

# **PHILIPPINE INTERNATIONAL CONVENTION CENTER**



**PROJECT TITLE : SUPPLY OF LABOR AND MATERIALS FOR  
THE REPAIR OF THE EXISTING  
VENTILATION SYSTEM OF THE PLENARY  
HALL AND RECEPTION HALL**

**ABC : ₱5,361,000.00**

**Reference/s : PICC APP2022 - 10**

**ITB-2022  
May 25, 2022**

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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 of Labor and Materials for the Repair of the Existing Ventilation System of the Plenary Hall and Reception Hall

1. The *Philippine International Convention Center (PICC)*, through the *Approved Budget for CY 2022*, intends to apply the sum of **FIVE MILLION THREE HUNDRED SIXTY-ONE THOUSAND PESOS (Php5,361,000.00) VAT Inclusive**, being the Approved Budget for the Contract (ABC) to payments under the contract for the **Supply of Labor and Materials for the Repair of the Existing Ventilation of the Plenary Hall and Reception Hall**.
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). Bids received in excess of 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 (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 June 24, 2022 from the given address and website(s) below and *upon payment of a non-refundable fee in the amount of Six Thousand Pesos (Php6,000.00)*. The *PICC* shall allow the bidder to present its proof of payment for the fees by *furnishing the PICC-BAC a copy of the Official Receipt*.
6. The *PICC-BAC* will hold a Pre-Bid Conference on July 1, 2022 at 11:00 a.m. *Meeting Room 10 (MR-10), 3<sup>RD</sup> Floor Delegation Building, PICC* and/or through videoconferencing/webcasting *via Zoom*, 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 18, 2022 at 10:30 a.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 18, 2022, at 11:00 a.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 (BAC)*  
*PHILIPPINE INTERNATIONAL CONVENTION CENTER*  
*PICC Complex, Pasay City 1307*  
*87894759 and 87894760*  
*Telefax No. 87894761*  
*Email: procurement@picc.gov.ph*

12. You may visit the following websites:

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

*[Date of Issue]*

  
**MELPIN A. GONZAGA**  
*Chairman*

## *Section II. Instructions to Bidders*



## 1. Scope of Bid

The Procuring Entity, *Philippine International Convention Center* wishes to receive Bids for the *Supply of Labor and Materials for the Repair/Restoration of the Existing Ventilation System of the Plenary Hall and Reception Hall* with identification numbers *PICC APP2022-10*.

## 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for 2022 in the total amount of PhP 5,361,000.00.
- 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 Declaration<sup>1</sup> 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 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.

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<sup>1</sup> 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.

## **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.

## **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> <ol style="list-style-type: none"> <li>a. Duly licensed Filipino citizens/sole proprietorships;</li> <li>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;</li> <li>c. Corporations duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the of the outstanding capital stock belongs to citizens of the Philippines;</li> <li>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</li> <li>e. The Contractor (the company or its officers) must be engaged in the business for the past three (3) years and having at least one (1) similar project for the supply and installation and/or maintenance/repair of Supply/Exhaust Ventilation System.</li> </ol>
5.3	<p>For this purpose, similar contract shall refer to supply repair and restoration of supply/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.</p>
7.1	Sub-contracting is not allowed
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> <ol style="list-style-type: none"> <li>a. The amount of not less than ₱107,220.00, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</li> <li>b. The amount of not less than ₱268,050.00.71 if bid security is in Surety Bond</li> </ol>
15	<p><b>Sealing and Marking of Bids</b></p> <p>Each Bidder shall submit the original and one (1) copy of the first and second components of its Bid.</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>

/s/



	The deadline for submission of bids is <u>July 18</u> , 2022 at <u>10</u> :30 a.m.
17.1	<p>The place of bid</p> <p style="text-align: center;">BAC CONFERENCE ROOM MR10, 3<sup>rd</sup> Floor, Delegation Building PICC Complex, 1307 Pasay City</p> <p>The date and time of bid opening is <u>July 18</u>, 2022 at <u>11</u>:00 a.m.</p> <p>In case the Bids cannot be opened as scheduled due to justifiable reasons, the BAC shall take custody of the Bids submitted and the opening of Bids shall be at 2:00 p.m. of the next working day.</p>
19.3	Total ABC is <b>FIVE MILLION THREE HUNDRED SIXTY-ONE THOUSAND PESOS (Php5,361,000.00), VAT Inclusive.</b>
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> <ol style="list-style-type: none"> <li>a. Certified Photocopy of the CY 2021 Income and Business Tax Returns filed and paid through the BIR Electronic Filing and Payment System (eFPS);</li> <li>b. Sections III and V of the bid documents, signed on each and every page by the bidder's authorized representative;</li> <li>c. Company Profile with sketch of office location;</li> <li>d. Certifications from TSD-MSD that the participating bidder has conducted ocular inspection of the abovementioned requirements; and</li> <li>e. Certificate of Satisfactory Completion &amp; Acceptance of previous PICC projects undertaken within the last three (3) years, if any.</li> </ol>
21.2	No additional requirement

*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 style="text-align: center;">Payment shall be released in full within 3 to 4 weeks 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"> <li>1.) Completion/Turn-over Report/Certification for Completion</li> <li>2.) Invoice</li> <li>3.) Copy of delivery receipt for the return of replaced parts/materials, if any.</li> <li>4.) Warranty bond, callable upon demand, equivalent to 10 percent of the Contract amount. Note: Warranty bond is not necessary if the contractor chooses the warranty obligation in the form of 10 percent retention money.</li> </ol> <p style="text-align: center;">Further, payments at the option of the Contractor may be released within the same number of weeks as stated above in accordance with the following progress payment schedules and requirements:</p> <ol style="list-style-type: none"> <li>1. First payment – Fifty percent (50%) of the total value of the project shall be released after complete delivery of the supply &amp; exhaust ventilation fan units at Plenary &amp; Reception Halls. Payment shall only be processed upon submission of billing statement, sales invoice, equipment delivery receipts and two (2) sets schedule of equipment/specification manuals to verify compliance to specification:</li> <li>2. Second payment – Fifty percent (50%) of the total value of the project shall be released after complete (100 percent) delivery and completion, and proper operation of all exhaust/ventilation fan units. Payment shall only be processed upon submission of billing statement, sales invoice, confirmed/approved accomplishment report, testing &amp; commissioning report, two (2) sets installation manual, two (2) sets operation &amp; maintenance manuals, and warranty certificate.</li> </ol>

