____





SITE DEVELOPMENT PLAN
M-001 SCALE 1:300M



VICINITY MAP
M-001 SCALE NTS

GENERAL NOTES:

- THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. (FOR NOT SHOWN FOR EQUIPMENT, DEVICE OR MATERIAL LOCATION), IT IS INTENDED THAT A COMPLETE HVAC SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND CONTROLS, COMPLETELY COORDINATED WITH ALL DISCIPLINES. DOCUMENTS STRICTLY CONFORM WITH ALL PARAMETERS GIVEN IN THESE DOCUMENTS. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE AC/MV SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE CONTRACTOR. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHEET METAL AND PIPING SHOP DRAWINGS. EACH TRADE SHALL PREPARE ITS OWN FABRICATION AND INSTALLATION DRAWINGS FOR COORDINATION WITH ALL OTHER DISCIPLINES.
- 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.
- 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 PLANS.
- ALL AIR GRILLES / LOUVERS SHALL BE MADE OF ALUMINUM UNLESS OTHERWISE SPECIFIED. THE COLOR & SURFACE FINISHING OF THE GRILLES / LOUVERS SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL BEFORE MATERIAL ORDERING. UNLESS OTHERWISE SPECIFIED, COLOR FINISH SHALL BE IN BAKED ENAMEL PAINT.
- ALL ANTI-VIBRATION MOUNTS FOR EQUIPMENT AND PIPE WORK SHALL BE OF SEISMIC SPRING TYPE, UNLESS OTHERWISE SHOWN ON DRAWINGS.
- 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 FIRMLY SEALED WITH FIRESTOP MATERIALS HAVING A PERIOD OF FIRE RESISTANCE EQUAL TO THE FIRE BARRIERS. DETAILS OF DUCTS AND PIPES THROUGH WALL AND FLOOR SHALL COMPLY WITH U.L. STANDARD AND REQUIREMENTS.
- ALL DUCT ELBOWS MUST BE FITTED WITH TURNING VANES TO SMACNA STANDARD.
- 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 SMACNA OR ASHRAE STANDARDS.
- ALL EQUIPMENT, DUCTWORKS AND OTHER ACCESSORIES INSTALLED OUTDOOR SHALL BE WEATHERPROOFED AND PROTECTED WITH ALUMINUM CLADDING.
- COORDINATE AND REFER TO ARCHITECTURAL CEILING PLANS AND FINAL FF & E LAYOUT FOR EXACT LOCATION OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES. COORDINATE EXACT LOCATION OF SLOTS, GRILLES, REGISTERS, AND DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLANS. IF A PARTICULAR ITEM IS NOT SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLAN, PREPARE A DRAWING AND PRESENT IT TO THE ARCHITECT FOR HIS REVIEW AND/OR APPROVAL.
- MAINTAIN DUCTWORK LEVEL AND AS HIGH AS POSSIBLE UNLESS OTHERWISE NOTED. TRANSITION RECTANGULAR DUCTWORK ON THE TOP AND THE SIDES. ALL DUCT TRANSITIONS FROM SQUARE TO ROUND SHALL BE SMOOTH SQUARE TO ROUND TRANSITIONS. SPIN-IN FITTINGS AT THE END OF CAPPED DUCTS ARE NOT ACCEPTABLE.
- 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 AROUND THE EXTERIOR PERIMETER OF THE DUCT.
- 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.
- 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 AWAY FROM OR PARALLEL 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.
- INSULATE ALL SUPPLY AND RETURN AIR DUCTWORK.
- ALL TERMINAL UNITS, FCU'S, VALVES, FANS AND DAMPERS ABOVE CEILING SHALL BE ACCESSIBLE. COORDINATE ALL ACCESS PANELS IN CEILINGS 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 ARCHITECT.
- THE FRESH AIR DUCT (BRANCH DUCT) SERVING EACH FAN COIL UNIT SHALL BE PROVIDED WITH VOLUME DAMPER WHETHER SHOWN OR NOT SHOWN ON DRAWINGS.
- AFTER SUBMITTAL APPROVALS AND PRIOR TO ORDERING OF ANY EQUIPMENT OR ACCESSORIES, OR BEFORE FABRICATION AND/OR ASSEMBLY OF PIPING, DUCTS AND ANY DEVICES/COMPONENTS, THE CONTRACTOR SHALL ENSURE THAT EVERYTHING HAS BEEN VERIFIED AT SITE AND COORDINATED WITH ALL THE OTHER DISCIPLINES AS TO CONSTRUCTIBILITY AND MAINTAINABILITY OF THE EQUIPMENT AND UTILITIES. IF FOR ANY REASON, CONFLICT ARISE DUE TO CONTRACTOR'S FAILURE TO FOLLOW THE ABOVE OR HIS LACK OF DUE DILIGENCE, ALL WORKS AS NECESSITATED SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT ADDITIONAL COST CHARGE 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.
- 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).

- ALL DUCT WORKS IN AREAS WITH SUSPENDED CEILING SHALL RUN IN THE CEILING VOID UNLESS OTHERWISE NOTED.
- MATERIAL SPECIFICATIONS ARE AS FOLLOWS: (PLEASE REFER TO TECHNICAL SPECIFICATIONS)
- DUCT INSULATION
 - 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.
 - EXTERNAL (ALL SUPPLY / RETURN AC DUCTS; EXHAUST DUCTS)
 - POLY URETHAN FOAM (THERMOBREAK OR XCELLON 19/ 25mm THICK)
- GALVANIZED SHEET SCHEDULE – HOT DIPPED GALVANIZED STEEL SHEET CONFORMING TO SMACNA ("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

- FIRE DAMPER – U.L. LISTED FOR 2-HOUR FIRE RATING, CURTAIN TYPE.
- DUCT SEALANT – FIRE RESISTIVE, WATER BASED CONFORMING TO U.L. 181B – "TOSTER" DUCT FAST OR EQUAL.

DRAWING INDEX

M-001	SITE DEVELOPMENT PLAN, VICINITY MAP, GENERAL NOTES, DRAWING INDEX, ABBREVIATIONS, LEGEND & SYMBOLS.
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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
	FAN COIL UNIT (WALL MOUNTED)		THERMOSTAT/WALL MOUNTED
	IN-LINE AXIAL FRESH AIR FAN		KILOWATT
	FAN COIL UNIT (FLOOR STANDING)		EQUIPMENT DESIGNATION
	CEILING CASSETTE EXHAUST AIR FAN		REFRIGERANT PIPES
	WALL MOUNTED EXHAUST AIR FAN		PIPE DOWN

