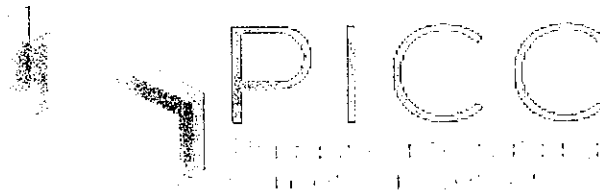


PHILIPPINE INTERNATIONAL CONVENTION CENTER



**PROJECT TITLE : SUPPLY AND INSTALLATION OF
VENTILATION SYSTEM AT THE SERVICE
PANTRY WAREHOUSE**

ABC : P 7,480,335.00

Reference/s : PICC APP2025-MC-54

**ITB-2025
April 23, 2025**

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

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.

CDA – Cooperative Development Authority.

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])

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.

Contractor – is a natural or juridical entity whose proposal was accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded. Contractor as used in these Bidding Documents may likewise refer to a supplier, distributor, manufacturer, or consultant.

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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]).

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.

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.

PCAB – Philippine Contractors Accreditation Board.

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.

UN – United Nations.

Section I. Invitation to Bid



BIDS AND AWARDS COMMITTEE

Invitation to Bid for the Supply and Installation of Ventilation System at the Service Pantry Warehouse

1. The *Philippine International Convention Center (PICC)*, through the *Approved Budget for CY 2025*, intends to apply the sum of **SEVEN MILLION FOUR HUNDRED EIGHTY THOUSAND THREE HUNDRED THIRTY-FIVE PESOS (P7,480,335.00), VAT Inclusive**, being the Approved Budget for the Contract (ABC) to payments under the contract for the **Supply and Installation of Ventilation System at the Service Pantry Warehouse (APP No.2025-MC-54)**. Bids received in excess of ABC shall be automatically rejected at bid opening
2. The *PICC* now invites bids for the abovementioned requirement. Bidders should have completed, within three (3) years from the date of submission and receipt of bids, a contract similar to the abovementioned requirement. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Prospective Bidders may obtain further information from the *PICC-BAC* and inspect the Bidding Documents at the address given below during office hours.
5. A complete set of Bidding Documents may be acquired by prospective bidders starting **July 7, 2025** from the given address and website(s) below and *upon payment of a non-refundable fee in the amount of Eight Thousand Pesos Only (P8,000.00)*. A bidder shall present its proof of payment for the fees *by furnishing the PICC-BAC a copy of the Acknowledgement Receipt*.
6. The *PICC-BAC* will hold a Pre-Bid Conference on **July 15, 2025 at 1:30 p.m.** at *D-100, Ground Floor, Delegation Building, PICC* and/or through videoconferencing/webcasting *Via Zoom/Google Meet*, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before **July 29, 2025 at 1:00 p.m.**. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on **July 29, 2025 at 1:30 p.m.** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The *PICC* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

11. For further information, please refer to:

*BIDS AND AWARDS COMMITTEE
PHILIPPINE INTERNATIONAL CONVENTION CENTER
PICC Complex, Pasay City 1307
87894759 to 61
Email: procurement@picc.gov.ph*

12. You may visit the following websites:

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



MELAN M. ESPELA
Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, *Philippine International Convention Center* wishes to receive Bids for the *Supply and installation of Ventilation System at the Service Pantry Warehouse* with identification numbers *PICC APP2025-MC-55*.

2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for 2025 in the total amount of ₱7,480,335.00.
- 2.2. The source of funding is:
 - a. GOCC and GFIs, the Corporate Operating Budget.

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership 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. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.

- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that:

- a. Subcontracting is not allowed.

- 7.2. *[If Procuring Entity has determined that subcontracting is allowed during the bidding, state:]* The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.

- 7.3. *[If subcontracting is allowed during the contract implementation stage, state:]* The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.

- 7.4. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

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 at and/or through videoconferencing/webcasting as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

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

11. Documents comprising the Bid: Financial Component

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

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
 - a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, 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 e.
 - b. For Goods offered from abroad:
 - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly,

the Bidder may obtain insurance services from any eligible source country.

- ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

13. Bid and Payment Currencies

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

13.2. Payment of the contract price shall be made in:

- a. Philippine Pesos.

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration¹ or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid one hundred twenty (120) calendar days from the date of opening of bids. 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 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case

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

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. 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.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:

One Project having several items 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

- 20.2. 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**.

III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
5	<p>The following persons shall be eligible to participate in this bidding:</p> <ul style="list-style-type: none"> a. Duly licensed Filipino citizens/sole proprietorships; b. Partnerships duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the interest belongs to citizens of the Philippines; c. Corporations duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the outstanding capital stock belongs to citizens of the Philippines; d. Cooperatives duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the interest belongs to citizens of the Philippines; and e. Must be engaged in the business of supply and installation, repair and maintenance of Exhaust Ventilation System for the last three (3) years.
5.3	<p>For this purpose, similar contract shall refer to supply and installation repair and maintenance of Exhaust Ventilation System.</p> <p>The Bidder must have completed within the last three (3) years a single contract that is similar to this requirement, the amount of which shall be at least fifty percent (50%) of the ABC of the Project to be bid.</p>
7.1	Sub-contracting is not allowed
8	The PICC will hold a pre-bid conference on July 15, 2025 at 1:30 p.m.
12	Not applicable
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> <ul style="list-style-type: none"> a. In the amount of not less than ₱149,606.70, or Cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. Surety Bond in the amount of not less than ₱374,016.75.
15	<p>Sealing and Marking of Bids</p> <p>Each Bidder shall submit the original and one (1) copy of the first and second components of its Bid. Technical and Financial documents must be placed in separate envelopes properly marked and sealed (please see attached Illustrations)</p>
16.1	<p>The address for submission of bids is:</p> <p style="text-align: center;">PICC-Bids and Awards Committee (BAC) Secretariat Ground Floor, Delegation Building PICC Complex, 1307 Pasay City</p> <p>The deadline for submission of bids is July 29, 2025 at 1:00 p.m.</p>

17.1	<p>The place of bid</p> <p style="text-align: center;">BAC CONFERENCE ROOM D-100, Ground Floor, Delegation Building PICC Complex, 1307 Pasay City</p> <p>The date and time of bid opening is July 29, 2025 at 1:30 a.m.</p> <p>In the event that the Bids cannot be opened as scheduled due to justifiable reasons, and in the absence of prior BAC activities, the BAC will take custody of the submitted Bids, with the opening deferred to the next working day at the same time and venue. The BAC will issue a formal Notice to Bidders by posting it on the BAC Secretariat/Procurement Unit electronic bulletin board and the PICC website, providing the revised schedule.</p>
19.3	<p>Total ABC is SEVEN MILLION FOUR HUNDRED EIGHTY THOUSAND THREE HUNDRED THIRTY-FIVE PESOS (P7,480,335.00), VAT Inclusive.</p>
20.2	<p>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 LCB, the Bidder shall submit the following documentary requirements:</p> <ul style="list-style-type: none"> a. CY 2024 Income and Business Tax Returns with proof of payment; b. Sections III and V of the bid documents, signed on each and every page by the bidder's authorized representative; c. Company profile and organizational chart; d. List of works/projects related to the supply and installation, repair and maintenance of Supply/Exhaust Ventilation System detailing the name of clients, contact person and telephone numbers, completion dates and contract price for the last three (3) years e. Certificate of ocular inspection issued by Mechanical Services Division f. Certificate of Satisfactory Completion & Acceptance of previous PICC projects undertaken within the last three (3) years, if any.
21.2	<p>No additional requirement</p>