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="351 430 1362 967"> <thead> <tr> <th data-bbox="351 430 884 542">Form of Performance Security</th> <th data-bbox="890 430 1362 542">Amount of Performance Security (Equal to Percentage of the Total Contract Price)</th> </tr> </thead> <tbody> <tr> <td data-bbox="351 542 884 654">Cash or Cashier's/Manager's Check issued by a Universal or Commercial Bank.</td> <td data-bbox="890 542 1362 654">Five percent (5%)</td> </tr> <tr> <td data-bbox="351 654 884 743">Bank draft/guarantee issued by a Universal or Commercial Bank</td> <td data-bbox="890 654 1362 743">Five percent (5%)</td> </tr> <tr> <td data-bbox="351 743 884 967">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="890 743 1362 967">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>Warranty</p> <p>One (1) year warranty for workmanship and parts/materials/equipment supplied by the Contractor. 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 every progress payment or five percent (5%) of the Contract amount, or a warranty bond (callable upon demand) 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 exhaust fans 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 repair process/test run and warranty period.</p>								
6	<p>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	
I	Supply of Labor and Materials for the Repair/Restoration of the Existing Ventilation System of the Plenary Hall and Reception Hall.	Work shall be completed within one hundred twenty (120) calendar days from the receipt of the Notice to Proceed for the required/agreed test periods.

Note:

The contractor shall be granted extension of completion time for additional work/s not covered herein due to any work delays attributable to PICC. 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 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*

# Technical Specifications

Item	Specification	Statement of Compliance
	<p><b>SUPPLY OF LABOR AND MATERIALS FOR THE REPAIR OF EXISTING VENTILATION SYSTEMS OF THE PLENARY &amp; RECEPTION HALLS</b></p> <p><b>I. SPECIFIC SCOPE OF WORKS:</b></p> <p>Supply of labor and materials, equipment, tools, technical expertise and supervision for the repair/restoration of existing ventilation and duct systems of the Plenary and Reception Halls. Works include but not necessarily limited to the following:</p> <p><b>A. PLENARY HALL-</b></p> <p>1. Supply, delivery and installation of the following minimum requirement for the repair/restoration of the EF-PL51, EF-PL52, EF-PL53, PL54 and EF-PL55 exhaust ventilating systems:</p> <p>1.1. One (1) unit Roof Ventilator (EF-PL51), 2,000CFM capacity, centrifugal blower, forward blade with housing, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, silent-type Exhaust Fan equipped with stainless metal mechanical adjuster. Noise level shall not exceed 45dB(A) measured at 1.5 meter below the center of the unit. 3/4HP squirrel cage induction motor, 480 Volts, 3 phase, 60Hz, 1. SP=1.0". Said belt driven exhaust ventilation system shall be complete with wirings/conduits, electrical control (30A circuit breaker with nema 3R enclosure) and all other necessary accessories to make it operational.</p> <p>1.2. One (1) unit Roof Ventilator (EF-PL52), 2,400CFM capacity, centrifugal blower, forward blade with housing, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, silent-type Exhaust Fan equipped with stainless metal mechanical adjuster. Noise level shall not exceed 45dB(A) measured at 1.5 meter below the center of the unit. 1HP squirrel cage induction motor, 480 Volts, 3 phase, 60Hz, 1. SP=1.0". Said belt driven exhaust ventilation system shall be complete with wirings/conduits, electrical control (20A circuit breaker with nema 3R enclosure) and all other necessary accessories to make it operational.</p> <p>1.3. One (1) unit Roof Ventilator (EF-PL53), 6,350CFM capacity, centrifugal blower, forward blade with housing, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, silent-type Exhaust Fan equipped with stainless metal</p>	

*Handwritten mark*

mechanical adjuster. Noise level shall not exceed 45dB(A) measured at 1.5 meter below the center of the unit. 2HP squirrel cage induction motor, 480 Volts, 3 phase, 60Hz, 1. SP=1.0". Said belt driven exhaust ventilation system shall be complete with wirings/conduits, electrical control (20A circuit breaker with nema 3R enclosure) and all other necessary accessories to make it operational.

1.4. One (1) unit Roof Ventilator (EF-PL54), 6,200CFM capacity, centrifugal blower, forward blade with housing, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, silent-type Exhaust Fan equipped with stainless metal mechanical adjuster. Noise level shall not exceed 45dB(A) measured at 1.5 meter below the center of the unit. 2HP squirrel cage induction motor, 480 Volts, 3 phase, 60Hz, 1. SP=1.0". Said belt driven exhaust ventilation system shall be complete with wirings/conduits, electrical control (20A circuit breaker with nema 3R enclosure) and all other necessary accessories to make it operational.

1.5. Three (3) units Roof Ventilator (EF-PL55), 18,600CFM capacity, centrifugal blower, forward blade with housing, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, silent-type Exhaust Fan equipped with stainless metal mechanical adjuster. Noise level shall not exceed 45dB(A) measured at 1.5 meter below the center of the unit. 7-1/2HP squirrel cage induction motor, 480 Volts, 3 phase, 60Hz, 1. SP=1.0". Said belt driven exhaust ventilation system shall be complete with wirings/conduits, electrical control (40A circuit breaker with nema 3R enclosure) and all other necessary accessories to make it operational. Provide needed materials for the restoration and repair of the fresh air intake/blower requirement.