ABBREVIATION

ABBREV	DESCRIPTION	ABBREV	DESCRIPTION
BD/BD	BACK DRAFT DAMPER	FCU	FAN COIL UNIT
CDP	CONDENSATE DRAIN PIPE	HP	HORSE POWER
CU	CONDENSING UNITS	KW	KILOWATT
CDS	CONDENSATE DRAIN STACK	l/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		

a.c.o.n.g.
CONSULTING INC.
Engineering + Management
ISO 9001 CERTIFIED

CERTIFIED BY
ROLANDO M. MANAOAT
PROFESSIONAL MECHANICAL ENGINEER

OWNER
SOCIAL SECURITY SYSTEM
6/F, SSS BUILDING EAST AVENUE, QUEZON CITY

PROJECT TITLE/LOCATION
PROPOSED THREE - STOREY SSS BUILDING
APOELILLO CORNER F. AGONCILLO STREET, ERMITA, MALATE, MANILA

SHEET CONTENTS
SITE DEVELOPMENT PLAN, VICINITY MAP,
GENERAL NOTES, DRAWING INDEX, ABBREVIATION,
LEGEND & SYMBOLS

CD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.
MCB	AUG 2019					20X30	M-001
DESIGNED	DATE					SCALE	PROJECT NO.
JMA	AUG 2019					AS SHOWN	SO-G-15-010
APPROVED	DATE						
RNM	AUG 2019	0					

AIR CONDITIONING EQUIPMENT SCHEDULE (VRV)																			
AIR COOLED CONDENSING UNIT										FAN COIL UNIT									
MARK	QTY	LOCATION	CAPACITY	COMPRESSOR TYPE	REFRIGERANT	REFRIGERANT PIPE		ELECTRICAL DATA		REMARKS	MARK	QTY	LOCATION	AREA SERVED	CAPACITY	TYPE	ELECTRICAL DATA		REMARKS
			KW (TR)			RGL	RLL	KW INPUT	V/PH/HZ						KW (TR)		KW IN/PUT	V/PH/HZ	
ACCU A	1	ROOF DECK	137 (39)	HERMETICALLY SEALED SWING TYPE	R-410A	41.3	19.10	41.5	380/3/60	AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	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.
											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.
											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 WITH 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 WITH 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 WITH STANDARD ACCESSORIES.

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M-002

EQUIPMENT SCHEDULE

SCALE

NTS

<div><div><div>a.cong</div><div>CONSULTING INC.</div></div><div><div>Engineering + Management</div><div>ISO 9001 Certified</div></div><div><div>2F 17A Building 17A Prince Street, Legaspi Village, 1229 Makati City, Philippines</div><div>Tel. No. : +63 2 8933827 Fax No. : +63 2 8933829</div><div>Email: info@acong.com.ph hr@acong.com.ph www.acong.com.ph</div></div></div>	CERTIFIED BY		OWNER		PROJECT TITLE/LOCATION	SHEET CONTENTS	EQUIPMENT SCHEDULE									
	ROLANDO M. MANAOAT PROFESSIONAL MECHANICAL ENGINEER	REG. NO.: 4659	SOCIAL SECURITY SYSTEM				CADD	DATE	NO.	REVISIONS		CHK	DATE	PAPER SIZE	SHEET NO.	
		TIN NO. : 105-891-252	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY				DESIGNED	DATE						20X30	M-002	
		PIR NO. : 7371938					JMA	AUG 2019						SCALE	PROJECT NO.	
		DATE : JANUARY 21, 2019	APPROVED BY: MR. JOSE P. BAUTISTA SVP NCR OPERATIONS GROUP				APPROVED	DATE						AS SHOWN	SO-G-15-010	
	PLACE : MAKATI CITY			APACIBLE CORNER F. AZONCILLO STREET, ERMITA, MALATE, MANILA		RMW	AUG 2019	0								

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VENTILATING FANS												
UNIT NO.	QTY	LOCATION	AREA SERVED	TYPE	DRIVE	CAPACITY (CMH)	TOTAL STATIC PRESSURE (Pa)	MOTOR DATA				REMARKS
								W	V	PH	HZ	
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 CASSETTE	DIRECT	400	100	115	230	1	60	CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES
EF/1.5	1	GROUND FLOOR	SUPPLY ROOM	CEILING CASSETTE	DIRECT	200	70	40	230	1	60	CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES
EF/1.6	1	GROUND FLOOR	UTILITY ROOM	CEILING CASSETTE	DIRECT	150	70	40	230	1	60	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	CABINET IN-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	CABINET IN-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	CABINET IN-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	CABINET IN-LINE FAN COMPLETE WITH STANDARD ACCESSORIES
TEF/2.1	1	SECOND FLOOR	DIVISION HEAD TOILET	CEILING CASSETTE	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	CABINET IN-LINE FAN COMPLETE WITH STANDARD ACCESSORIES
EF/2.1 & 2.2	2	SECOND FLOOR	RECORDS ROOM	CEILING CASSETTE	DIRECT	250	100	195	230	1	60	CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES
EF/2.3	1	SECOND FLOOR	SUPPLY ROOM	CEILING CASSETTE	DIRECT	150	70	40	230	1	60	CEILING CASSETTE FAN COMPLETE WITH STANDARD ACCESSORIES
EF/2.4	1	SECOND FLOOR	UTILITY ROOM	CEILING CASSETTE	DIRECT	85	25	30	230	1	60	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	CABINET IN-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	CABINET IN-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	CABINET IN-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	CABINET IN-LINE FAN COMPLETE WITH STANDARD ACCESSORIES

