

BIDDING DOCUMENTS

FOR THE

**SUPPLY OF LABOR, MATERIALS AND EQUIPMENT FOR
THE RETROFITTING AND RENOVATION OF THE SEC
CEBU EXTENSION OFFICE (RE-BIDDING)**

Public Bidding No. 2024-044

**Sixth Edition
July 2020**

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Infrastructure Projects (hereinafter referred to also as the “Works”) through Competitive Bidding have been prepared by the Government of the Philippines for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or -controlled corporations, government financial institutions, state universities and colleges, local government units, and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

The PBDs are intended as a model for ad measurements (unit prices or unit rates in a bill of quantities) types of contract, which are the most common in Works contracting.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract; (ii) the eligibility requirements of Bidders; (iii) the expected contract duration; and (iv) the obligations, duties, and/or functions of the winning Bidder.

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

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

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

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

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Glossary of 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

Notes on the Invitation to Bid

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

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

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

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



INVITATION TO BID FOR THE

SUPPLY OF LABOR, MATERIALS AND EQUIPMENT FOR THE RETROFITTING AND RENOVATION OF THE SEC CEBU EXTENSION OFFICE (RE-BIDDING)

1. The **Securities and Exchange Commission (SEC)**, through the **FY 2024 Annual Operating Budget of SEC**, intends to apply the sum of **Fifty-One Million Pesos (Php 51,000,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Supply of Labor, Materials and Equipment for the Retrofitting and Renovation of the SEC-Cebu Extension Office (Re-bidding)** under **Public Bidding No. 2024-044**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **SEC** now invites bids for the above Procurement Project. Completion of the Works is required within **six (6) months from the issuance of the Notice to Proceed or from the date stated therein**. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from the SEC and inspect the Bidding Documents at the address given below from 8:00AM to 5:00PM.
5. A complete set of Bidding Documents may be acquired by interested bidders on November 23, 2024 from given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Fifty Thousand Pesos (Php 50,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees physically or electronically.

Prospective bidders are advised to send an email at iatorresjr@sec.gov.ph to request for the Payment Assessment Form (PAF), which shall be used for the payment of the abovementioned applicable fee.

Payments should be done over the counter at any Landbank branch nationwide or online through eSPAYSEC.

For over-the-counter payment at LandBank:

- Print 2 copies of PAF:

- 1 Client Copy
- 1 LandBank Copy
- Accomplish the on-Call Payment slip per fund account as indicated on the breakdown summary.
- Use the correct Fund Account and Account No. and provide the below information:
 - Reference Number 1 - PAF No.
 - Reference Number 2 - Name of Payor appearing on the PAF
- Present On Call Payment Slip, together with the PAF, to the LandBank Teller

For online payment:

- Access eSPAYSEC through the link below, enter PAF Reference Number, select your payment: <https://www.sec.gov.ph/sec-payment-portal>
 - Enter PAF Reference Number
 - Select preferred payment option:
 - Debit/Credit Card
 - Paymaya Wallet/GCash
 - Enter email address and verification code
 - Click proceed to payment
6. The SEC will hold a Pre-Bid Conference on **December 02, 2024 (Monday) 1:00 P.M.** at **MSD Conference Room, 7th/F, The SEC Headquarters, 7907 Makati Avenue, Salcedo Village, Bel-Air, 1209 Makati City** and/or through video conferencing or webcasting via zoom, which shall be open to prospective bidders.
- The prospective bidders are advised to send email at iatorresjr@sec.gov.ph and for the link to join the meeting which will be provided before the scheduled Pre-Bid Conference.
7. Bids must be duly received by the BAC Secretariat through manual submission at the **Procurement Unit, 7th/F The SEC Headquarters, 7907 Makati Avenue, Salcedo Village, Barangay Bel-Air, Makati City**, on or before, **December 16, 2024 (Monday) 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 16**.
9. Bid Opening shall be on **December 16, 2024 (Monday) 1:15 P.M.** at **MSD Conference Room, 7th/F, The SEC Headquarters, 7907 Makati Avenue, Salcedo Village, Bel-Air, 1209 Makati City**.