1.5.1. All ventilating equipment shall be provided with fan housing/cover, fan impeller, pillow block bearings, drive pulley, fan belts and properly mounted on the existing old exhaust ventilation roof opening/mounting frames of each individual exhaust ventilation system with metal brackets/hangers 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 distributions

1.5.2. All centrifugal blowers shall be of silent-type and capacity indicated and constructed in accordance with *Air Movement and Control Association* (AMCA) Standards. Wheels shall be dynamically

and statically balanced and free from vibrations and noise.

2. Provide replacements for missing or worn-out electrical supply cables/wirings, breakers and conduits.
  - 2.1 Enclosed Circuit Breaker (ECB) shall be provided for each equipment by the mechanical contractor with nema 4x weather proof stainless enclosure (refer to equipment's technical data for specification).
  - 2.2. Use 3.5mm<sup>2</sup> THHN Copper wire complete with IMC conduits
  - 2.3. On and off (green and red) industrial control switch with pilot light indicator, wires and conduits, overload protectors, etc.
3. Repair defective ducts and provide replacement for severely damaged or missing ones. Provide supply air and exhaust ducts for the new offices at the PH.
  - 3.1. 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. Retrofitting/duct works shall be properly designed with rigid connections to ensure efficient operation and lessen noise/vibration.
  - 3.2. 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.
  - 3.3. 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.
  - 3.4 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.
  - 3.5 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 1/2" x 1 1/2" x 3/16"
Over 1825mm to 2400mm	2" x 2" x 3/16"
Over 2425mm	2 1/2" x 2 1/2" x 1/4"

4. Provide/fabricate aluminum cover, metal supports and brackets of each exhaust fans.
5. Repair concrete base support if found necessary.
6. Perform re-waterproofing works of the existing concrete/metallic base of subject exhaust fans and properly lapped with the existing waterproofing membrane at the Reception Hall roof deck to prevent rain water seepage.
7. Conduct test operation and measure fans' air volume flow rates.
  - 7.1 Certified Reports: Submit testing, adjusting, and air balancing reports bearing the seal and/or signature of the Test and Balance 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.
8. Paint metal supports, ductings, housings and covers of each exhaust fans.
9. Turnover subject ventilation systems in good operating condition.

## B. RECEPTION HALL-

1. Supply, delivery and installation of the following minimum requirement for the repair/restoration of the EF-R11, EF-R61, EF-R62, EF-R63 exhaust ventilation systems:
  - 1.1. One (1) unit Roof Ventilator (EF-R11) 835CFM capacity, centrifugal blower, forward blade with housing, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, silent-type Exhaust Fan equipped with stainless metal mechanical adjuster. Noise level shall not exceed 45dB(A) measured at 1.5 meter below the center of the unit. 1/3HP squirrel cage induction motor, 480 Volts, 3 phase, 60Hz, SP=1.0". Said belt driven exhaust ventilation system shall be complete with wirings/conduits, electrical control (15A circuit breaker with nema 3R enclosure) and all other necessary accessories to make it operational.
  - 1.2. One (1) unit Roof Ventilator (EF-R61), 3,400CFM capacity, centrifugal blower, forward blade with housing, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, silent-type Exhaust Fan equipped with stainless metal mechanical adjuster. Noise level shall not exceed 45dB(A) measured at 1.5 meter below the center of the unit. 1-1/2HP squirrel cage induction motor, 480 Volts, 3 phase, 60Hz, SP=1.0". Said belt driven exhaust ventilation system shall be complete with wirings/conduits, electrical control (15A circuit breaker with nema 3R enclosure) and all other necessary accessories to make it operational.
  - 1.3. One (1) unit Roof Ventilator (EF-R62), 5,000CFM capacity, centrifugal blower, forward blade with housing, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, silent-type Exhaust Fan equipped with stainless metal mechanical adjuster. Noise level shall not exceed 45dB(A) measured at 1.5 meter below the center of the unit. 3HP squirrel cage induction motor, 480 Volts, 3 phase, 60Hz, 1. SP=1.0". Said belt driven exhaust ventilation system shall be complete with wirings/conduits, electrical control (20A circuit breaker with nema 3R enclosure) and all other necessary accessories to make it operational.
  - 1.4. Four (4) units Roof Ventilator (EF-63), 12,675CFM capacity, centrifugal blower, forward blade with housing, B.I. materials ga.16 epoxy coated finish, statically and dynamically balanced, silenttype Exhaust Fan equipped with stainless metal mechanical adjuster. Noise level shall not exceed 45dB(A) measured at 1.5 meter below the center of the unit. 5HP squirrel cage induction motor, 480 Volts, 3 phase, 60Hz, 1. SP=1.0".

Said belt driven exhaust ventilation system shall be complete with wirings/conduits, electrical control (30A circuit breaker with nema 3R enclosure) and all other necessary accessories to make it operational. Provide needed materials for the restoration and repair of the fresh air intake/blower requirement.

1.4.1. All ventilating equipment shall be provided with fan housing/cover, fan impeller, pillow block bearings, drive pulley, fan belts and properly mounted on the existing old exhaust ventilation roof opening/mounting frames of each individual exhaust ventilation system with metal brackets/hangers 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.

1.4.2. All centrifugal blowers shall be of silent-type and capacity indicated and constructed in accordance with *Air Movement and Control Association* (AMCA) Standards. Wheels shall be dynamically and statically balanced and free from vibrations and noise.

2. Provide replacements for missing or worn-out electrical supply cables/wirings, breakers and conduits.

2.1 Enclosed Circuit Breaker (ECB) shall be provided for each equipment by the mechanical contractor with nema 4x weather proof stainless enclosure (refer to equipment's technical data for specification).

2.2. Use 3.5mm<sup>2</sup> THHN Copper wire complete with IMC conduits

2.3. On and off (green and red) industrial control switch with pilot light indicator, wires and conduits, overload protectors, etc.