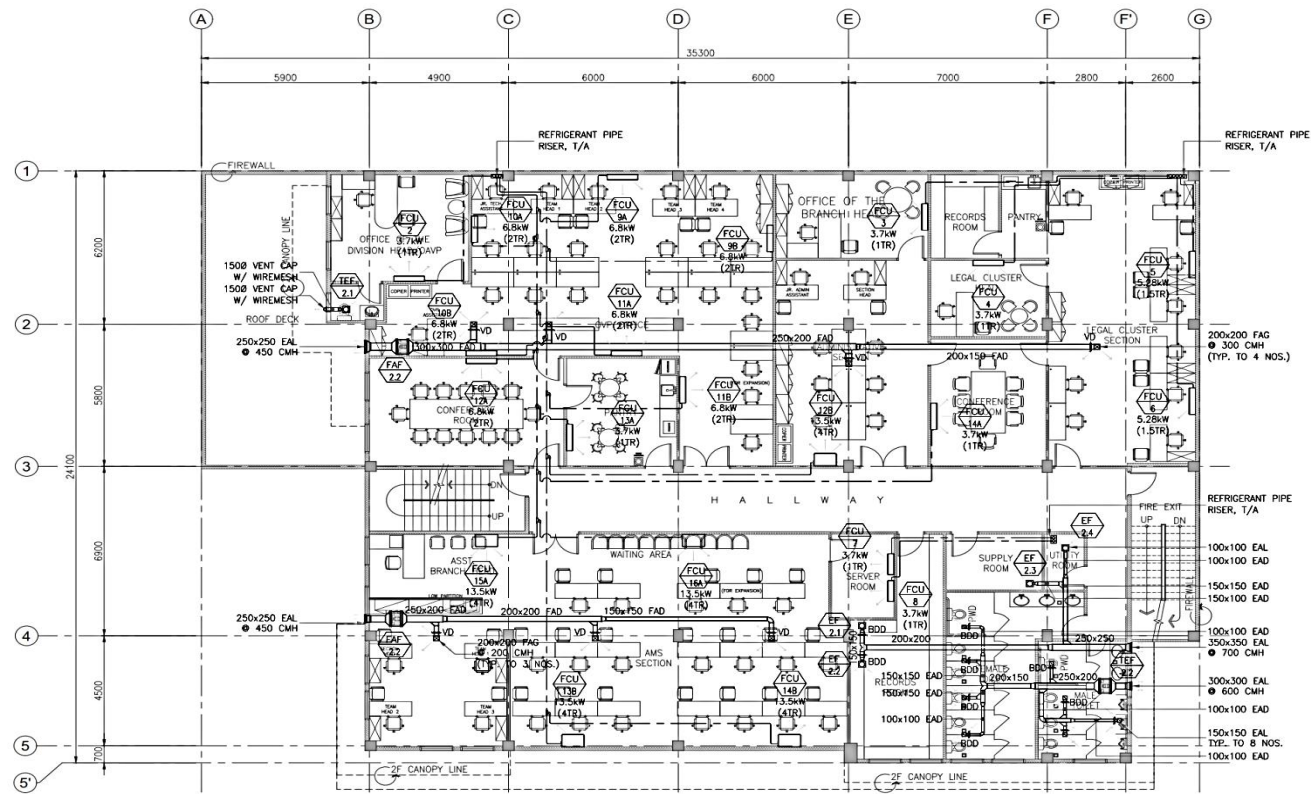
AIR CURTAIN												
ITEM	UNIT NO.	QTY	LOCATION	TYPE	CAPACITY (CMH)	MOTOR DATA				DIMENSI ON	WEIGHT (KG)	REMARKS
						W	V	PH	HZ			
1	AC/1	2	MAIN ENTRANCE / EXIT	AMBIENT / NO HEAT	1240 / 2600	650	230	1	60	1550 x 450 x 300	50	HORIZONTAL MOUNTING AIR CURTAIN COMPLETE WITH STANDARD ACCESSORIES.
2	AC/2											

AUTO FAN												
UNIT NO.	QTY.	FLOOR LEVEL	LOCATION	TYPE	RPM			MOTOR DATA				
					LOW	HIGH		W	V	PH	HZ	
OF/3.1 TO 3.5	5	THIRD FLOOR	RECORDS ROOM	OSCILLATION FAN	568-694	1089-1331		18.3-22.4 LOW 46.8-57.2 HIGH	220	1	60	

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EQUIPMENT SCHEDULE
 M-004 SCALE NTS

<div>a.c.o.n.g. CONSULTING INC. Engineering + Management ISO 9001 <small>Certified</small> <small>20 UTA Building 118 Poma Street, Legaspi Village, 1229 Makati City, Philippines</small> <small>Tel No. : +63 2 8933827 Fax No. : +63 2 8933825</small> <small>Email: info@acong.com.ph, sales@acong.com.ph, website: www.acong.com.ph</small></div>	CERTIFIED BY		OWNER		PROJECT TITLE/LOCATION		SHEET CONTENTS		CADD		DATE	NO.	REVISIONS		CHK	DATE	PAPER SIZE	SHEET NO.
	ROLANDO M. MANAOAT PROFESSIONAL MECHANICAL ENGINEER		REG. NO.:	4659	SOCIAL SECURITY SYSTEM 6/F , SSS BUILDING EAST AVENUE, QUEZON CITY		PROPOSED THREE -STOREY SSS BUILDING		EQUIPMENT SCHEDULE		NCB	AUG 2019					20X30	M-004
			TIN NO.:	105-591-252							DESIGNED	DATE					SCALE	PROJECT NO.
			PTR NO.:	7371938							JMA	AUG 2019						
			DATE	JANUARY 21, 2019	APPROVED BY:	MR. JOSE P. BAUTISTA SVP- NCR OPERATIONS GROUP			APPROVED	DATE							AS SHOWN	SO-G-15-010
			PLACE	MAKATI CITY			APACABLE CORNER F. AGONCILLO STREET, ERMITA, MALATE, MANILA		RAJ	AUG 2019	0							

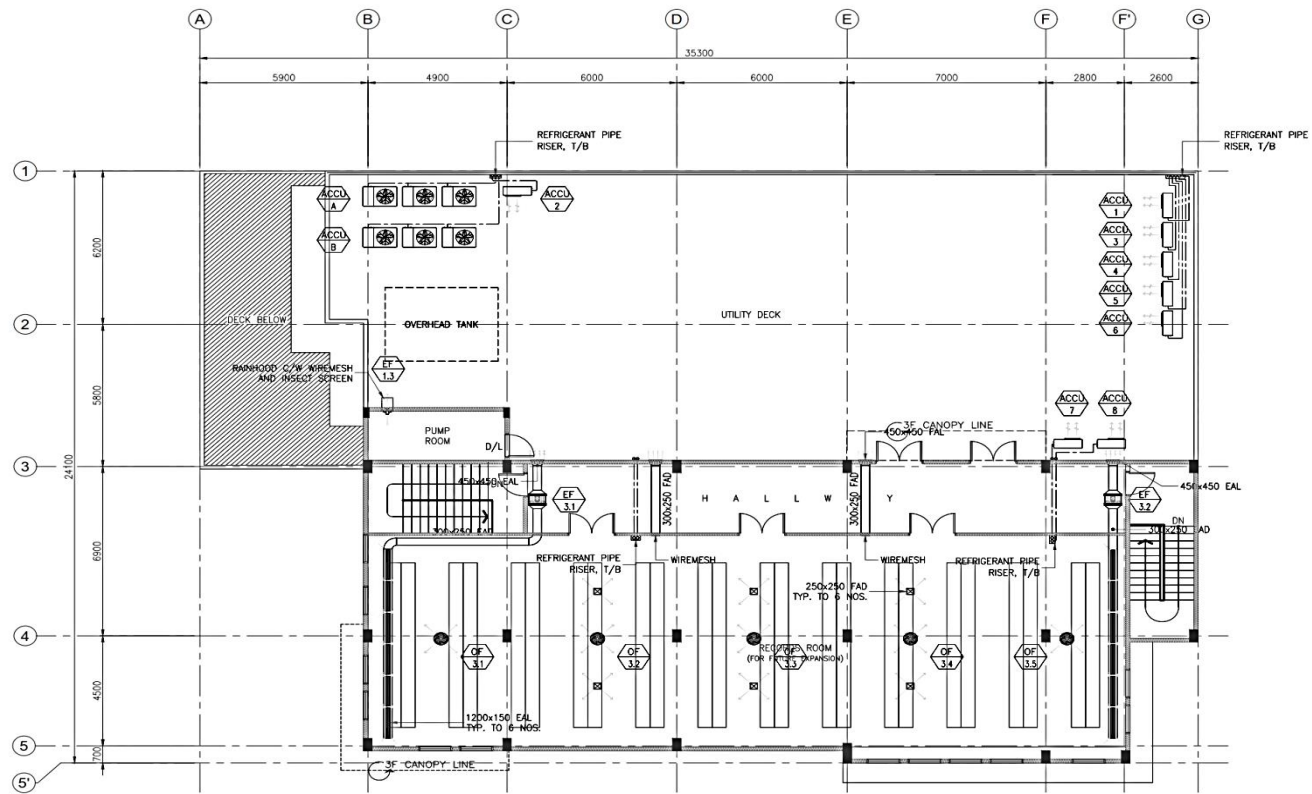
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SECOND FLOOR A/C & VENTILATION LAYOUT
 SCALE 1:100M