10. Each Bidder shall submit one **(1) set** of the first and second components of its bid. Bidders must arrange each bid document into sections with tabs properly labeled separating each document according to the provided checklist.
11. The Securities and Exchange Commission 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 Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to: SEC BAC Secretariat

*Supply Chain Division
Procurement Unit
Management Services Department
7/F The SEC Headquarters, 7907 Makati Ave.
Salcedo Village, Bel-Air, 1209 Makati City
Telephone No.: 8818-5330*

13. You may visit the following websites to download the Bidding Documents:

***<https://www.sec.gov.ph>
<https://www.philgeps.gov.ph>***

November 22, 2024


ARMANDO A. PAN, JR.
Chairman, BAC

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

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

1. Scope of Bid

The Procuring Entity, SEC, invites Bids for the **Supply of Labor, Materials and Equipment for the Retrofitting and Renovation of the SEC-CEBU Extension Office (Re-bidding)** with Project Identification Number: **Public bidding No. 2024-044**.

The Procurement Project (referred to herein as “Project”) is for the Construction of Works, as described in Section VI (Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below FY 2024 in the amount of **Fifty-One Million Pesos (Php 51,000,000.00)**

2.2. The source of funding is through the authorized appropriations under the approved **FY 2024 Annual Operating Budget of SEC**.

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 Manual 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 invitation to bid 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 inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) 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, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, 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. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be "similar" to the contract to be bid if it has the major categories of work stated in the **BDS**.

- 5.3. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated 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.

7. Subcontracts

The Procuring Entity has prescribed that sub-contracting is NOT allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address at **MSD Conference Room, 7th/F SEC Headquarters, 7907 Makati Avenue, Salcedo Village, Barangay Bel-Air, 1209 Makati City** 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 IX. Checklist of Technical and Financial Documents**.

- 10.2. 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. 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.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.
- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

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 IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

12. Alternative Bids

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

13. Bid Prices

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

14. Bid and Payment Currencies

- 14.1. 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.
- 14.2. Payment of the contract price shall be made in Philippine Peso.

15. Bid Security

- 15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 15.2. The Bid and bid security shall be valid for **120 Calendar Days** reckoned from the opening of bids. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. 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 to the given website 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.

17. Deadline for Submission of Bids

The Bidders shall submit on the specified date and time and either at its physical address as indicated in paragraph 7 of the **IB**.

18. Opening and Preliminary Examination of Bids

- 18.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 10 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.

- 18.2. The preliminary examination of Bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring Entity's 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 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 15 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

Notes on the Bid Data Sheet (BDS)

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

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

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

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

Bid Data Sheet

ITB Clause													
5.2	Statement of the Bidder's Single Largest Completed Contract (SLCC) similar to the requirement shall be any projects that involves Retrofitting of Office Building , and in the amount of at least 50% of the Approved Budget for the Contract.												
7.1	Not Applicable												
10.3	Current Valid PCAB License and Registration for "General Building" with at least " Medium A " (size range). License Category B .												
10.4	The Key personnel must meet the required minimum years of experience set below: <table border="1"> <thead> <tr> <th>Personnel</th><th>Professional Qualification/s</th></tr> </thead> <tbody> <tr> <td>One (1) Project Manager (PM)</td><td>Registered Civil Engineer or Architect with at least Five (5) years of experience in the construction industry,</td></tr> <tr> <td>One (1) Project/ On-site Engineer</td><td>Registered Civil Engineer with at least Five (5) years of experience in the construction industry.</td></tr> <tr> <td>One (1) Safety Officer</td><td> • Certified by an accredited safety organization in Construction Occupational Safety and Health as prescribe by Department of Labor and Employment; and • With at least Five (5) years of experience in the construction industry. </td></tr> <tr> <td>One (1) Materials Engineer</td><td>Registered Civil Engineer with at least Five (5) years of experience in the construction industry.</td></tr> <tr> <td>One (1) Foreman</td><td>With at least Five (5) years of experience as Foreman in the construction industry.</td></tr> </tbody> </table> Each of the contractor's Key Personnel must be supported by the following document: For PM/Project Engineer/Materials Engineer: - Curriculum Vitae; - Valid Professional Identification Card issued by the Professional Regulation Commission. If for Renewal, submit a copy of the following: - Recently expired Professional Identification Card; and - Official Receipt as proof of payment for the application for renewal For Safety Officer: - Curriculum Vitae - Certificate of Training on Construction Occupational Safety and Health issued by DOLE-accredited training center Foreman: Curriculum Vitae	Personnel	Professional Qualification/s	One (1) Project Manager (PM)	Registered Civil Engineer or Architect with at least Five (5) years of experience in the construction industry,	One (1) Project/ On-site Engineer	Registered Civil Engineer with at least Five (5) years of experience in the construction industry.	One (1) Safety Officer	• Certified by an accredited safety organization in Construction Occupational Safety and Health as prescribe by Department of Labor and Employment; and • With at least Five (5) years of experience in the construction industry.	One (1) Materials Engineer	Registered Civil Engineer with at least Five (5) years of experience in the construction industry.	One (1) Foreman	With at least Five (5) years of experience as Foreman in the construction industry.
Personnel	Professional Qualification/s												
One (1) Project Manager (PM)	Registered Civil Engineer or Architect with at least Five (5) years of experience in the construction industry,												
One (1) Project/ On-site Engineer	Registered Civil Engineer with at least Five (5) years of experience in the construction industry.												
One (1) Safety Officer	• Certified by an accredited safety organization in Construction Occupational Safety and Health as prescribe by Department of Labor and Employment; and • With at least Five (5) years of experience in the construction industry.												
One (1) Materials Engineer	Registered Civil Engineer with at least Five (5) years of experience in the construction industry.												
One (1) Foreman	With at least Five (5) years of experience as Foreman in the construction industry.												