3. Repair defective ducts and provide replacement for severely damaged or missing ones. Provide supply air and exhaust ducts for the new offices at the RH.

3.1. 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. Retrofitting/duct works shall be properly designed with rigid connections to ensure efficient operation and lessen noise/vibration.

- 3.2. 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.
- 3.3. 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.
- 3.4 All duct penetrations passing through a fire rated walls and floors partitions shall be provided with Intumescent Fire stopping compound that have been tested and approved in accordance with ASTM E-814 and *Underwriters Laboratories (UL) 1479*.
- 3.5 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
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Over 1825mm to 2400mm	2" x 2" x 3/16"
Over 2425mm	2 1/2" x 2 1/2" x 1/4"

- 4. Provide/fabricate aluminum cover, metal supports and brackets of each exhaust fans.



5. Repair concrete base support if found necessary.
6. Perform re-waterproofing works of the existing concrete/metallic base of subject exhaust fans and properly lapped with the existing waterproofing membrane at the Reception Hall roof deck to prevent rain water seepage.
7. Conduct test operation and measure fans' air volume flow rates.

7.1 Certified Reports: Submit testing, adjusting, and air balancing reports bearing the seal and/or signature of the Test and Balance Engineer. The reports shall be certified proof that the systems have been tested, adjusted, and balanced in accordance with the referenced standards; are accurate representation of how the systems have been installed; are 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.

8. Paint metal supports, ductings, housings and covers of each exhaust fans.
9. Turnover subject ventilation systems in good operating condition.

#### **IV. SPECIAL/OTHER CONDITIONS OF THE CONTRACT:**

1. The contractor must conduct site survey and inspection.
2. 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.
3. Thickness of the above-mentioned materials to be used in the actual fabrication must be an engineering standard (not commercial).
4. "Hot works" can only be done in a designated area and that, a personal fire extinguisher/s should always be stationed in the area for emergency purpose.
5. Submit material samples for approval prior to start of fabrication.
6. 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. Submit final report.

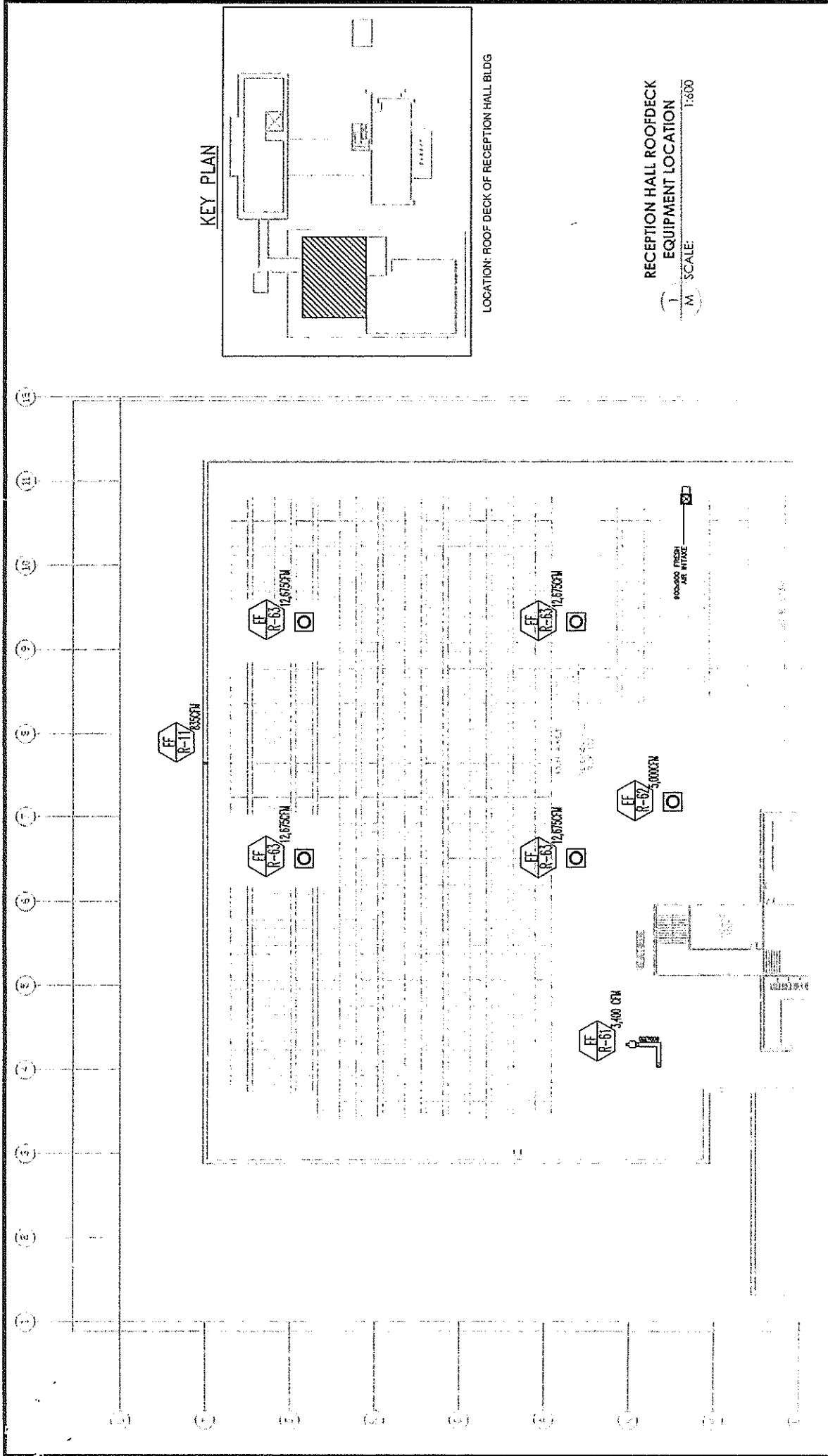
<ol style="list-style-type: none"> <li>7. The Contractor shall ensure that its assigned personnel and/or representatives shall comply with, and submit themselves to, the rules and regulations of the PICC on security, sanitation, environmental compliance, safety and health/Covid-19 protocols and other regulations.</li> <li>8. The Contractor must submit NBI/Police Clearance and vaccination certificate of each personnel to be assigned at the PICC.</li> <li>9. The Contractor's personnel should wear its company uniform/ID, facemask and practice social distancing at all times in the PICC premises.</li> <li>10. Restoration cost of any damage/s due to negligence/poor workmanship shall be borne by the Contractor</li> <li>11. 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.</li> </ol>	
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**STATEMENT OF COMPLIANCE**