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 prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184

4. Inspection and Tests

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

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

5. Warranty

- 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	The Procuring Entity is <i>The Philippine International Convention Center (PICC)</i>								
2.2	<p>Payment</p> <p>Payment shall be released in full within thirty (30) calendar days after final acceptance by PICC or its representative of the Contractor's completed work, and submission of billing and complete supporting documents by Contractor as follows:</p> <ol style="list-style-type: none"> 1.) Billing Invoice / Service Invoice 2.) Valid Tax Clearance 3.) Accomplishment Report with percentage of accomplishment and progress photo 4.) Delivery receipt of equipment/materials 5.) Testing and commissioning report 6.) Two (2) sets of Equipment manuals as follows: <ol style="list-style-type: none"> 6.1. equipment specifications catalog 6.2. operation and maintenance manual. 7.) Original Notarized copy of One (1)-Year Warranty Certificate for workmanship and materials/equipment supplied by the Contractor. 8.) Three (3) sets Detailed As-built installation plans and three (3) sets electrical layout. One of the three (3) sets of each plan is the original drawing using tracing paper, 30"x40" sheet format. Others are in blue prints 								
3	<p>Performance Security</p> <p>Within ten (10) calendar days from receipt of the Notice of Award, 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 following forms:</p> <table border="1" data-bbox="383 1430 1383 1917"> <thead> <tr> <th data-bbox="383 1430 912 1524">Form of Performance Security</th><th data-bbox="912 1430 1383 1524">Amount of Performance Security (Equal to Percentage of the Total Contract Price)</th></tr> </thead> <tbody> <tr> <td data-bbox="383 1524 912 1619">Cash or Cashier's/Manager's Check issued by a Universal or Commercial Bank.</td><td data-bbox="912 1524 1383 1619">Five percent (5%)</td></tr> <tr> <td data-bbox="383 1619 912 1713">Bank draft/guarantee issued by a Universal or Commercial Bank</td><td data-bbox="912 1619 1383 1713">Five percent (5%)</td></tr> <tr> <td data-bbox="383 1713 912 1917">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 data-bbox="912 1713 1383 1917">Thirty percent (30%)</td></tr> </tbody> </table>	Form of Performance Security	Amount of Performance Security (Equal to Percentage of the Total Contract Price)	Cash or Cashier's/Manager's Check issued by a Universal or Commercial Bank.	Five percent (5%)	Bank draft/guarantee issued by a Universal or Commercial Bank	Five percent (5%)	Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Thirty percent (30%)
Form of Performance Security	Amount of Performance Security (Equal to Percentage of the Total Contract Price)								
Cash or Cashier's/Manager's Check issued by a Universal or Commercial Bank.	Five percent (5%)								
Bank draft/guarantee issued by a Universal or Commercial Bank	Five percent (5%)								
Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Thirty percent (30%)								

5	<p data-bbox="373 138 503 170">Warranty</p> <p data-bbox="430 201 1391 296">One (1) year warranty for workmanship and parts/materials/equipment supplied by the Contractor. Said warranties shall include travel time and expense and provision of on-site service and labor.</p> <p data-bbox="430 327 1391 684">The obligation for the warranty shall be covered by, at the Contractor's option, either retention money in an amount equivalent to five percent (5%) of the Contract amount, or a bank guarantee certificate equivalent to five percent (5%) of the total Contract amount. Said warranty obligation shall be released only after the expiration of warranty period, however, the same will be forfeited by PICC as part of payment for any damage of ventilation equipment or accessories and/or any other PICC property at worksite if the contractor refuses or fails to restore/repair the damaged equipment and/ or replace its damaged components/parts attributable to contractor during the installation process/test run and warranty period.</p>
6	<p data-bbox="373 726 1391 789">The period for correction of defects is seven (7) calendar days upon receipt of notice from PICC project-in-charge.</p>

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 Number	Description	Delivered, Weeks/Months
1	Supply and Installation of Ventilation System at the Service Pantry Warehouse	Completion shall be within One Hundred Twenty (120) Calendar Days after receipt of Notice to Proceed for the required/agreed test periods.

The contractor shall be granted extension of completion time for additional work/s not covered herein due to any work delays attributable to PICC, force majeure and/or caused by problems beyond its control. In case of delay in the required completion time or delivery period, inclusive of duly granted time extensions if any, the Contractor shall be liable for damages for the delay and shall pay the PICC for liquidated damages an amount equivalent to 1/10th of one percent (1%) of the total value of the uncompleted portion of the project for each day of delay until such time the project is finally completed and accepted by PICC. Said penalty on delay shall be charged to any amount due to the Contractor, or in the absence or insufficiency thereof, from the performance bond/security. In case of insufficiency of the bond, the Contractor shall pay the balance to PICC upon notice.

I hereby commit to comply and deliver all the above requirements in accordance with the above stated schedule.

Name of Company / Bidder

Signature over printed Name of Authorized Representative

Position

Date

Section VII. Technical Specifications
(REFER TO THE PICC SCOPE OF WORKS)

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 Registration Certificate (Platinum Membership) (all pages) **in accordance with Section 8.5.2 of the IRR. If any of the documents listed in Annex "A" are expired, updated or current versions must be included in the technical component of the bid submission;**

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 **(Annex "A"); 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 the relevant period as provided in the Bidding Documents **(Annex "B"); and**
- (d) Original copy of Bid Security. 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 **(Annex C"); and**
- (e) Conformity with the Technical Specifications **(Section VII – signed on each and every page, including the drawings)**, and Schedule of Requirements **(Section VI)**, 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 **(Annex "D").**

Financial Documents

- (g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) **(Annex "E") or A** committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

- (h) 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.

II. FINANCIAL COMPONENT ENVELOPE

- (i) Original of duly signed and accomplished Financial Bid Form;
- (j) Original of duly signed and accomplished Bill of Quantities.