10.5	Not applicable
12	Not Applicable
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: a. The amount of not less than Php 1,020,000.00 or (2%) of ABC, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than Php 2,550,000.00 or (5%) of ABC, if bid security is in Surety Bond.
19.2	Partial bids are not allowed
20	The bidder with the Lowest Calculated Bid shall submit ALL of the following post-qualification requirements: 1. Latest Income and Business Tax Returns, filed and paid through the Electronic Filing and Payments System (EFPS), consisting of the following: i. Latest Income Tax Return with proof of payment; and ii. VAT Returns (Form 2550M and 2550Q) or Percentage Tax Returns (2551M) with proof of payment within the last six (6) months.
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as Construction schedule and S-curve, Manpower schedule, Construction methods, Equipment utilization schedule, Construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

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

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

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

1. Scope of Contract

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

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

2. Sectional Completion of Works

If sectional completion is specified in the **Special Conditions of Contract (SCC)**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

3. Possession of Site

3.1 The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.

3.2 If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. The Contractor's Obligations

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB** Clause 10.3 and specified in the **BDS**, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

5. Performance Security

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

6. Site Investigation Reports

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the SCC supplemented by any information obtained by the Contractor.

7. Warranty

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the SCC.

8. Liability of the Contractor

Subject to additional provisions, if any, set forth in the SCC, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

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

9. Termination for Other Causes

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in ITB Clause 4.

10. Dayworks

Subject to the guidelines on Variation Order in Annex “E” of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the SCC, the Dayworks rates in the Contractor’s Bid shall be used for small additional amounts of work only when the Procuring Entity’s Representative has given written instructions in advance for additional work to be paid for in that way.

11. Program of Work

11.1. The Contractor shall submit to the Procuring Entity’s Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the SCC.

11.2. The Contractor shall submit to the Procuring Entity’s Representative for approval an updated Program of Work at intervals no longer than the period stated in the SCC. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity’s Representative may withhold the amount stated in the SCC from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

12. Instructions, Inspections and Audits

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor’s accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

13. Advance Payment

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the SCC, subject to the requirements in Annex “E” of the 2016 revised IRR of RA No. 9184.

14. Progress Payments

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity’s Representative/Project Engineer. Except as otherwise stipulated in the SCC, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

15. Operating and Maintenance Manuals

- 15.1. If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the SCC.
- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity’s Representative’s approval, the Procuring Entity’s Representative may withhold the amount stated in the SCC from payments due to the Contractor.