<div>a.c.o.n.g. CONSULTING INC. Engineering + Management 2017A Building 118 Pineda Street, Uptown Village, 1229 Makati City, Philippines Tel No. +63 2 8898887 Fax No. +63 2 8898888 Email: info@acong.com.ph, sales@acong.com.ph, www.acong.com.ph</div>	CERTIFIED BY		OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.
	ROLANDO M. MANAOAT		SOCIAL SECURITY SYSTEM 6/F., 555 BUILDING EAST AVENUE, QUEZON CITY	PROPOSED THREE -STOREY SSS BUILDING	SECOND FLOOR A/C & VENTILATION LAYOUT	MCB	AUG 2019					20X30	M-006
	PROFESSIONAL MECHANICAL ENGINEER					DESIGNED	DATE					SCALE	
						JMA	AUG 2019						
						APPROVED	DATE					AS SHOWN	SO-G-15-010
	REG. NO. : 4659		APPROVED BY:	MR. JOSE P. BAUTISTA SVP NCR OPERATIONS GROUP	APACIBLE CORNER F. AGONCILLO STREET, ERMITA, MALATE, MANILA	RNM	AUG 2019	0					
	TIN NO. : 105-691-252												
	PTR NO. : 7371938												
	DATE : JANUARY 21, 2019												
	PLACE : MAKATI CITY												

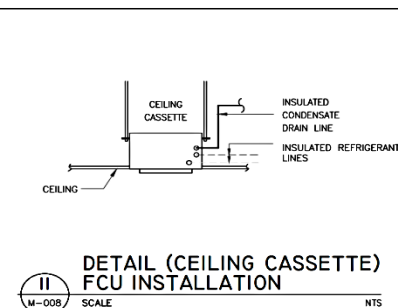
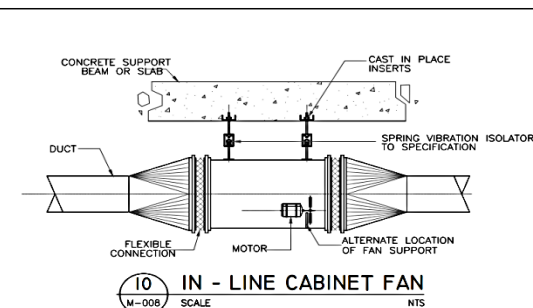
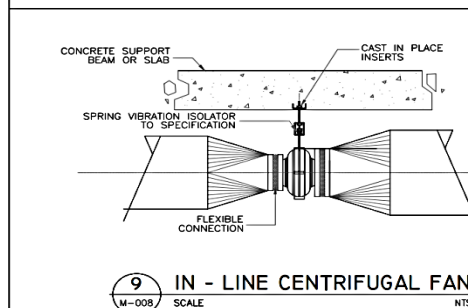
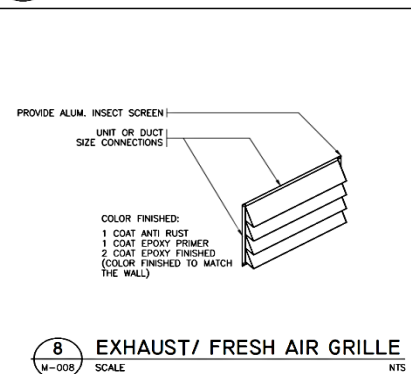
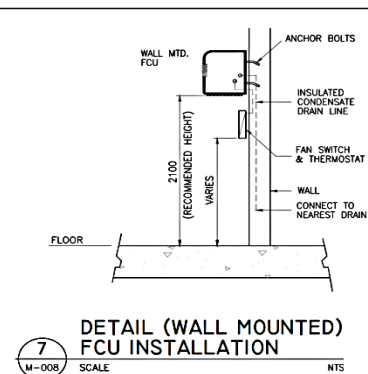
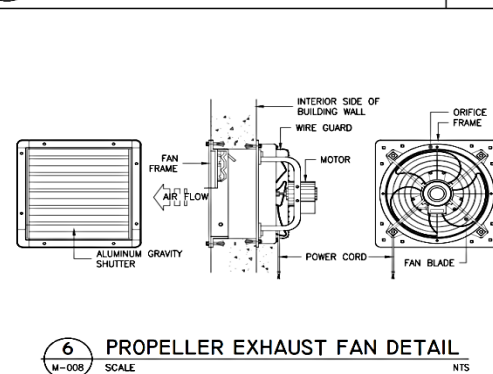
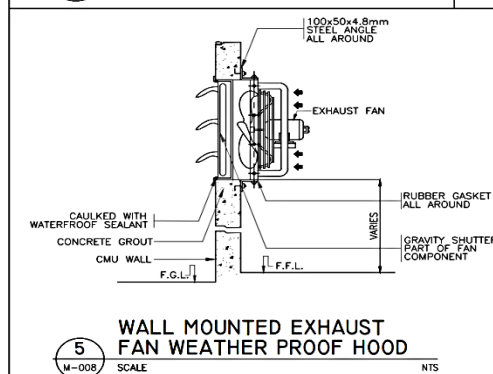
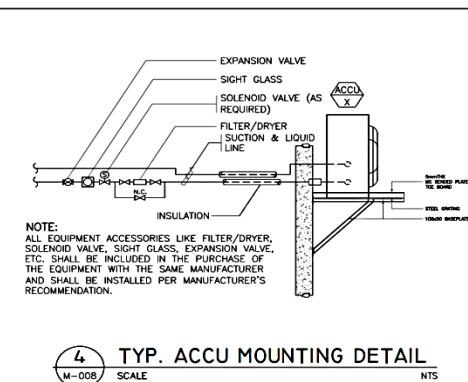
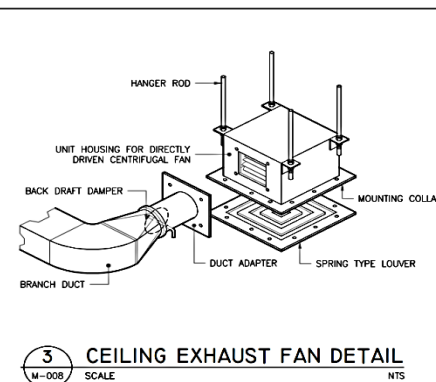
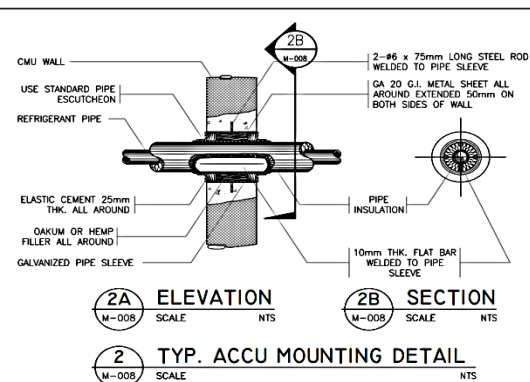
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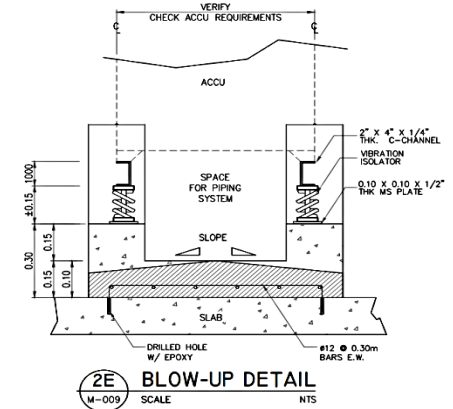
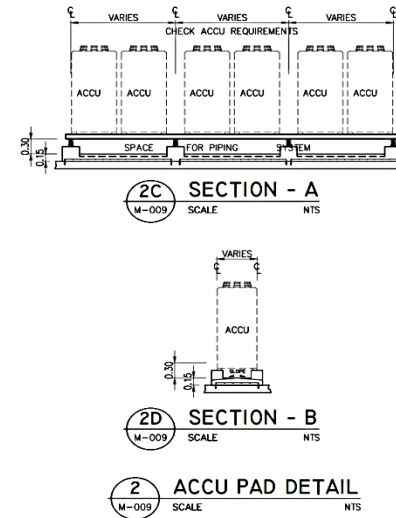
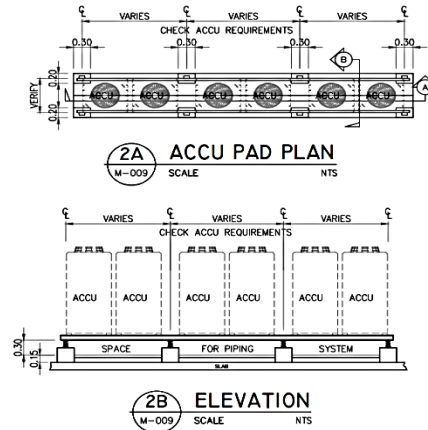
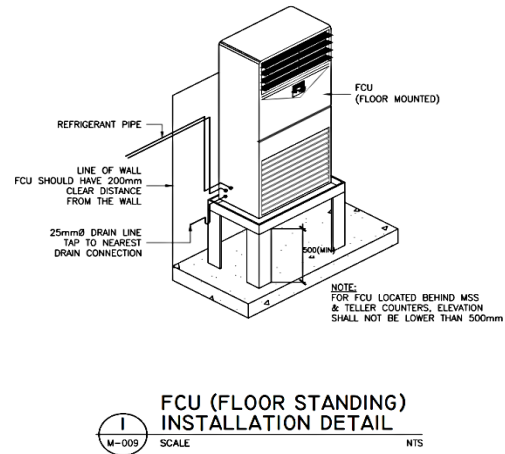
1 THIRD FLOOR A/C & VENTILATION LAYOUT
 M-006 SCALE 1:100M