Standard Form Number: SF-GOOD-13a
Revised on: July 28, 2004

List of all Ongoing Government & Private Contracts including contracts awarded but not yet started

Business Name : _____
Business Address : _____

Name of Contract/ Project Cost	Owner's Name a. Address b. Telephone Nos. c.	Nature of Work	Bidder's Role		a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works / Undelivered Portion
			Description	%		Planned	Actual	
Government								
Private								
Total Cost								

Submitted by : _____
Designation : _____
Date : _____
(Printed Name & Signature)

One of the technical documents required to be in the Eligibility Envelope of a prospective bidder is a list of all its on-going, completed, and awarded but not yet started contracts.

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

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

BID SECURING DECLARATION
Project Identification No.: *[Insert number]*

To: *[Insert name and address of the Procuring Entity]*

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

SUBSCRIBED AND SWORN to before me this ____ day of *[month]* *[year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government*

identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on ____ at _____.

Witness my hand and seal this ____ day of *[month]* *[year]*.

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. _____ *[date issued]*, *[place issued]*

IBP No. _____ *[date issued]*, *[place issued]*

Doc. No. _____

Page No. _____

Book No. _____

Series of _____

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

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 [Name of the Project] of the [Name of the Procuring Entity], 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 [Name of the Project] of the [Name of the Procuring Entity], 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 *[Name of the Project]*.
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

SUBSCRIBED AND SWORN to before me this ____ day of *[month]* *[year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by

me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on ____ at _____.

Witness my hand and seal this ____ day of *[month]* *[year]*.

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. _____ *[date issued], [place issued]*

IBP No. _____ *[date issued], [place issued]*

Doc. No. _____

Page No. _____

Book No. _____

Series of _____

PHILIPPINE INTERNATIONAL CONVENTION CENTER

Name of the Project: ***Supply and Installation of Ventilation System at the Service Pantry Warehouse***

FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK

- A. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached Income Tax Return and Audited Financial Statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year and a certified copy of Schedule of Fixed Assets particularly the list of construction equipment.

		Year 20
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net Worth (1-3)	
6.	Net Working Capital (2-4)	
7	Value of all outstanding or uncompleted portions of the project under ongoing contracts, including awarded contracts yet to be started coinciding with contract to be bid.	

- B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC = [(Current assets minus current liabilities) (15)] minus value of all outstanding or uncompleted portions of the project under ongoing contracts, including awarded contracts yet to be started coinciding with contract to be bid.

NFCC = P _____

The values of the bidder's current assets and current liabilities shall be based on the data submitted to the BIR.

or

A committed Line of Credit, in an amount to at least ten percent (10%) of the ABC, issued by a Universal of Commercial Bank.

Submitted by:

Name of Supplier / Distributor / Manufacturer

Signature of Authorized Representative

Date: _____

Note:

1. If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the above requirements.

SEALING AND MARKING OF BIDS

Original Eligibility
and Technical
Documents
(Sealed)

Original Financial
Documents
(Sealed)

ORIGINAL BID (Sealed)

Copy 1 of Eligibility
and Technical
Documents (Sealed)

Copy 1 of Financial
Documents
(Sealed)

COPY 1 (Sealed)

MAIN ENVELOPE (Sealed)

NAME OF CONTRACT TO BE BID

NAME AND ADDRESS OF BIDDER

BAC/PROCURING ENTITY

DO NOT OPEN BEFORE

BID FORM

Date: _____

Project Identification No.: APP2025-MC-54

To: *[name and address of Procuring Entity]*

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 **Supply and Installation of Ventilation System at the Service Pantry Warehouse** the sum of:

TOTAL AMOUNT: INCLUSIVE OF VALUE ADDED TAX (VAT)

_____ P _____
(Amount in Words) (Amount in figures)

or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules 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 (see attached),

If our Bid is accepted, we undertake:

- a. to deliver the services in accordance with the 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.

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, 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: _____




TECHNICAL SERVICES DEPARTMENT
Mechanical Services Division

**Scope of Works for the Supply and
Installation of Ventilation System at the
Service Pantry Warehouse**

APP No.: PICC APP2025-MC-54

Date: July 3, 2025

End-User :



Mario B. Macanas
Assistant Director, TSD-MSD

Technical Specifications

Supply and Installation of Ventilation System at the Service Pantry Warehouse

Item	Specification	Statement of Compliance
	<p>Supply, delivery and installation of independent Ventilation System at Service Pantry Warehouse including Ductwork System with minimum requirement for system design analysis, value engineering, safety watch, equipment assembly, duct fabrication, equipment installation, electrical and control system installation, air balancing, testing and commissioning to make the equipment fully operational. All works herewith shall include but not limited to the following:</p> <p>(See attached drawings):</p> <p>1. Installation of Supply and Exhaust Ventilation System at Service Pantry Warehouse:</p> <p>1.1. Supply, deliver and install the following minimum requirement of Supply/Exhaust Ventilation Units complete with power supply, motor controllers and other necessary accessories at the Warehouse Area and Loading Bay Area of the Service Pantry warehouse to include but not necessarily limited to the following:</p> <p>1.1.1. One (1) unit Supply Fan Blower, Centrifugal In-Line Blower, Belt-driven Forward Blade with cabinet, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, 14,200cfm to 15,000cfm capacity, with heavy-duty Variable Frequency Drive (VFD) IEC Standards, equipped with a by-pass starter control, Direct on Line Starter for 3.75TR (5HP) and below; Wye Delta Starter for 5.65TR (7.5HP) and above, in National Electrical Manufacturers Association (NEMA)-1 enclosure. Silent-type Exhaust Fan equipped with adjustable motor base/mechanical adjuster. Blower housing cabinet enclosure shall be double wall insulated casing. Noise level shall not exceed 50dB(A) measured at 1.5 meter below the center of the unit. 460-480Volts, 3 phase, 60Hz, 7.5Hp motor, SP=1.5". Exhaust shall be complete with all necessary accessories to make it operational. If the Ventilation Equipment supplied is 220V-240V or 380V, the Contractor shall provide a step-down transformer.</p> <p>1.1.2. One (1) unit Supply Fan Blower, Centrifugal In-Line Blower, Belt-driven Forward Blade with cabinet, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, 10,400cfm to 11,000cfm</p>	

capacity, with heavy-duty Variable Frequency Drive (VFD) IEC Standards, equipped with a by-pass starter control, Direct on Line Starter for 3.75TR (5HP) and below; Wye Delta Starter for 5.65TR (7.5HP) and above, in National Electrical Manufacturers Association (NEMA)-1 enclosure. Silent-type Exhaust Fan equipped with adjustable motor base/mechanical adjuster. Blower housing cabinet enclosure shall be double wall insulated casing. Noise level shall not exceed 50dB(A) measured at 1.5 meter below the center of the unit. 460-480Volts, 3 phase, 60Hz, 7.5Hp motor, SP=1.5". Exhaust shall be complete with all necessary accessories to make it operational. If the Ventilation Equipment supplied is 220V-240V or 380V, the Contractor shall provide a step-down transformer.