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

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

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

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

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

Special Conditions of Contract

GCC Clause	
2	Completion Period: The contractor shall complete and turn-over the project within Six (6) months from the issuance of the Notice to Proceed or from the date specified therein.
4.1	Possession of the Site shall be given to the Contractor as specified in the SEC- CEBEO Scope of Works and Specifications and SEC- CEBEO Approved Plans and Drawings.
6	No further instruction
7.2	Fifteen (15) years.
10	Dayworks are applicable at the rate shown in the Contractor's original Bid.
11.1	The Contractor shall be required to submit to SEC within ten (10) calendar days from receipt of the Notice of Award the following additional project requirements: a. Construction Schedule b. S-Curve c. PERT-CPM d. Manpower Schedule and List of Equipment e. Construction Methodology in Narrative Form
11.2	The amount to be withheld for late submission of an updated Program of Work is one percent (1%) of the gross amount due for payment.
13	The amount of the advance payment/mobilization fee is 15% of the total contract price. The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum. The advance payment shall be made only upon the submission to and acceptance by the procuring entity of an irrevocable standby letter of credit of equivalent value from a commercial bank, a bank guarantee or a surety bond callable upon demand, issued by a surety or insurance company duly licensed by the Insurance Commission and confirmed by the procuring entity. The advance payment shall be repaid by the contractor by deducting fifteen percent (15%) from his periodic progress payments a percentage equal to the percentage of the total contract price used for the advance payment.

	The contractor may reduce his standby letter of credit or guarantee instrument by the amounts refunded by the Monthly Certificates in the advance payment.
14	<u>Payment Schedule:</u> Mobilization Fee/ Advance Payment – 15% of Contract Cost 1st Progress Billing - at least 30% (actual accomplishment) 2nd Progress Billing – at least 75 % (actual accomplishment) Final Billing – 100% completion Materials and equipment delivered on the site but not completely put in place shall not be included for payment.
15.1	The date by which operating and maintenance manuals and “as built” drawings shall be submitted upon date of completion.
15.2	The amount to be withheld for failing to submit and secure acceptance and approval of “as built” drawings and/or operating and maintenance manuals by the date required is two percent (2%) of the Contract Price.

Section VI. Specifications

Notes on Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying or conditioning their Bids. In the context of international competitive bidding, the specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of economy, efficiency, and fairness in procurement be realized, responsiveness of Bids be ensured, and the subsequent task of bid evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. The use of metric units is mandatory. Most specifications are normally written specially by the Procuring Entity or its representative to suit the Works at hand. There is no standard set of Specifications for universal application in all sectors in all regions, but there are established principles and practices, which are reflected in these PBDs.

There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors, such as highways, ports, railways, urban housing, irrigation, and water supply, in the same country or region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly involved in construction, although not necessarily to be used in a particular Works Contract. Deletions or addenda should then adapt the General Specifications to the particular Works.

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

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national, or relate to a particular country or region, other authoritative standards that ensure a substantially equal or higher quality than the standards and codes specified will be accepted

subject to the Procuring Entity's Representative's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Procuring Entity's Representative at least twenty-eight (28) days prior to the date when the Contractor desires the Procuring Entity's Representative's consent. In the event the Procuring Entity's Representative determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.

These notes are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final Bidding Documents.

(Please see attached Annex "A")

Section VII. Drawings

(Please see attached Annex “B”)

Section VIII. Bill of Quantities

Notes on the Bill of Quantities

Objectives

The objectives of the Bill of Quantities are:

- a. to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
- b. when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

Daywork Schedule

A Daywork Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Entity of the realism of rates quoted by the Bidders, the Daywork Schedule should normally comprise the following:

- a. A list of the various classes of labor, materials, and Constructional Plant for which basic daywork rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a daywork basis.
- b. Nominal quantities for each item of Daywork, to be priced by each Bidder at Daywork rates as Bid. The rate to be entered by the Bidder against each basic Daywork item should include the Contractor's profit, overheads, supervision, and other charges.

Provisional Sums

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the

future need arises. Where such provisional sums or contingency allowances are used, the SCC should state the manner in which they will be used, and under whose authority (usually the Procuring Entity's Representative's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

Signature Box

A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized representative of the Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final documents.