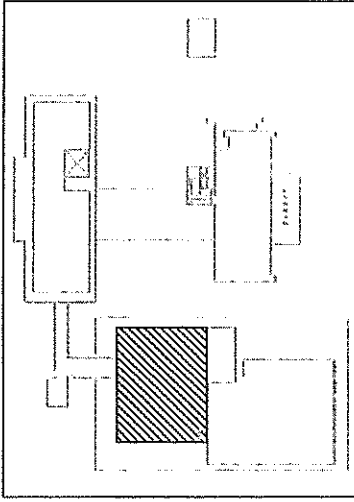
*Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered.*

*Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.*

*HS*




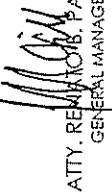

**KEY PLAN**

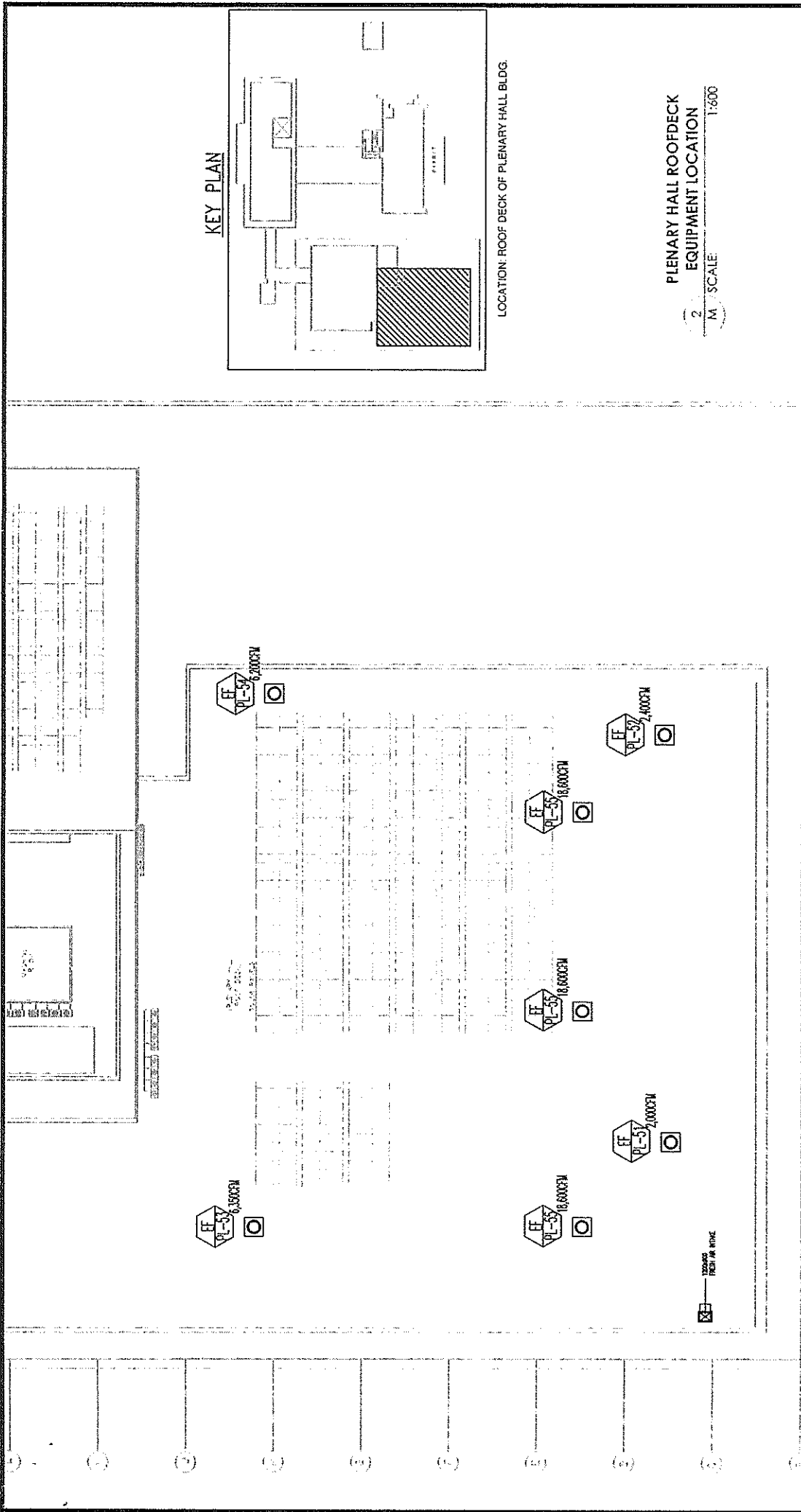


LOCATION: ROOF DECK OF RECEPTION HALL BLDG

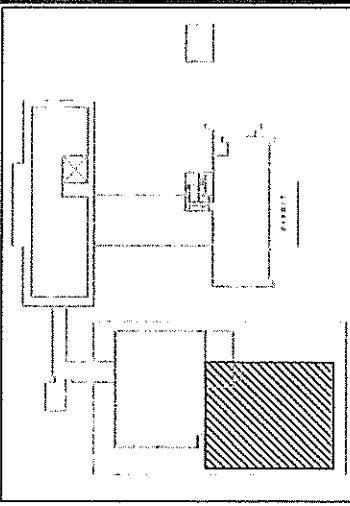
**RECEPTION HALL ROOFDECK  
EQUIPMENT LOCATION**