<div>a.c.o.n.g. CONSULTING INC. Engineering + Management 150 9001 2017A Building 118 Pineda Street, Legaspi Village, 1129 Makati City, Philippines Tel. Nos. +63 2 8898887 / 8898888 / 8898889 Email: info@acong.com.ph, sales@acong.com.ph, website: www.acong.com.ph</div>	CERTIFIED BY		OWNER		PROJECT TITLE/LOCATION		SHEET CONTENTS		CADD		DATE	NO.	REVISIONS		CHK	DATE	PAPER SIZE	SHEET NO.
	ROLANDO M. MANAOAT		SOCIAL SECURITY SYSTEM		PROPOSED THREE -STOREY SSS BUILDING		THIRD FLOOR A/C & VENTILATION LAYOUT		MCB	DESIGNED	AUG 2019						20X30	M-007
	PROFESSIONAL MECHANICAL ENGINEER		6/F, 555 BUILDING EAST AVENUE, QUEZON CITY															
			APPROVED BY:						JMA	APPROVED	AUG 2019						SCALE	PROJECT NO.
			DATE : JANUARY 21, 2019		MR. JOSE P. BAUTISTA													
			PLACE : MAKATI CITY		SVP NCR OPERATIONS GROUP		APACIBLE CORNER F. AGONCILLO STREET, ERMITA, MALATE, MANILA		RMJ		AUG 2019	0					AS SHOWN	SO-G-15-010

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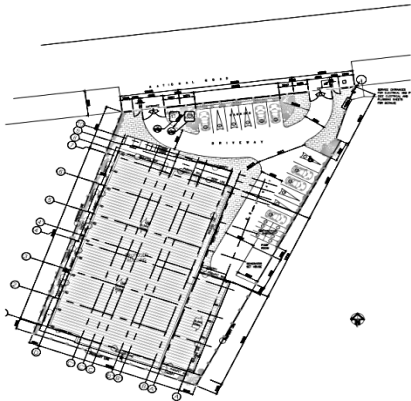


<div>A.C. CONSULTING INC.</div> <div>Engineering + Management</div> <div>1500 BROADVIEW AVE. SUITE 100</div> <div>1515 BROADVIEW AVE. SUITE 100</div> <div>1515 BROADVIEW AVE. SUITE 100</div>	CERTIFIED BY	REG. NO.: 4659	OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.	
	ROLANDO M. MANAOGAT PROFESSIONAL MECHANICAL ENGINEER	TIN NO.: 106-091-252	SOCIAL SECURITY SYSTEM	PROPOSED THREE -STOREY SSS BUILDING	MISCELLANEOUS DETAILS	NCB	AUG 2019						20X30	M-008
		PTR NO.: 7371938	6/F., SSS BUILDING EAST AVENUE, QUEZON CITY			DESIGNED	DATE							
		DATE: JANUARY 21, 2019	APPROVED BY:			JAM	AUG 2019							
		PLACE: MANILA CITY	MR. JOSE P. BAUTISTA			APPROVED	DATE							
		SVP. NRC OPERATIONS GROUP	RNA			AUG 2019	0							
AS SHOWN	SO-G-15-010													