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
1.0	GENERAL REQUIREMENTS				
1.0.1	Mobilization and Demobilization	1.00	lot	₱	₱
1.0.2	Permit and Fees (Building Permits, Electrical Permit,	1.00	lot	₱	₱
1.0.3	Insurances	1.00	lot	₱	₱
1.0.4	Occupational Safety and Health (PPE & Safety Requirements)	1.00	lot	₱	₱
1.0.5	Project Supervision	1.00	lot	₱	₱
1.0.6	Complete As- Built Drawings	1.00	lot	₱	₱
1.0.7	Temporary Facilities / Utilities	1.00	lot	₱	₱
1.0.8	Provision of Steel Scaffoldings	1.00	lot	₱	₱
1.0.9	Clearing, Grubbing and Hauling	1.00	lot	₱	₱
1.0.10	Testing and Commissioning	1.00	lot	₱	₱
Sub-total Amount, 1.0					₱
2.0	STRUCTURAL/ RETROFITTING WORKS				
2.1	EARTHWORKS				
2.1.1	Structural Excavation	11.00	cu.m.	₱	₱
2.1.2	Gravel Bedding	2.00	cu.m.	₱	₱
2.1.3	Backfill and Compaction	1.50	cu.m.	₱	₱
2.1.4	Soil Poisoning	2.50	sq.m.	₱	₱
Sub-total Amount, 2.1					₱
2.2	CONCRETE WORKS				
2.2.1	Structural Concrete, 4000 psi, Class A 28 Days	1.50	cu.m.	₱	₱
Sub-total Amount, 2.2					₱
2.3	REBAR WORKS				
2.3.1	12mmØ RBS Grade 60 @ Stair Slab	7.00	pcs	₱	₱
Sub-total Amount, 2.3					₱
2.4	FORMWORKS				
2.4.1	Formworks	4.00	sq.m.	₱	₱
Sub-total Amount, 2.4					₱
2.5	STEEL WORKS				
2.5.1	Additional Steel Beams/ Columns				
2.5.1.1	W12X30	1,900.00	kg	₱	₱
2.5.1.2	W12X40	1,925.00	kg	₱	₱
2.5.1.3	W12X45	6,760.00	kg	₱	₱
2.5.1.4	W12X50	6,015.00	kg	₱	₱
2.5.1.5	C12x20	60.00	kg	₱	₱
2.5.1.6	C12x30	280.00	kg	₱	₱
2.5.1.7	L40x40x6	46.00	kg	₱	₱
2.5.2	Additional Steel Plate, 4ft x 8ft				
2.5.2.1	3 mm thk Plate	100.00	pcs	₱	₱
2.5.2.2	4 mm thk Plate	20.00	pcs	₱	₱
2.5.2.3	5 mm thk Plate	5.00	pcs	₱	₱
2.5.2.4	6 mm thk Plate	134.00	pcs	₱	₱
2.5.2.5	8 mm thk Plate	77.00	pcs	₱	₱
2.5.2.6	10 mm thk Plate	30.00	pcs	₱	₱
2.5.2.7	Rust Remover	700.00	L		
2.5.3	Miscellaneous (Anchor Bolts, Expansion Bolts including Injectable / epoxy mortar)	1.00	lot	₱	₱
2.5.4	Anti-rust Paint	2,995.00	L		
Sub-total Amount, 2.5					₱
2.6	FIBER REINFORCED POLYMER SYSTEM				
2.6.1	Application of structural epoxy for cracks and uneven surface under abnormal condition/ Application of concrete repair by epoxy injection, if any	65.00	gals	₱	₱
2.6.2	Surface Preparation	390.00	sq.m	₱	₱
2.6.3	Cleaning of surface form debris/dust including anti dust plastic cover	390.00	sq.m	₱	₱
2.6.4	Structural epoxy adhesive	390.00	sq.m	₱	₱
2.6.5	Fiber Reinforced Polymer 600C	500.00	sq.m	₱	₱
Sub-total Amount, 2.6					₱
2.7	TANKS				
2.7.1	Earthworks				
2.7.1.1	Structural Excavation	91.00	cu.m.	₱	₱
2.7.1.2	Gravel Bedding	6.00	cu.m.	₱	₱
2.7.1.3	Backfill and Compaction	2.00	cu.m.	₱	₱