SCALE: 1:600

 <b>PICC</b> Planning, Integration, Construction, Commissioning	<b>TITLE</b> VENTILATION EQUIPMENT OF PLEINARY & RECEPTION HALL BUILDING LOCATION PICC COMPLEX, PASAY CITY		<b>DATE</b> 05-28-22	<b>PREPARED BY</b> ROSEMARY R. PADILLA SHIFT SUPERVISOR, TECHNICIAN, MSD	<b>RECOMMENDING FOR APPROVAL</b> ENGR. WILSON B. DELOS REYES DIRECTOR, TSD	<b>APPROVED BY</b>  ATTY. REMACION PADILLA GENERAL MANAGER
	<b>REVISION</b> 00	<b>CHECKED BY</b>  ENGR. MAFIC B. MACANAS ASSISTANT DIRECTOR, MSD				



KEY PLAN



LOCATION: ROOF DECK OF PLENARY HALL BLDG.

PLENARY HALL ROOFDECK  
EQUIPMENT LOCATION  
SCALE: 1/8" = 1'-0"










TITLE		DATE	PREPARED BY	RECOMMENDING FOR APPROVAL	APPROVED BY
VENTILATION EQUIPMENT OF PLENARY & RECEPTION HALL BUILDING		05-28-22	ROLAND J. BARRERA SHIFT SUPERVISOR, TECHNICIAN, MGR	ENGR. WILSON B. DELOS REYES DIRECTOR, ISD	ATTY. RICHARD B. PADILLA GENERAL MANAGER
LOCATION PICC COMPLEX, PASAY CITY		REVISION 00	CHECKED BY ENGR. MARIO B. MACANAS ASSISTANT DIRECTOR, MSD		




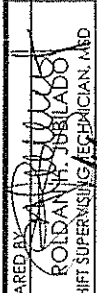

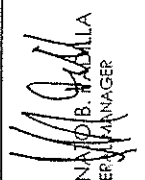
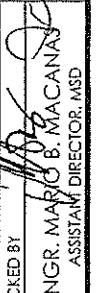
**GENERAL NOTES :**

1. ALL NEW EQUIPMENT SHALL BE INSTALLED IN APPROXIMATE LOCATION AS SHOWN IN THE DRAWINGS.
2. ALL EQUIPMENT SHALL BE MOUNTED/SUPPORTED WITH VIBRATION ISOLATOR UNITS OR EQUIVALENT ASSEMBLIES.
3. THE CONTRACTOR SHOULD COORDINATE HIS WORK CLOSELY WITH OTHER TRADES.
4. 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.
5. ALL WORKS SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER DATE OF ACCEPTANCE.

**VENTILATING EQUIPMENT DETAILS:**

DESCRIPTION QTY.	AREA SERVED	TYPE	AIR FLOW (CFM)	MOTOR RATING (HP)	DRIVE	ELECTRICAL CHARACTERISTIC (V/PH/Hz)
 1	RECEPTION BLDG. G/F TOILET (DRESSING RM.)	ROOF VENTILATOR	835	1/3	BELT-DRIVEN	230/1/60
 1	RECEPTION BLDG. G/F, 2/F TOILET (LEFT WING)	ROOF VENTILATOR	3,400	1 1/2	BELT-DRIVEN	480/3/60
 1	RECEPTION BLDG. G/F, 2/F, 4/F TOILET (RIGHT WING)	ROOF VENTILATOR	5,000	3	BELT-DRIVEN	480/3/60
 4	RECEPTION BLDG. GENERAL AREA	ROOF VENTILATOR	12,675	5	BELT-DRIVEN	480/3/60
 1	PLENARY BLDG. ROOF DECK	ROOF VENTILATOR	2,000	3/4	BELT-DRIVEN	480/3/60
 1	PLENARY BLDG. ROOF DECK	ROOF VENTILATOR	2,400	1	BELT-DRIVEN	480/3/60
 1	PLENARY BLDG. G/F, 2/F, 3/F TOILET (RIGHT WING)	ROOF VENTILATOR	6,350	2	BELT-DRIVEN	480/3/60
 1	PLENARY BLDG. G/F, 2/F, 3/F TOILET (LEFT WING)	ROOF VENTILATOR	6,200	2	BELT-DRIVEN	480/3/60
 3	PLENARY BLDG. ROOF DECK	ROOF VENTILATOR	18,000	7 1/2	BELT-DRIVEN	480/3/60

**GENERAL NOTES,  
3 VENTILATING EQUIPMENT DETAILS  
M SCALE:**

 <b>PICC</b> <small>Construction Center</small>	<b>TITLE</b> VENTILATION EQUIPMENT OF PLENARY & RECEPTION HALL BUILDING	<b>DATE</b> 05-28-22	<b>PREPARED BY</b>  ROLDAN M. JUEBLADO SHIFT SUPERVISING TECHNICIAN, M&D	<b>RECOMMENDING FOR APPROVAL</b>  ENGR. WILSON B. DELOS REYES DIRECTOR, ISD	<b>APPROVED BY</b>  ATTY. RENATO B. GALILLA GENERAL MANAGER
	<b>LOCATION</b> PICC COMPLEX, PASAY CITY	<b>REVISION</b> 00	<b>CHECKED BY</b>  ENGR. MARIO B. MACANAS ASSISTANT DIRECTOR, M&D		

*Section VIII. Checklist of Technical and  
Financial Documents*

# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### *Class "A" Documents*

#### Legal Documents

- (a) Certified Photocopy of the Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages); if any of the documents mentioned in Annex "A" is not current, the new document should be submitted  
**Or** in case of expired PhilGEPS Registration Certificate (Platinum Membership);
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,  
**and**
- (c) 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;  
**and**
- (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Provided, that the current PhilGEPS Registration Certificate (Platinum Membership) shall be part of the post-qualification documents to be submitted by the Lowest Calculated Bidder

#### Technical Documents

- (e) 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**
- (f) 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**
- (g) 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**
- (h) Fully accomplished Section VI (Schedule of Delivery Requirements) and Section VII (Technical Specifications), signed on each and every page; **and**
- (i) Original duly signed Omnibus Sworn Statement (OSS)(*Annex "D"*); **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.