1.1.3. One (1) unit Supply Fan Blower, Centrifugal In-Line Blower, Belt-driven Forward Blade with cabinet, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, 11,400cfm to 12,000cfm capacity, with heavy-duty Variable Frequency Drive (VFD) IEC Standards, equipped with a by-pass starter control, Direct on Line Starter for 3.75TR (5HP) and below; Wye Delta Starter for 5.65TR (7.5HP) and above, in National Electrical Manufacturers Association (NEMA)-1 enclosure. Silent-type Exhaust Fan equipped with adjustable motor base/mechanical adjuster. Blower housing cabinet enclosure shall be double wall insulated casing. Noise level shall not exceed 50dB(A) measured at 1.5 meter below the center of the unit. 460-480Volts, 3 phase, 60Hz, 7.5Hp motor, SP=1.5". Exhaust shall be complete with all necessary accessories to make it operational. If the Ventilation Equipment supplied is 220V-240V or 380V, the Contractor shall provide a step-down transformer.

1.1.4. One (1) unit Exhaust Fan Blower, Tubular Centrifugal In-Line Blower, Belt-driven Forward Blade with cabinet, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, 13,500cfm to 14,000cfm capacity, with heavy-duty Variable Frequency Drive (VFD) IEC Standards, equipped with a by-pass starter control, Direct on Line Starter for 3.75TR (5HP) and below; Wye Delta Starter for 5.65TR (7.5HP) and above, in National Electrical Manufacturers Association (NEMA)-1 enclosure. Silent-type Exhaust Fan equipped with adjustable motor base/mechanical adjuster. Blower

housing cabinet enclosure shall be double wall insulated casing. Noise level shall not exceed 50dB(A) measured at 1.5 meter below the center of the unit. 460-480Volts, 3 phase, 60Hz, 7.5Hp motor, SP=1.5". Exhaust shall be complete with all necessary accessories to make it operational. If the Ventilation Equipment supplied is 220V-240V or 380V, the Contractor shall provide a step-down transformer.

- 1.1.5. One (1) unit Exhaust Fan Blower, Tubular Centrifugal In-Line Blower, Belt-driven Forward Blade with cabinet, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, 10,800cfm to 11,500cfm capacity, with heavy-duty Variable Frequency Drive (VFD) IEC Standards, equipped with a by-pass starter control, Direct on Line Starter for 3.75TR (5HP) and below; Wye Delta Starter for 5.65TR (7.5HP) and above, in National Electrical Manufacturers Association (NEMA)-1 enclosure. Silent-type Exhaust Fan equipped with adjustable motor base/mechanical adjuster. Blower housing cabinet enclosure shall be double wall insulated casing. Noise level shall not exceed 50dB(A) measured at 1.5 meter below the center of the unit. 460-480Volts, 3 phase, 60Hz, 7.5Hp motor, SP=1.5". Exhaust shall be complete with all necessary accessories to make it operational. If the Ventilation Equipment supplied is 220V-240V or 380V, the Contractor shall provide a step-down transformer.

Note: All mechanical equipment shall be of silent-type and mounted by a hanger and support with vibration isolators to prevent the transmission of vibration and mechanically transmitted sound to the building structure. Vibration isolators shall be selected in accordance with the weight distribution so as to produce reasonably uniform deflection. Isolator types and deflections shall be as noted on the equipment schedules.

- 1.1.6. One (1) lot Various Electrical/Control Materials:

- 1.1.6.1. One (1) unit Enclosed Circuit Breaker, 125AT/AF, Molded Case Circuit Breaker, 3-poles, 60Hz for Main Circuit Breaker and four (4) units 30AT/AF, Molded Case Circuit Breaker, 3-poles, 60Hz for Sub Circuit Breakers or what is being recommended by

	<p>the manufacturer for safe and proper operation of each unit installed.</p> <p>1.1.6.2. One (1) lot Weather Proof/NEMA 4X Panelboard.</p> <p>1.1.6.3. One (1) lot Electrical Wires, 3 x 30mm²/2awg THHN Copper wire + 1 x 5.5mm²/10awg THHN (ground) for the 125AT/AF and 3 x 5.5mm²/10awg THHN Copper wire + 1 x 3.5mm²/12awg THHN (ground) for the 30AT/AF or what is being recommended by the manufacturer for each unit installed complete with IMC conduits and hanger and supports.</p> <p>1.1.6.4. Four (4) sets On and off (green and red) industrial control switch with pilot light indicator, selector switch, relays, wires and conduits, overload protector and other necessary items for the Manual/By Pass Starter Control.</p> <p>1.1.6.5. Four (4) units heavy-duty Variable Frequency Drive Motor Controller</p> <p>1.1.7. One (1) lot Ductwork shall be of galvanized iron sheet in gages conforming American Society for Testing and Materials (ASTM) A527, coating G90 "Apo Galfan". Duct construction shall be in accordance with Sheet Metal and Air Conditioning Contractors National Association (SMACNA) low velocity duct manual and American Society of Heating, Refrigeration and Air-conditioning Engineers (ASHRAE) recommendation.</p> <p>1.1.7.1. Volume control damper, turning vanes & split dampers at all branches of exhaust air ducting shall be provided/installed at points/sections as necessary for proper air balancing.</p> <p>1.1.7.2. Use semi rigid round flexible duct from duct to exhaust grille connection using a duct connector (DC150) and steel clamps (SC2150). Flexible duct shall not exceed 3m in length and is made from 0.1mm thick aluminum. AS1530.3 and S1668.1 compliant. Temp-rated from -20C to 150C.</p> <p>1.1.7.3. Certified Reports: Submit testing, adjusting, and air balancing reports bearing the seal and/or signature of the Test and Balance</p>	
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Engineer. The reports shall be certified proof that the systems have been tested, adjusted, and balanced in accordance with the referenced standards; are an accurate representation of how the systems have been installed; are a true representation of how the systems are operating at the completion of the testing, adjusting, and air balancing procedures. These would also serve as an accurate record of all final quantities measured, to establish normal operating values of the systems.

1.1.7.4. Flexible connectors shall be made of an approved non-combustible material conforming to ASTM Standard D 1571.

1.1.7.5. All duct penetrations passing through a fire rated walls and floors partitions shall be provided with Intumescent Firestopping compound that have been tested and approved in accordance with ASTM E-814 and Underwriters Laboratories (UL) 1479.