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
2.7.1.4	Soil Poisoning	97.00	sq.m.	₱	₱
2.7.2	Concrete Works				
2.7.2.1	Fire Reserve Tank	22.00	cu.m.	₱	₱
2.7.2.2	Septic Tank	10.00	cu.m.	₱	₱
2.7.3	Reinforcement				
2.7.3.1	Fire Reserve Tank				
2.7.3.1.1	10mmØ RBS Grade40	3.00	pcs	₱	₱
2.7.3.1.2	12mmØ RBS Grade60	410.00	pcs	₱	₱
2.7.3.1.3	16mmØ RBS Grade60	123.00	pcs	₱	₱
2.7.3.2	Septic Tank				
2.7.3.2.1	10mmØ RBS Grade40	33.00	pcs	₱	₱
2.7.3.2.2	12mmØ RBS Grade60	121.00	pcs	₱	₱
2.7.4	Formworks	175.00	sq.m	₱	₱
Sub-total Amount, 2.7					₱
2.8	GENSET ROOM				
2.8.1	Earthworks				
2.8.1.1	Structural Excavation	5.00	cu.m.		
2.8.1.2	Gravel Bedding	3.00	cu.m.		
2.8.1.3	Backfill and Compaction	3.50	cu.m.		
2.8.1.4	Soil Poisoning	62.00	sq.m.		
2.8.2	Structural Concrete, 4000 psi, Class A 28 Days	8.00	cu.m.		
2.8.3	Reinforcement				
2.8.3.1	10mmØ RBS Grade40	94.00	pcs		
2.8.3.2	16mmØ RBS Grade60	20.00	pcs		
Sub-total Amount, 2.8					₱
3.0	ARCHITECTURAL WORKS				
3.1	MASONRY AND DRYWALL WORKS				
3.1.1	150 mm thk CHB Wall	661.40	sqm	₱	₱
3.1.2	100 mm thk CHB Wall	95.31	sqm	₱	₱
3.1.3	25 mm thk. Plastering	1,513.42	sqm	₱	₱
3.1.4	100mm thk. Dry Wall Partition	143.04	sqm	₱	₱
Sub-total Amount, 3.1					₱
3.2	METALS				
3.2.1	Railings (Main Stairs, Fire Exit, Entrance, & Roof Deck)				
3.2.1.1	Steel Pipe (6 meters)				
3.2.1.1.1	50 mm dia. GA 304 Steel Pipe	6.00	lm	₱	₱
3.2.1.1.2	85 mm dia. GA 304 Steel Pipe	19.00	lm	₱	₱
3.2.1.2	G. I. Pipes				
3.2.1.2.1	75 mm dia. G.I. Pipe	22.93	lm	₱	₱
3.2.1.2.2	50 mm dia. G.I. Pipe	37.40	lm	₱	₱
3.2.1.2.3	15 mm dia. G.I. Pipe	88.00	lm	₱	₱
3.2.1.2.4	10 mm dia. G.I. Pipe	154.50	lm	₱	₱
Sub-total Amount, 3.2					₱
3.3	THERMAL AND MOISTURE PROTECTION				
3.3.1	Waterproofing				
3.3.1.1	WP-01- Cementitious Waterproofing (2 Coats)	476.00	sqm	₱	₱
3.3.1.2	WP-02- Torch-Applied Modified Bitumen Waterproofing	514.39	sqm	₱	₱
3.3.2	Roofing				
3.3.2.1	Polycarbonate Roof Panel	18.55	sqm	₱	₱
Sub-total Amount, 3.3					₱
3.4	OPENINGS (DOORS)				
3.4.1	Doors (including Jambes & Finish Hardware)				
3.4.1.1	D-1 0.80m x 2.15m 50mm Thk. Hollow Core Single Leaf Wood Door w/ Butt Hinge, Lever Type Handle, and Hinged Door Soft Closer Hardware & Accessories.	1.00	set/s	₱	₱
3.4.1.2	D-2 1.58m x 2.15m 50mm Thk. Double Leaf Hollow Metal Door w/ Louvers and Factory Applied Rust-Inhibiting Primer w/ Lever Type Lockset, and Accessories.	1.00	set/s	₱	₱
3.4.1.3	D-5 0.80m x 2.15m 50mm Thk. Single Leaf Hollow Metal Door w/ Louvers and Factory Applied Rust-Inhibiting Primer w/ Lever Type Lockset, And Accessories	4.00	set/s	₱	₱
3.4.1.4	D-6 0.98m x 2.15m 50mm Thk. Hollow Core Single Leaf Door in Laminated Finish w/ Louver and Privacy Type Lockset, Stainless Steel Kickplate And Accessories	4.00	set/s	₱	₱