*Financial Documents*

- (j) 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 immediately preceding calendar year; **and**
- (k) 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*

- (l) 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**

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



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

**LIST OF ALL ON-GOING GOVERNMENT & PRIVATE CONTRACTS INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED**

Business Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

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

Submitted by: \_\_\_\_\_

(Printed Name & Signature)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

ANNEX "B"

**SINGLE LARGEST COMPLETED CONTRACT**  
WHICH IS SIMILAR TO THE CONTRACT TO BE BID

Business Name:

Business Address:

Name of Contract	a. Owner' Name b. Address c. Telephone Nos.	Nature of Item/Service	a. Amount of Award b. Amount at Completion c. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed

Note: This statement shall be supported with:

1. Contract
2. Certificate of Completion and Acceptance or Official Receipt/s or Sales Invoice issued for the contract

*Note: The Single Largest Completed Contract shall be completed within the last five (5) years from the date of submission and receipt of bids, that is similar to the contract to be bid, the amount of which shall be at least fifty percent (50%) of the ABC.*

Submitted by:

\_\_\_\_\_ (Printed Name & Signature)

Designation:

Date:

\_\_\_\_\_

**BID SECURING DECLARATION FORM**

---

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

x-----x

**BID SECURING DECLARATION**  
**Invitation to Bid:** *[Insert Reference number]*

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

I/We<sup>2</sup>, 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 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 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;
  - (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.

---

<sup>2</sup> Select one and delete the other. Adopt the same instruction for similar terms throughout the document.

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'S 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]*

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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, 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, 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, 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

**[Jurat]**

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

PHILIPPINE INTERNATIONAL CONVENTION CENTER

Name of the Project: **Supply of Labor and Materials for the Repair of the Existing Ventilation System of the Plenary Hall and Reception Hall**

**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.



**BID FORM**

Date: \_\_\_\_\_

Project Identification No.: \_\_\_\_\_

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 of Labor and Materials for the Repair /Restoration of the Existing Ventilation System of the Plenary Hall and Reception Hall*** 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: \_\_\_\_\_

**PHILIPPINE INTERNATIONAL CONVENTION CENTER**  
**Technical Services Department**  
**Mechanical Services Department**

**BILL OF QUANTITIES**

Project Title: Supply of labor, materials, tools, technical expertise, supervision, and safety watch  
for the repair of existing Ventilation Sytem at Plenary Hall and Reception Hall Building

Location : Roofdeck of Plenary Hall and Reception Hall Building

Date:

ITEM NO.	ITEM	QTY	UNIT	UNIT COST	TOTAL
	<b>MECHANICAL WORKS</b>				
<b>A.</b>	<b>Direct Cost</b>				
	Fans and blower equipment, see schedule for specifications (to include all other necessary works to make the unit complete and operational)				
1	<b>EF-R11</b>				
	Type: Roof Ventilator, 835CFM, 1/3HP, 220V/1-ph/60Hz	1	set		
	THW Wire	1	lot		
	Control Switch (Circuit Breaker 15A, with nema 3R enclosure)	1	assy.		
	Base repair, supports & re-waterproofing, including painting materials (nut & washer, paint brush, epoxy primer, enamel paint, rugs, etc.)	1	lot		
	Galvanized Iron Ducting, Ga. 24	1	lot		
	300mm x 30mm Exhaust Air Grille, fixed blade steel, oven baked enamel paint finish	2	pc		
	Full Threaded Round Bar, size 10mm x 6 meter length	1	lot		
	Angle Bar, 50mm x 50mm x 10mm thick (6 meters length)	1	lot		
	Labor Cost	1	lot		
2	<b>EF-R61</b>				
	Type: Roof Ventilator, 3,400CFM, 1 1/2HP, 480V/3-ph/60Hz	1	set		
	THW Wire	1	lot		
	Control Switch (Circuit Breaker 15A, with nema 3R enclosure)	1	assy.		
	Base repair, supports & re-waterproofing, including painting materials (nut & washer, paint brush, epoxy primer, enamel paint, rugs, etc.)	1	lot		
	Galvanized Iron Ducting, Ga. 24	1	lot		
	300mm x 30mm Exhaust Air Grille, fixed blade steel, oven baked enamel paint finish	13	pc		
	Full Threaded Round Bar, size 10mm x 6 meter length	1	lot		
	Angle Bar, 50mm x 50mm x 10mm thick (6 meters length)	1	lot		
	Labor Cost	1	lot		
3	<b>EF-R62; 1-unit Roof Ventilator, 5,000CFM, 3HP, 480V/3-ph/60Hz</b>				
	Fan Housing	1	unit		
	Fan Impeller	1	unit		
	Squirrel Cage Induction Motor, Driven Pulley, Bracket Assy.	1	set		
	Drive Pulley	1	pc		
	Fan Belt	2	pc		
	Pillow Block Bearing	2	pc		
	THW Wire	1	lot		