1.1.7.6. Exhaust Air Grille and Supply Air Grille shall be fixed blade, 45 deg. Deflection and Jet Nozzle-type, steel construction, oven baked enamel paint finish. (refer to approved drawing for sizes)

1.1.7.7. The width of the sheet metal ducts and stiffeners shall be as follows:

TABLE 1. WIDTH AND GAUGE FOR DUCT METAL

G.I. DUCT WIDTH	GAUGE
0 to 300mm	Ga. 26 (0.5 mm thick)
325mm to 750mm	Ga. 24 (0.60 mm thick)
775mm to 1350mm	Ga. 22 (0.80 mm thick)
1375mm to 2100mm	Ga. 20 (1.00 mm thick)
Over 2100mm	Ga. 18 (1.20 mm thick)

TABLE 2. STIFFENERS FOR DUCTS

G.I. DUCT WIDTH	SIZE OF STIFFENER
Up to 450mm	1" x 1" x 1/8"
Over 475mm to 900mm	1" x 1" x 1/8"
Over 925mm to 1350mm	1 1/4" x 1 1/4" x 1/8"

Over 1375mm to 1800mm	1 ½" x 1 ½" x 3/16"
Over 1825mm to 2400mm	2" x 2" x 3/16"
Over 2425mm	2 ½" x 2 ½" x ¼"

IV. SPECIAL/OTHER CONDITIONS OF THE CONTRACT:

1. The contractor must conduct site survey and inspection.
2. The Contractor shall provide a safety personnel for the duration of the work. Safety personnel shall monitor the Contractor's personnel as they carry out the work and be responsible for hazard assessment, first aid, safety watch, spotter duties, gas monitoring, hot works monitoring, fall protection and etc. Assigned personnel shall be in their Contractor-supplied Personnel Protective Equipment (PPEs), and comply other Health/Safety Regulations
3. The Contractor shall install safety signs and/or devices and display it in designated and/or conspicuous areas for public information and general safety.
4. The Contractor, shall be responsible for supervising and directing the work, using the best highly skilled technicians and mechanics. All works and inspections shall be conducted by the Contractor's skilled personnel and engineers and will be accompanied by the PICC Assistant Director of Mechanical Services Division or his representative.
5. "Hot works" will be carried-out by a highly skilled welder along with his/her safety watcher and that a personal fire extinguisher/s should always be stationed in the area for emergency purpose.
6. The Contractor shall provide sub watt-hour meter as well as sub-water meter for the purpose of monitoring the power and water consumption which will be charged to the Contractor.
7. All works and requirements not expressly included in the scope of work, but are absolutely necessary or are standard practices or requirements in similar installations, shall be considered integral part of the scope of work.
8. The contractor shall report to PICC on or before the bidding, any perceived or evident condition that would prevent the same from performing first class work.
9. Any work that may affect the operation and security measures of PICC shall be coordinated properly and shall be done in accordance with the PICC' approved schedule.
10. Thickness of the above-mentioned materials to be used in the actual fabrication could be thicker than the required but it must not be thinner.

	<p>11. Submit work methodology and materials sample for approval prior to start of the project.</p> <p>12. Provide covering (plastic sheet or appropriate materials) of the items stored at the area so as not to be damaged during the installation of ventilation ducts/units.</p> <p>13. Conduct final testing and commissioning, air balancing test of all the supplied, and installed Ventilation Units in the presence of PICC's Project-in-Charge or his authorized representative and submit final report.</p> <p>14. The Contractor shall ensure that its assigned personnel and/or representatives shall comply with, and submit themselves to, the rules and regulations of the PICC on security, sanitation, environmental compliance, safety and health protocols and other regulations.</p> <p>15. The Contractor must submit NBI or Barangay Clearance of its personnel to be assigned at the PICC.</p> <p>16. Contractor's personnel must be in their company uniform and ID while inside the PICC premises.</p> <p>17. Restoration cost of any damage/s due to negligence/poor workmanship shall be borne by the Contractor.</p> <p>18. The Contractor should free the PICC and its personnel from and against all liabilities arising from injuries or liabilities to persons or damages to property occasioned by any act or omissions by the Contractor including any and all expenses, legal or otherwise which may be incurred by PICC and its personnel in the defense of any claim, action or suit.</p> <p>19. The Contractor shall undertake full responsibility and liability for any damage or loss of property or death of personnel, which may occur in the PICC premises arising from the fault or negligence of any of its personnel</p>	
<p style="text-align: center;">STATEMENT OF COMPLIANCE</p> <p style="text-align: center;"><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.</i></p>		







Note:

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.

PICC DRAWINGS

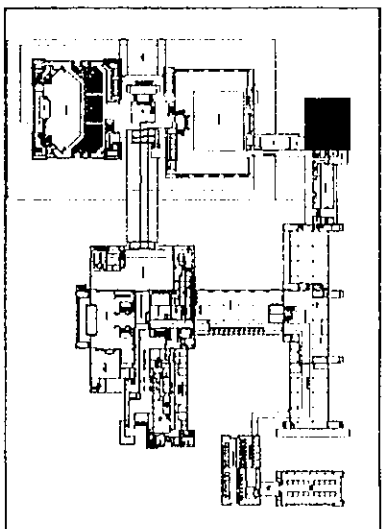
**Supply and Installation of Ventilation
System at the Service Pantry
Warehouse**

EQUIPMENT SCHEDULE VENTILATING FANS

DESIGNATION	QTY.	AREA SERVED	AREA (SQ.M.)	TYPE	AIR FLOW RANGE (Qm)	T.S.P (M.WG)	MOTOR RATING (HP)	FAN EFF.	DRIVE	ELECTRICAL CHARACTERISTIC (V/PH/HZ)
 1	1	WAREHOUSE (GROUND LEVEL)	536	CENTRIFUGAL, INLINE BLOWER ASST. DRIVE, HOUSING SUPPLY FAN	14,200 TO 15,000	1.5	7.5	70%	BELT-DRIVEN	480/3/60
 1	1	WAREHOUSE (MEZZANINE)		CENTRIFUGAL, INLINE BLOWER ASST. DRIVE, HOUSING SUPPLY FAN	10,400 TO 11,000	1.5	7.5	70%	BELT-DRIVEN	480/3/60
 1	1	WAREHOUSE		TUBULAR INLINE BLOWER ASST. EXHAUST FAN	13,500 TO 14,000	1.0	7.5	70%	BELT-DRIVEN	480/3/60
 1	1	LOADING AREA		CENTRIFUGAL, INLINE BLOWER ASST. DRIVE, HOUSING SUPPLY FAN	11,400 TO 12,000	1.5	7.5	70%	BELT-DRIVEN	480/3/60
 1	1	LOADING AREA	3744	TUBULAR INLINE BLOWER ASST. EXHAUST FAN	10,800 TO 11,500	1.0	7.5	70%	BELT-DRIVEN	480/3/60
 1	1	LOADING AREA		TUBULAR INLINE BLOWER ASST. EXHAUST FAN	10,800 TO 11,500	1.0	7.5	70%	BELT-DRIVEN	480/3/60

GENERAL NOTES :


1. ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.
2. ALL EQUIPMENTS SHALL BE INSTALLED IN APPROXIMATE LOCATION AS SHOWN IN THE DRAWINGS.
3. CONTRACTOR MUST SUBMIT SHOP DRAWINGS INDICATING ACTUAL EQUIPMENT DIMENSIONS, TECHNICAL SPECIFICATION OF OPERATION, DETAILS OF MECHANICAL COMPONENTS, ATTACHING MOTOR/PRIME MOVERS, THE AUXILIARY COMPONENTS OF THE EQUIPMENT AND THE WEIGHT OF THE EQUIPMENT.
4. SUFFICIENT CLEARANCE SHALL BE PROVIDED IN THE DESIGN PLANS TO FACILITATE MAINTENANCE WORKS. HOWEVER, SHOULD THERE BE A DIFFERENCE IN THE DIMENSION IN THE ACTUAL EQUIPMENT FROM THOSE INDICATED IN THE PLANS, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER IN WRITING AND PRESENT A PROPOSED SHOP DRAWING FOR APPROVAL.
5. ALL EQUIPMENT SHALL BE MOUNTED/SUPPORTED W/ VIBRATION ISOLATOR UNITS OR EQUIVALENT ASSEMBLIES.
6. THE CONTRACTOR SHOULD COORDINATE HIS WORK CLOSELY WITH OTHER TRADES.
7. ALL MATERIALS AND EQUIPMENT DELIVERED TO THE SITE SHOULD BE GUARANTEED BRAND NEW AND COVERED WITH PLASTIC ACETATE OR EQUIVALENT MATERIAL TO KEEP THE MATERIALS & EQUIPMENT CLEAN.
8. ANY DEVIATIONS AND REVISIONS FROM THE DESIGN PLANS SHOULD BE REFERRED TO THE ENGINEER FOR REVIEW AND APPROVAL.
9. ALL WORKS SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER DATE OF ACCEPTANCE.

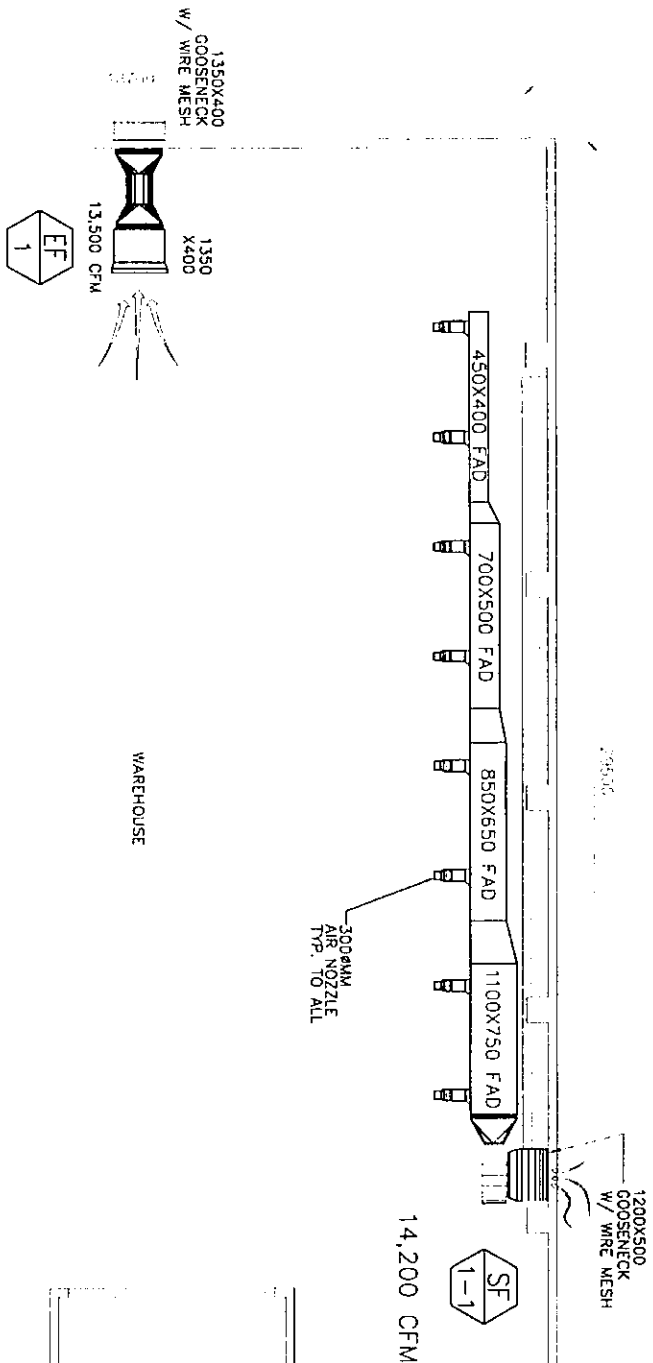


EQUIPMENT SCHEDULE, KEY PLAN GENERAL NOTES

SCALE: 1/4" = 1'-0"

NTS


 PICC Philippine International Convention Center		PROPOSED VENTILATION EQUIPMENT OF SERVICE PANTRY WAREHOUSE		DATE: 02-24-2025	PREPARED BY: ENGR. RODRANTE JUBILANO, SHIFT SUPERVISOR, ELECTRICAL M&D	RECOMMENDING FOR APPROVAL: ENGR. EDISON T. AURELIO, OFFICER IN CHARGE, ISD	APPROVED BY: ATTY. NICOLETTE ANN P. CRUZ, GENERAL MANAGER
LOCATION: PICC COMPLEX, PASAY CITY		REVISION: 00		CHECKED BY: ENGR. MARCO B. MACANAN, ASSISTANT DIRECTOR, M&D			

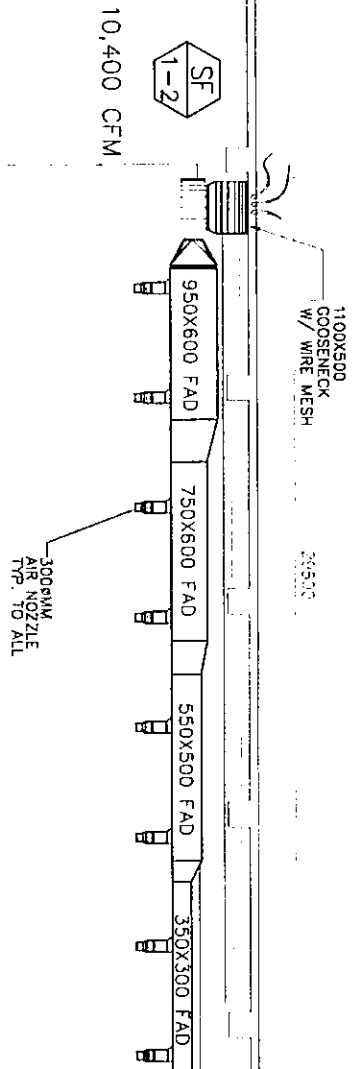


PROPOSED VENTILATION LAYOUT AT WAREHOUSE AREA

2
M SCALE: 1:150

ROLL UP
DOOR

 <p>PICC Philippine International Convention Center</p>	TITLE	PROPOSED VENTILATION EQUIPMENT OF SERVICE PANTRY WAREHOUSE	DATE	PREPARED BY: ENGR. RODRIGUEZ SHIFT SUPERVISOR / TECHNICIAN (MSD)	RECOMMENDING FOR APPROVAL ENGR. EDISON I. AURELIO DIRECTOR, MSD	APPROVED BY ATTY. MICOLETTE ANN P. CRUZ GENERAL MANAGER
LOCATION	PICC COMPLEX, PASAY CITY	REVISION	00	CHECKED BY: ENGR. MA. PIA ASSISTANT DIRECTOR, MSD		