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
3.4.1.5	D-7 0.80m x 2.15m 50mm Thk. Hollow Core Single Leaf Door in Laminated Finish w/ Louver and Privacy Type Lockset, Stainless Steel Kickplate and Accessories	9.00	set/s	₱ _____	₱ _____
3.4.1.6	D-8 1.47m x 2.15m 50mm Thk. Hollow Core Double Leaf Wood Door w/ 12mm Thk. Clear Glass Panel w/ Butt Hinge, Lever Type Lockset, Hinged Door Soft Closer, and Accessories.	1.00	set/s	₱ _____	₱ _____
3.4.1.7	D-9 0.96m x 2.15m 50mm Thk. Hollow Core Single Leaf Door	1.00	set/s	₱ _____	₱ _____
3.4.1.8	D-10 0.98m x 2.15m Safety Clear Low Iron Tempered	7.00	set/s	₱ _____	₱ _____
3.4.1.9	D-11 0.96m x 2.15m 50mm Thk. Hollow Core Single Leaf	1.00	set/s	₱ _____	₱ _____
3.4.1.10	D-12 0.75m x 2.15m 50mm Thk. Hollow Core Single Leaf Door in Laminated Finish w/ Louver and Privacy Type Lockset, Hardware, and Accessories.	2.00	set/s	₱ _____	₱ _____
3.4.1.11	D-13 1m x 2.15m 50mm Thk. Steel Door and Jamb with 1.50 Hrs. Fire-Rating, Steel Paint Finish, with Self-Closing Mechanism.	4.00	set/s	₱ _____	₱ _____
3.4.1.12	D-14 0.80m x 2.15m 50mm Thk. Hollow Core Single Leaf Wood Door w/ Butt Hinge, Lever Type Handle, Hinged Door Soft Closer & Accessories.	2.00	set/s	₱ _____	₱ _____
3.4.1.13	D-16 0.88m x 2.15m 50mm Thk. Hollow Core Double Leaf Sliding Door in Paint Finish w/ 12mm Thk. Frosted Glass w/ Butt Hinge, Lever Type Handle, Hinged Door Soft Closer & Accessories.	1.00	set/s	₱ _____	₱ _____
3.4.1.14	D-17 1.58m x 2.15m 50mm Thk. Hollow Core Double Leaf Sliding Door in Paint Finish w/ 12mm Thk. Frosted Glass w/ Butt Hinge, Lever Type Handle, Hinged Door Soft Closer & Accessories.	1.00	set/s	₱ _____	₱ _____
3.4.1.15	D-18 0.80m x 2.15m 50mm Thk. Hollow Core Single Leaf Wood Door w/ Butt Hinge, Lever Type Handle, Hinged Door Soft Closer & Accessories.	5.00	set/s	₱ _____	₱ _____
3.4.1.16	D-19 0.96m x 2.15m 50mm Thk. Hollow Core Single Leaf Wood Door w/ Butt Hinge, Lever Type Handle, Hinged Door Soft Closer & Accessories.	3.00	set/s	₱ _____	₱ _____
3.4.1.17	D-20 0.78m x 2.15m 50mm Thk. Hollow Core Single Leaf Door in Laminated Finish w/ Louver and Lever Type Lockset, Hardware, and Accessories.	5.00	set/s	₱ _____	₱ _____
3.4.1.18	D-21 0.90m x 2.15m 50mm Thk. Hollow Core Single Leaf Wood Door w/ 12mm Thk. Clear Glass Panel & Butt Hinge, Lever Type Handle, Hinged Door Soft Closer & Accessories.	1.00	set/s	₱ _____	₱ _____
3.4.1.19	D-22 1.9m x 2.15m Safety Clear Low Iron Tempered Toughened Double Action Swing 10mm Thk. Glass Door on Powder Coated Aluminum Mullion Frame	1.00	set/s	₱ _____	₱ _____
3.4.1.20	D-23 1.58m x 2.15m 50mm Thk. Hollow Metal Double Leaf Door in Paint Finish w/ Butt Hinge, Lever Type Handle, Door Stop, Dead Bolt, Hinged Door Soft Closer & Accessories.	1.00	set/s	₱ _____	₱ _____
3.4.1.21	D-24 0.90m x 2.15m 50mm Thk. Hollow Metal Door w/ Louvers and Factory Applied Rust-Inhibiting Primer w/ Lever Type Lockset, Hardware, and Accessories.	1.00	set/s	₱ _____	₱ _____
Sub-total Amount, 3.4					₱ _____
3.5	FINISHES				
3.5.1	Ceiling Finishes				
3.5.1.1	EXP-01 Concrete Slab Soffit Straight To Finish; Flat Paint Finish	1,008.90	Sqm	₱ _____	₱ _____
3.5.1.2	CF-01 12mm Acoustic Ceiling Board On T-Runner Framing Spaced @ 600mm x 600mm O.C. B.W.	325.61	Sqm	₱ _____	₱ _____
3.5.1.3	CF-02 12mm Thk. Moisture Resistant Gypsum Board on Metal Framing System, Flat Paint Finish	97.85	sqm	₱ _____	₱ _____
3.5.1.4	CF-03 12mm Thk. Gypsum Board on Metal Framing System, Flat Paint Finish	115.80	sqm	₱ _____	₱ _____
3.5.2	Wall Finishes				