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	ROLANDO M. MANAOAT		TRN NO. : 105-991-252											
	PROFESSIONAL MECHANICAL ENGINEER		PTR NO. : 7371938											
			DATE : JANUARY 21, 2019											
			PLACE : MAKATI CITY											
			APPROVED BY: MR. JOSE P. BAUTISTA SVP- NCR OPERATIONS GROUP											
SOCIAL SECURITY SYSTEM 6/F - 555 BUILDING EAST AVENUE, QUEZON CITY					PROPOSED THREE -STOREY SSS BUILDING	MISCELLANEOUS DETAILS	MCB	AUG 2019				20X30	M-009	
APACABLE CORNER F. AGONCILLO STREET, ERMITA, MALATE, MANILA						JMA	AUG 2019					SCALE	PROJECT NO.	
						APPROVED	DATE					AS SHOWN	SO-G-15-010	

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1 SITE DEVELOPMENT PLAN
M-001 SCALE NTS

GENERAL NOTES:

1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. (DO NOT SCALE FOR EQUIPMENT, DEVICE OR MATERIAL LOCATION). IT IS INTENDED THAT A COMPLETE HVAC SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND CONTROLS, COMPLETELY COORDINATED WITH ALL DISCIPLINES. DOCUMENTS STRICTLY CONFORM WITH ALL PARAMETERS GIVEN IN THESE DOCUMENTS. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE AC/MV SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE CONTRACT. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHEET METAL AND PIPING SHOP DRAWINGS. EACH TRADE SHALL PREPARE ITS OWN FABRICATION AND INSTALLATION DRAWINGS FOR COORDINATION WITH ALL OTHER DISCIPLINES.
2. 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.
4. 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 PLANS.
6. ALL AIR GRILLES / LOUVERS SHALL BE MADE OF ALUMINUM UNLESS OTHERWISE SPECIFIED. THE COLOR & SURFACE FINISHING OF THE GRILLES / LOUVERS SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL BEFORE MATERIAL ORDERING. UNLESS OTHERWISE SPECIFIED, COLOR FINISH SHALL BE IN BAKED ENAMEL PAINT.
7. ALL ANTI-VIBRATION MOUNTS FOR EQUIPMENT AND PIPE WORK SHALL BE OF SEISMIC SPRING TYPE UNLESS OTHERWISE SHOWN ON DRAWINGS.
8. 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 FIRMLY SEALED WITH FIRESTOP MATERIALS HAVING A PERIOD OF FIRE RESISTANCE EQUAL TO THE FIRE BARRIERS. 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.
11. 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 SMACNA OR ASHRAE STANDARDS.
13. ALL EQUIPMENT, DUCTWORKS AND OTHER ACCESSORIES INSTALLED OUTDOOR SHALL BE WEATHERPROOFED AND PROTECTED WITH ALUMINUM CLADDING.
14. COORDINATE AND REFER TO ARCHITECTURAL CEILING PLANS AND FINAL FF & E LAYOUT FOR EXACT LOCATION OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES. COORDINATE EXACT LOCATION OF SLOTS, GRILLES, REGISTERS, AND DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLANS. IF A PARTICULAR ITEM IS NOT SHOWN ON THE ARCHITECTURAL REFLECTED CEILING 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 RECTANGULAR DUCTWORK ON THE TOP AND THE SIDES. ALL DUCT TRANSITIONS FROM SQUARE TO ROUND SHALL BE SMOOTH 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 STEEL ANGLES BOLTED, SCREWED OR RIVETED 150mm ON CENTER (MAXIMUM) ALL AROUND THE EXTERIOR PERIMETER 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 AWAY FROM OR PARALLEL TO 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 PLACE.
21. INSULATE ALL SUPPLY AND RETURN AIR DUCTWORK.
22. ALL TERMINAL UNITS, FCU'S, VALVES, FANS AND DAMPERS ABOVE CEILING SHALL BE ACCESSIBLE. COORDINATE ALL ACCESS PANELS IN CEILINGS 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 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 BEFORE FABRICATION AND/OR ASSEMBLY OF PIPING, DUCTS AND ANY DEVICES/COMPONENTS, THE CONTRACTOR SHALL ENSURE THAT EVERYTHING HAS BEEN VERIFIED AT SITE AND COORDINATED WITH ALL THE OTHER DISCIPLINES AS TO CONSTRUCTIBILITY AND MAINTAINABILITY OF THE EQUIPMENT AND UTILITIES. IF FOR ANY REASON, CONFLICT ARISE DUE TO CONTRACTOR'S FAILURE TO FOLLOW THE ABOVE OR HIS LACK OF DUE DILIGENCE, ALL WORKS AS NECESSITATED SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT ADDITIONAL COST CHANGE ORDER.
25. 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.
27. 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 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 SMACNA, ("APO GALFAN" BRAND). DUCT SCHEDULE SHOWN BELOW IS REPRESENTATIVE ONLY.

LARGER DUCT DIMENSION (mm)	U.S. Gsf
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 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 & SYMBOLS			
SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	AIR COOLED CONDENSING UNIT		SUPPLY AIR GRILLE
	FAN COIL UNIT (WALL MOUNTED)		THERMOSTAT/WALL MOUNTED
	FAN COIL UNIT (FLOOR STANDING)		EQUIPMENT DESIGNATION
	CEILING CASSETTE EXHAUST AIR FAN		OSCILLATING FAN (OF)
	IN-LINE AXIAL FRESH AIR FAN		REFRIGERANT PIPES
	WALL MOUNTED EXHAUST AIR FAN		DOOR LOUVER (D/L)

ABBREVIATION			
ABBREV	DESCRIPTION	ABBREV	DESCRIPTION
FCU	FAN COIL UNIT	SAG	SUPPLY AIR GRILLE
CDP	CONDENSATE DRAIN PIPE	l/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



CERTIFIED BY
ROLANDO M. MANAOAT
PROFESSIONAL MECHANICAL ENGINEER

REG. NO.: 4569
TIN NO.: 105-691-252
PTR NO.: 7371938
DATE : JANUARY 21, 2019
PLACE : MAKATI CITY

OWNER
SOCIAL SECURITY SYSTEM
6/F, SSS BUILDING EAST AVENUE, QUEZON CITY

APPROVED BY:
JOSE G. MAGANA
SVP NCR OPERATIONS GROUP

PROJECT TITLE/LOCATION
PROPOSED ONE -STOREY SSS BUILDING
BROD. BUTTONG, LAGOS CITY

SHEET CONTENTS
SITE DEVELOPMENT PLAN, GENERAL NOTES, DRAWING INDEX, LEGEND & SYMBOLS, ABBREVIATIONS

CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.
POB	AUG 2019					20X30	M-001
DESIGNED	DATE					SCALE	PROJECT NO.
JMA	AUG 2019					AS SHOWN	SO-G-15-010
APPROVED	DATE						
RNM	AUG 2019	0					

AIR COOLED CONDENSING UNIT											FAN COIL UNIT										
MARK	QUANTITY	LOCATION	FCU SERVED	CAPACITY	COMPRESSOR TYPE	REFRIGERANT	REFRIGERANT PIPE		ELECTRICAL 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	FCU 1	1	GROUND FLOOR	OFFICE OF THE BRANCH HEAD	6.8	WALL MOUNTED	230/1/60	SPUT-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	CONFERENCE 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	SPUT-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	SPUT-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	FCU 8	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	SPUT-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	SPUT-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	SPUT-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	SPUT-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	SPUT-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	SPUT-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	SPUT-TYPE INVERTER FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES.		