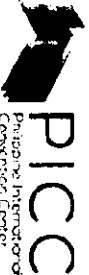


WAREHOUSE (MEZZANINE)

PROPOSED VENTILATION LAYOUT AT WAREHOUSE (MEZZANINE)

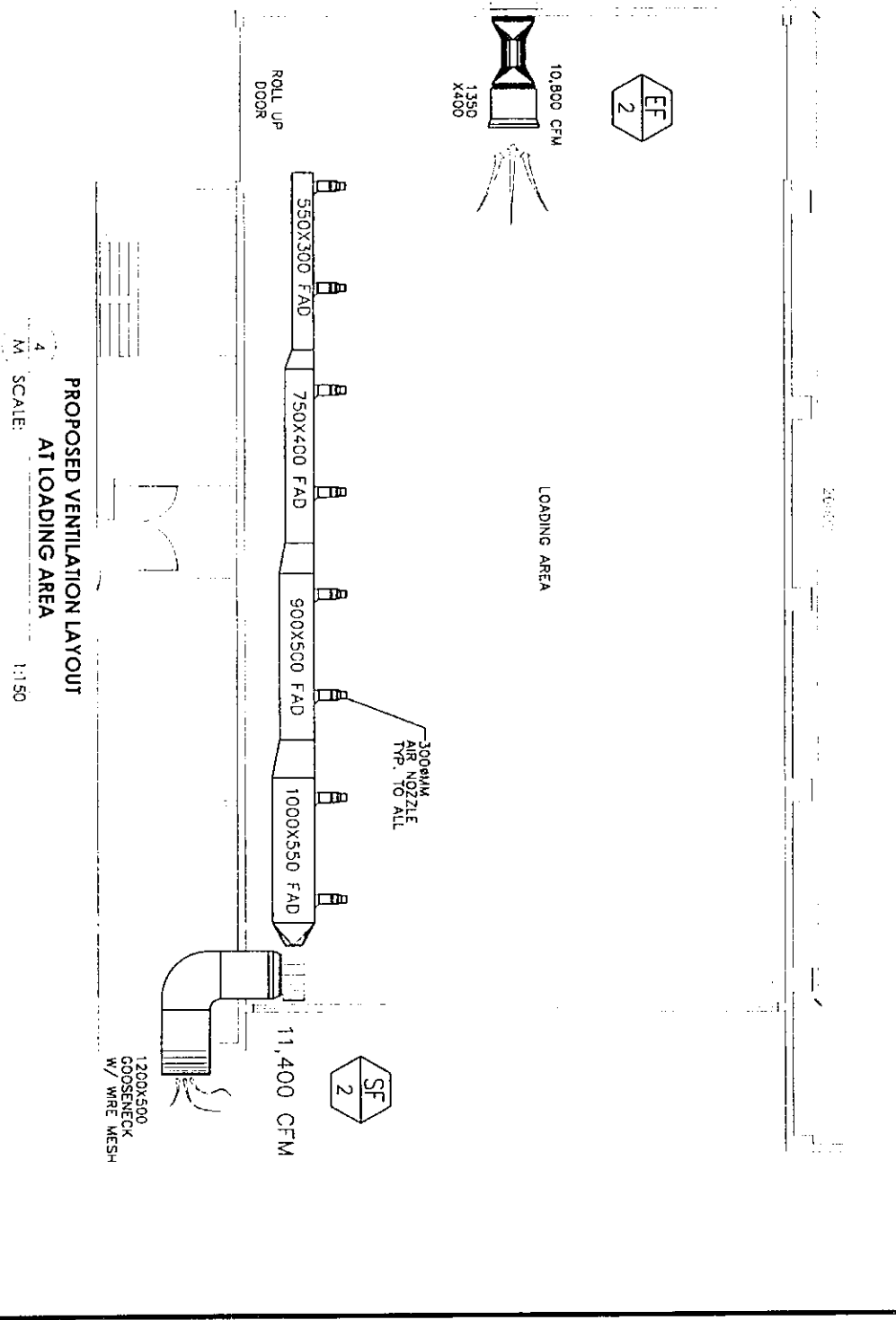
3
M SCALE: 1:150

ROLL UP
DOOR

 <p>PICC Philippine International Convention Center</p>		<p>TITLE</p> <p>PROPOSED VENTILATION EQUIPMENT OF SERVICE PANTRY WAREHOUSE</p>		<p>DATE</p> <p>02-24-2025</p>		<p>PREPARED BY</p> <p>ENGR. ROLAND H. JORDANADO SHIFT SUPERVISOR/TECHNICIAN, MSD</p>		<p>RECOMMENDING FOR APPROVAL</p> <p>ENGR. EDISON I. AURELIO DIRECTOR, MSD</p>		<p>APPROVED BY</p> <p>ATTY. NICOLETTE ANN P. CRUZ GENERAL MANAGER</p>	
<p>LOCATION</p> <p>PICC COMPLEX, PASAY CITY</p>		<p>REVISION</p> <p>00</p>		<p>CHECKED BY</p> <p>ENGR. MA. JOEL MACANAS ASSISTANT DIRECTOR, MSD</p>							



TITLE		DATE	PREPARED BY	RECOMMENDING FOR APPROVAL	APPROVED BY
PROPOSED VENTILATION EQUIPMENT OF SERVICE PANTRY WAREHOUSE		02-24-2025	ENGR. EDISON L. JUVILADO SHIFT SUPERVISING TECHNICIAN, NEDS	ENGR. EDISON L. JUVILADO DIRECTOR, TSD	ATTY. NICOLETTE ANN P. CRUZ GENERAL MANAGER
LOCATION		REVISION	CHECKED BY		
PICC COMPLEX, PASAY CITY		00	ENGR. MAJOR B. MACANALAN ASSISTANT DIRECTOR, NEDS		



PICC BOQ
(Bill of Quantities)
Supply and Installation of Ventilation
System at the Service Pantry
Warehouse