**PHILIPPINE INTERNATIONAL CONVENTION CENTER**

Technical Services Department  
Mechanical Services Department

**BILL OF QUANTITIES**

	Control Switch (Circuit Breaker 20A, with nema 3R enclosure)	1	assy.		
	Base repair, supports & re-waterproofing, including painting materials (nut & washer, paint brush, epoxy primer, enamel paint, rugs, etc.)	1	lot		
	Labor Cost	1	lot		
4	<b>EF-R63; 4-units Roof Ventilator, 12,675CFM, 5HP, 480V/3-ph/60Hz</b>				
	Fan Housing	4	unit		
	Fan Impeller	4	unit		
	Squirrel Cage Induction Motor, Driven Pulley, Bracket Assy.	4	set		
	Drive Pulley	4	pc		
	Fan Belt	8	pc		
	Pillow Block Bearing	8	pc		
	THW Wire	1	lot		
	Control Switch (Circuit Breaker 30A, with nema 3R enclosure)	4	assy.		
	Base repair, supports & re-waterproofing, including painting materials (nut & washer, paint brush, epoxy primer, enamel paint, rugs, etc.)	1	lot		
	Labor Cost	1	lot		
5	<b>EF-PL51; 1-unit Roof Ventilator, 2,000CFM, 3/4HP, 480V/3-ph/60Hz</b>				
	Fan Housing	1	unit		
	Fan Impeller	1	unit		
	Squirrel Cage Induction Motor, Driven Pulley, Bracket Assy.	1	set		
	Drive Pulley	1	pc		
	Fan Belt	2	pc		
	Pillow Block Bearing	2	pc		
	THW Wire	1	lot		
	Control Switch (Circuit Breaker 20A, with nema 3R enclosure)	1	assy.		
	Base repair, supports & re-waterproofing, including painting materials (nut & washer, paint brush, epoxy primer, enamel paint, rugs, etc.)	1	lot		
	Labor Cost	1	lot		
6	<b>EF-PL52; 1-unit Roof Ventilator, 2,400CFM, 1HP, 480V/3-ph/60Hz</b>				
	Fan Housing	1	unit		
	Fan Impeller	1	unit		
	Squirrel Cage Induction Motor, Driven Pulley, Bracket Assy.	1	set		
	Drive Pulley	1	pc		
	Fan Belt	2	pc		
	Pillow Block Bearing	2	pc		
	THW Wire	1	lot		
	Control Switch (Circuit Breaker 20A, with nema 3R enclosure)	1	assy.		
	Base repair, supports & re-waterproofing, including painting materials (nut & washer, paint brush, epoxy primer, enamel paint, rugs, etc.)	1	lot		
	Labor Cost	1	lot		

PHILIPPINE INTERNATIONAL CONVENTION CENTER  
 Technical Services Department  
 Mechanical Services Department

BILL OF QUANTITIES

7	EF-PL53; 1-unit Roof Ventilator, 6,350CFM, 2HP, 480V/3-ph/60Hz			
	Fan Housing	1	unit	
	Fan Impeller	1	unit	
	Squirrel Cage Induction Motor, Driven Pulley, Bracket Assy.	1	set	
	Drive Pulley	1	pc	
	Fan Belt	2	pc	
	Pillow Block Bearing	2	pc	
	THW Wire	1	lot	
	Control Switch (Circuit Breaker 20A, with nema 3R enclosure)	1	assy.	
	Base repair, supports & re-waterproofing, including painting materials (nut & washer, paint brush, epoxy primer, enamel paint, rugs, etc.)	1	lot	
	Galvanized Iron Ducting, Ga. 24	1	lot	
	300mm x 30mm Exhaust Air Grille, fixed blade steel, oven baked enamel paint finish	21	pc	
	Full Threaded Round Bar, size 10mm x 6 meter length	1	lot	
	Angle Bar, 50mm x 50mm x 10mm thick (6 meters length)	1	lot	
	Labor Cost	1	lot	
8	EF-PL54; 1-unit Roof Ventilator, 6,200CFM, 2HP, 480V/3-ph/60Hz			
	Fan Housing	1	unit	
	Fan Impeller	1	unit	
	Squirrel Cage Induction Motor, Driven Pulley, Bracket Assy.	1	set	
	Drive Pulley	1	pc	
	Fan Belt	2	pc	
	Pillow Block Bearing	2	pc	
	THW Wire	1	lot	
	Control Switch (Circuit Breaker 20A, with nema 3R enclosure)	1	assy.	
	Base repair, supports & re-waterproofing, including painting materials (nut & washer, paint brush, epoxy primer, enamel paint, rugs, etc.)	1	lot	
	Galvanized Iron Ducting, Ga. 24	1	lot	
	300mm x 30mm Exhaust Air Grille, fixed blade steel, oven baked enamel paint finish	24	pc	
	Full Threaded Round Bar, size 10mm x 6 meter length	1	lot	
	Angle Bar, 50mm x 50mm x 10mm thick (6 meters length)	1	lot	
	Labor Cost	1	lot	
9	EF-PL55			
	Type: Roof Ventilator, 18,600CFM, 7 1/2HP, 480V/3-ph/60Hz	3	set	
	THW Wire	1	lot	
	Control Switch (Circuit Breaker 40A, with nema 3R enclosure)	3	assy.	
	Base repair, supports & re-waterproofing, including painting materials (nut & washer, paint brush, epoxy primer, enamel paint, rugs, etc.)	1	lot	
	Galvanized Iron Ducting, Ga. 24	1	lot	

PHILIPPINE INTERNATIONAL CONVENTION CENTER  
 Technical Services Department  
 Mechanical Services Department

**BILL OF QUANTITIES**

	300mm x 30mm Exhaust Air Grille, fixed blade steel, oven baked enamel paint finish	4	pc		
	Full Threaded Round Bar, size 10mm x 6 meter length	1	lot		
	Angle Bar, 50mm x 50mm x 10mm thick (6 meters length)	1	lot		
	Labor Cost	1	lot		
	<i>Total Direct Cost</i>				
<b>B.</b>	<b>Indirect Cost</b>				
	Overhead, Contingency & Miscellaneous Cost (5% of Direct Cost)	1	lot		
	Contractor's Profit, (10% of Direct Cost)	1	lot		
	VAT [12% of (Direct & Indirect Cost)]	1	lot		
	<i>Total Indirect Cost</i>				
	<b>Grand Total</b>				

Prepared by:

\_\_\_\_\_  
 Name / Signature