AIR COOLED CONDENSING UNIT(MULTI-SPLIT TYPE)											FAN COIL UNIT(MULTI-SPLIT TYPE)									
MARK	QUANTITY	LOCATION	FCU SERVED	CAPACITY	COMPRESSOR TYPE	REFRIGERANT	REFRIGERANT PIPE		ELECTRICAL DATA		REMARKS	MARK	QUANTITY	LOCATION	AREA SERVED	CAPACITY	TYPE	ELECTRICAL DATA		REMARKS
				KW			RGL	RLL	KW INPUT	V/PH/HZ						KW		KW INPUT	V/PH/HZ	
ACCU/ A	1	GROUND FLOOR	FCU/ 1A	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 ACCESSORIES	FCU/ 1A	1	GROUND FLOOR	ADMINISTRATIVE SECTION	6.8	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES
			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									1	GROUND FLOOR	ACCOUNTS AND MANAGEMENT SECTION	3.7	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES	
ACCU/ B	1	GROUND FLOOR	FCU/ 1B	22	HERMETICALLY SEALED SWING TYPE	R-410A	19.1	9.5	5.94	380/3/60	MULTI- SPLIT TYPE AIR COOLED CONDENSING UNIT C/W STANDARD ACCESSORIES	FCU/ 1B	1	GROUND FLOOR	BANK SERVICE PROVIDER	3.7	WALL MOUNTED	0.03	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES
			FCU/ 2B									1	GROUND FLOOR	UMID	6.8	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES	
			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									1	GROUND FLOOR	LOBBY	6.8	WALL MOUNTED	0.05	230/1/60	FAN COIL UNIT. COMPLETE WITH STANDARD ACCESSORIES	

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M-002
EQUIPMENT SCHEDULE
SCALE NTS

a.c.o.n.g CONSULTING INC. Engineering + Management ISO 9001 2F 17A Building 138 Pineda Street, Legaspi Village, 1229 Makati City, Philippines Tel. Nos. : +632 88688777 / 88688778 / 88688779 Email : info@acong.com.ph / sales@acong.com.ph / hr@acong.com.ph	CERTIFIED BY	OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CAD/0 DESIGNED JMA APPROVED DATE RMM AUG 2019 0	DATE AUG 2019 NO. 0 REVISIONS CHK DATE PAPER SIZE 20X30 AS SHOWN SHEET NO. M-002 PROJECT NO. SO-G-15-010
	ROLANDO M. MANAOAT	SOCIAL SECURITY SYSTEM	PROPOSED ONE -STOREY SSS BUILDING	EQUIPMENT SCHEDULE		
	PROFESSIONAL MECHANICAL ENGINEER	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY	BRDY, BUTONG , LAOAG CITY			
		APPROVED BY: JOSE G. MAGANA SVP NOR OPERATIONS GROUP				

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FRESH AIR FANS														
ITEM	UNIT NO.	QTY	LOCATION	AREA SERVED	TYPE	DRIVE	CAPACITY (CMH)	TOTAL STATIC PRESSURE (Pa)	MOTOR DATA				WEIGHT (KG)	REMARKS
									W	V	PH	HZ		
1	FA/1 TO 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.

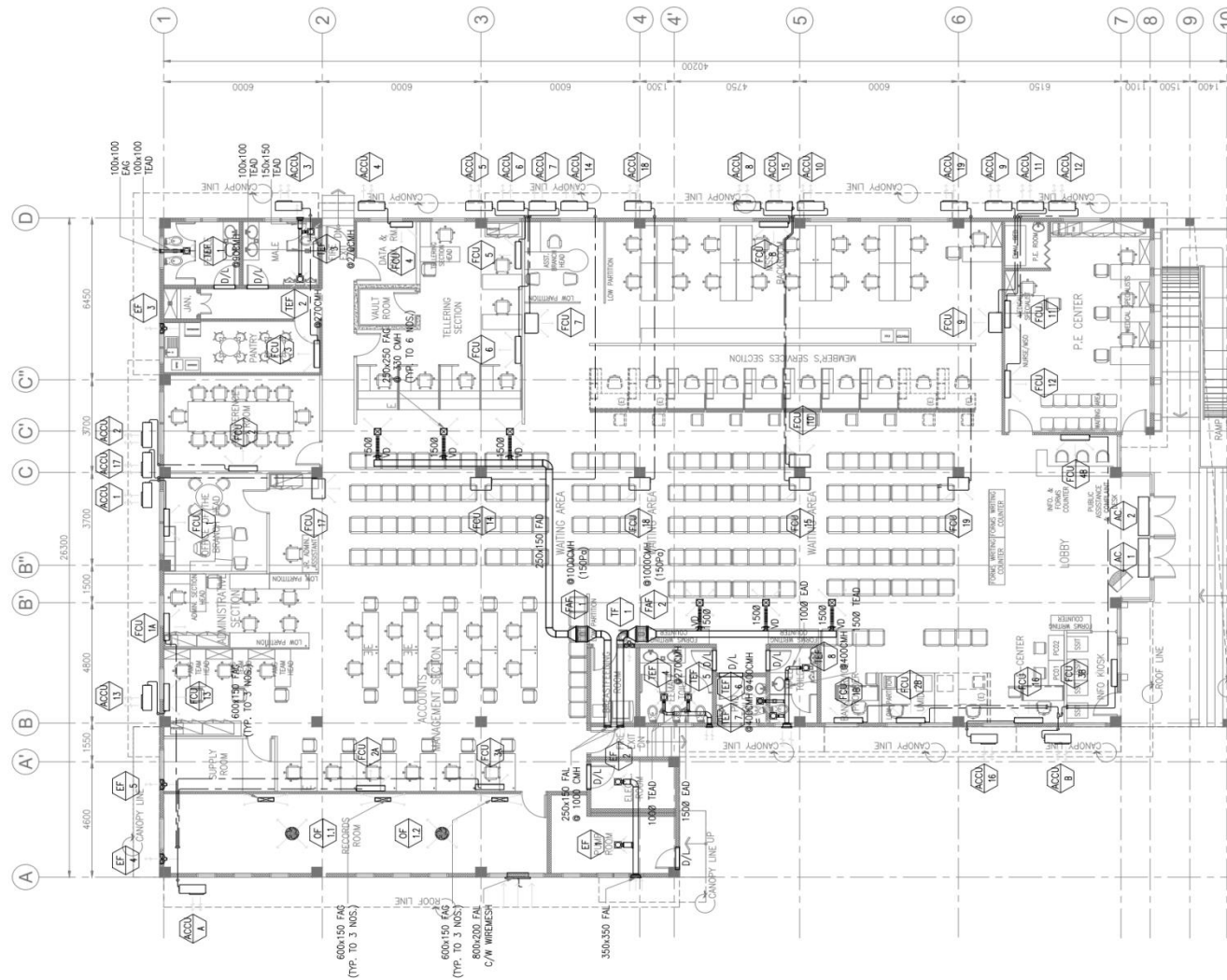
EXHAUST FANS												
ITEM	UNIT NO.	QTY	AREA SERVED	TYPE	CAPACITY (CMH)	TOTAL STATIC PRESSURE (Pa)	MOTOR DATA				WEIGHT (KG)	REMARKS
							W	V	PH	HZ		
1	TEF/1 TO TEF/6	6	TOILET (MALE /FEMALE)	CEILING CASSETTE	180	50	40	230	1	60	1	CEILING CASSETTE EXHAUST FAN COMPLETE WITH STANDARD ACCESSORIES. INTERLOCK W/ LIGHT 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 CURTAIN												
ITEM	UNIT NO.	QTY	LOCATION	TYPE	CAPACITY (CMH)	MOTOR DATA				DIMENSION	WEIGHT (KG)	REMARKS
						W	V	PH	HZ			
1	AC/1	2	MAIN ENTRANCE / EXIT	AMBIENT / NO HEAT	1240 / 2600	650	230	1	60	1550 x 450 x 300	50	HORIZONTAL MOUNTING AIR CURTAIN COMPLETE WITH STANDARD ACCESSORIES.
2	AC/2											