PHILIPPINE INTERNATIONAL CONVENTION CENTER

Technical Services Department

Mechanical Services Department

BILL OF QUANTITIES

Project Title: **SUPPLY AND INSTALLATION OF VENTILATION SYSTEM AT THE SERVICE PANTRY WAREHOUSE**

Location : **SERVICE PANTRY WAREHOUSE**

Date:

ITEM NO.	ITEM	QTY	UNIT	UNIT COST	TOTAL
	MECHANICAL WORKS				
1.0	Materials/Tools & Preliminaries Cost				
1.1.	Mobilization/Demobilization	1	lot		
1.2.	Equipment & tools rental	1	lot		
1.3.	Health & Safety (compliance to requirement)	1	lot		
	Ventilating Equipment				
1.4.	One (1) unit Supply Fan Blower, Centrifugal In-Line Blower, 14,200cfm to 15,000cfm capacity.	1	unit/s		
1.5.	One (1) unit Exhaust Fan Blower, Tubular Centrifugal In-Line Blower, 13,500cfm to 14,000cfm capacity	1	unit/s		
1.6.	One (1) unit Supply Fan Blower, Centrifugal In-Line Blower,, 11,400cfm to 12,000cfm capacity	1	unit/s		
1.7.	One (1) unit Exhaust Fan Blower, Tubular Centrifugal In-Line Blower, 10,800cfm to 11,500cfm capacity	1	unit/s		
	Various Electrical/Control Materials:				
1.8.	THHN Copper wires, (refer to Specifications)	1	lot		
1.9.	Molded Case Circuit Breakers, (refer to Specifications)	1	lot		
1.10.	Weather Proof/NEMA 4X Panelboard	1	lot		
1.11.	Heavy-duty Variable Frequency Drive Motor Controller including cable wires, control wires and all related items	4	unit/s		
1.12.	Manual/By Pass Starter Control Assembly and all related items	1	lot		
	Ductworks Materials				
1.13.	Ducting including Volume Control Damper, Wire Mesh and all related materials	1	lot		
1.14.	300 dia. Discharge Air Nozzle	16	unit/s		
1.15.	Fresh Air Intake Grille (1200x500mm)	2	unit/s		
1.16.	Exhaust Air Grille (1350x400mm)	4	unit/s		
1.17.	Hangers & Support, Flat bar, Angle bar, Threaded Rod, etc.	1	lot		
1.18.	Silver rods and other miscellaneous materials	1	lot		
1.19.	Epoxy primer, enamel paints and other parts materials	1	lot		
1.20.	Vibration Isolators	1	lot		
1.21.	Miscellaneous items such as concrete, sand, gravel, wood/lumber, plyboards, nails, adhesive, sealants, transformer if supplied equipment is not 440V, etc.)	1	lot		
	Sub Total (Materials Cost)				
2.0	Labor Cost				
2.1.	Hauling/Installation of four (4) units Ventilating Equipment	1	lot		
2.2.	Electrical Power/Control Installation Works	1	lot		
2.3.	Ductworks	1	lot		
2.4.	Restoration Works	1	lot		
2.5.	Testing & Commissioning	1	lot		
	Sub Total (Labor Cost)				
	GRAND TOTAL (Supply & Installation of Ventilation System at Service Pantry Warehouse)				

Include:
 (1.8) unit
 SF 10,400
 to
 11,000 cfm

Prepared by:

Company Name _____

 Name / Signature

Position

PHILIPPINE INTERNATIONAL CONVENTION CENTER

Technical Services Department

Mechanical Services Department

BILL OF QUANTITIES

Project Title: SUPPLY AND INSTALLATION OF VENTILATION SYSTEM AT THE SERVICE PANTRY WAREHOUSE

Location : SERVICE PANTRY WAREHOUSE

Date:

ITEM NO.	ITEM	QTY	UNIT	UNIT COST	TOTAL
	MECHANICAL WORKS				
1.0	Materials/Tools & Preliminaries Cost				
1.1.	Mobilization/Demobilization	1	lot		
1.2.	Equipment & tools rental	1	lot		
1.3.	Health & Safety (compliance to requirement)	1	lot		
	Ventilating Equipment				
1.4.	One (1) unit Supply Fan Blower, Centrifugal In-Line Blower, 14,200cfm to 15,000cfm capacity,	1	unit/s		
1.5.	One (1) unit Exhaust Fan Blower, Tubular Centrifugal In-Line Blower, 13,500cfm to 14,000cfm capacity	1	unit/s		
1.6.	One (1) unit Supply Fan Blower, Centrifugal In-Line Blower,, 11,400cfm to 12,000cfm capacity	1	unit/s		
1.7.	One (1) unit Exhaust Fan Blower, Tubular Centrifugal In-Line Blower, 10,800cfm to 11,500cfm capacity	1	unit/s		
1.8.	One (1) unit Supply Fan Blower, Centrifugal In-Line Blower, 10,400cfm to 11,000cfm capacity,	1	unit/s		
	Various Electrical/Control Materials:				
1.9.	THHN Copper wires, (refer to Specificaitions)	1	lot		
1.10.	Molded Case Circuit Breakers, (refer to Specificaitions)	1	lot		
1.11.	Weather Proof/NEMA 4X Panelboard	1	lot		
1.12.	Heavy-duty Variable Frequency Drive Motor Controller including cable wires, control wires and all related items	4	unit/s		
1.13.	Manual/By Pass Starter Control Assembly and all related items	1	lot		
	Ductworks Materials				
1.14.	Ducting including Volume Control Damper, Wire Mesh and all related materials	1	lot		
1.15.	300 dia. Discharge Air Nozzle	16	unit/s		
1.16.	Fresh Air Intake Grille (1200x500mm)	2	unit/s		
1.17.	Exhaust Air Grille (1350x400mm)	4	unit/s		
1.18.	Hangers & Support, Flat bar, Angle bar, Threaded Rod, etc.	1	lot		
1.19.	Silver rods and other miscellaneous materials	1	lot		
1.20.	Epoxy primer, enamel paints and other parts materials	1	lot		
1.21.	Vibration Isolators	1	lot		
1.22.	Miscellaneous items such as concrete, sand, gravel, wood/lumber, plyboards, nails, adhesive, sealants, transformer if supplied equipment is not 440V, etc.)	1	lot		
	Sub Total (Materials Cost)				
2.0	Labor Cost				
2.1.	Hauling/Installation of four (4) units Ventilating Equipment	1	lot		
2.2.	Electrical Power/Control Installation Works	1	lot		
2.3.	Ductworks	1	lot		
2.4.	Restoration Works	1	lot		
2.5.	Testing & Commissioning	1	lot		
	Sub Total (Labor Cost)				
	GRAND TOTAL (Supply & Installation of Ventilation System at Srvce Pantry Warehouse)				

Prepared by:

Company Name _____

Name / Signature

Position