1 EQUIPMENT SCHEDULE
M-003 SCALE NTS

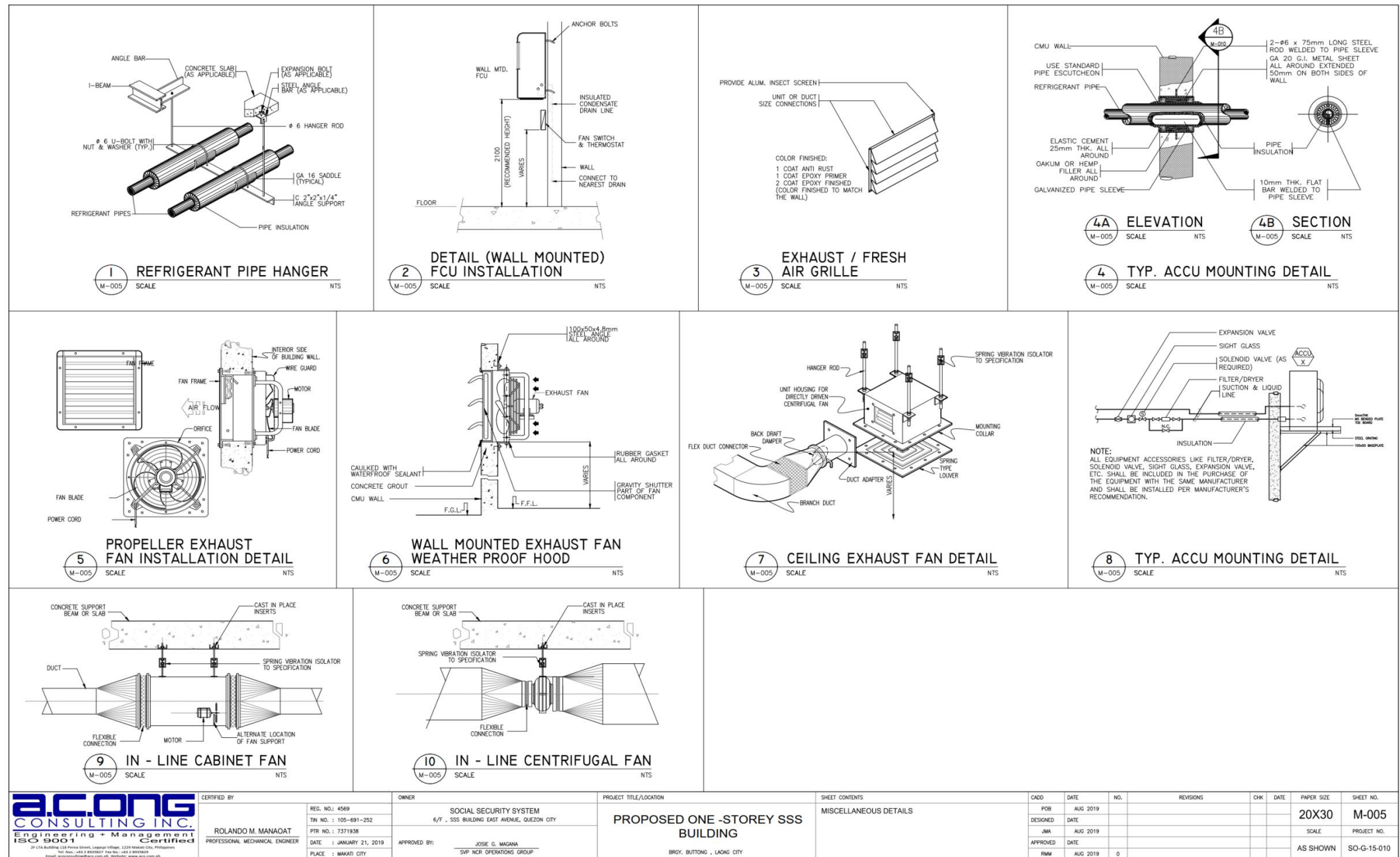
a.c.o.n.g. CONSULTING INC. Engineering + Management ISO 9001 Certified <small>2/F 17A Building 138 Poma Street, Legaspi Village, 1229 Makati City, Philippines Tel. No. : +63 2 89338877 Fax No. : +63 2 89338859 Email: acongconsulting@acoi.com.ph, WebSite: www.acoi.com.ph</small>	CERTIFIED BY	OWNER	PROJECT TITLE/LOCATION	SHEET CONTENTS	CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.
	ROLANDO M. MANAOAT	SOCIAL SECURITY SYSTEM	PROPOSED ONE -STOREY SSS	EQUIPMENT SCHEDULE	POB	AUG 2019					20X30	M-003
	PROFESSIONAL MECHANICAL ENGINEER	6/F , SSS BUILDING EAST AVENUE, QUEZON CITY	BUILDING		DESIGNED	DATE					SCALE	PROJECT NO.
		DATE : JANUARY 21, 2019	APPROVED BY: JOSE C. MAGANA		JMA	AUG 2019					AS SHOWN	SO-G-15-010
		PLACE : MAKATI CITY	SVP. NCR OPERATIONS GROUP		RM	AUG 2019	0					

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1 A/C & VENTILATION LAYOUT
M-004 SCALE 1:100M

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