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
3.5.2.1	WF-1a Semi-Gloss Acrylic Latex Paint Over Primer (Exterior - Glacier Gray)	2,242.69	sqm	₱ _____	₱ _____
3.5.2.2	WF-1b Semi-Gloss Acrylic Latex Paint Over Primer (Hazard Stripes Pattern @ 1200mm Ht.)	84.96	sqm	₱ _____	₱ _____
3.5.2.3	WF-1c Semi-Gloss Acrylic Latex Paint Over Primer (Interior - Off-White)	2,088.14	sqm	₱ _____	₱ _____
3.5.2.4	WF-1d Semi-Gloss Acrylic Latex Paint Over Primer (Interior - Off-White) With 30x50mm Pencil Round Moulding	61.95	sqm	₱ _____	₱ _____
3.5.2.5	WF-2 300mm x 300mm Ceramic Wall Tiles	248.40	sqm	₱ _____	₱ _____
3.5.2.6	WF-3 Elastomeric Waterproofing Paint (Firewalls - Glacier Gray)	715.64	sqm	₱ _____	₱ _____
3.5.3	Floor Finishes			₱ _____	₱ _____
3.5.3.1	FF-01 Brushed Concrete Finish	66.84	sqm	₱ _____	₱ _____
3.5.3.2	FF-02 Float Concrete Finish	196.60	sqm	₱ _____	₱ _____
3.5.3.3	FF-03 200mm x 200mm Concrete Tactile Tiles	19.80	sqm	₱ _____	₱ _____
3.5.3.4	FF-04 Self Leveling Epoxy Paint Finish	41.22	sqm	₱ _____	₱ _____
3.5.3.5	FF-05 Pebble-Wash Concrete Paving	182.83	sqm	₱ _____	₱ _____
3.5.3.6	FF-06 300mm x 300mm Non-Skid Ceramic Floor Tiles	113.72	sqm	₱ _____	₱ _____
3.5.3.7	FF-07 600mm x 600mm Non-Skid Ceramic Floor Tiles, Matte Finish	21.61	sqm	₱ _____	₱ _____
3.5.3.8	FF-08 600mm x 600mm Non-Skid Homogeneous Ceramic Tiles	1,296.00	sqm	₱ _____	₱ _____
3.5.3.9	FF-09 Bare Concrete Finish W/ Elastomeric Paint (Prussian Green)	507.27	sqm	₱ _____	₱ _____
3.5.3.10	FF-10 Polished Concrete Finish	41.10	sqm	₱ _____	₱ _____
3.5.3.11	FF-11 5mm Stainless Steel Chequered Plate	58.80	sqm	₱ _____	₱ _____
3.5.3.12	FF-12 Semi-Gloss Acrylic Latex Paint Over Primer (Hazard Stripes Pattern)	32.50	sqm	₱ _____	₱ _____
3.5.3.13	FF-13 300mm x 300mm Concrete Tactile Tiles	13.68	sqm	₱ _____	₱ _____
3.5.3.14	FF-14 1200mm x 300mm Non-skid Ceramic Stair Tiles Matte Finish	24.79	sqm	₱ _____	₱ _____
Sub-total Amount, 3.5					₱ _____
3.6	SPECIALTIES				
3.6.1	Toilet Accessories				
3.6.1.1	Water Closet				
	Toilet Bowl One-Piece Water Closet	22.00	set/s	₱ _____	₱ _____
3.6.1.2	Drop-In Lavatory				
	Standard models and simple design Ceramic Lavatory	26.00	set/s	₱ _____	₱ _____
3.6.1.3	Urinal				
	Urinal with Flush Valve	8.00	set/s	₱ _____	₱ _____
3.6.1.4	Shower Head				
	Shower with Mixer Round Head with Black Faucet	4.00	set/s	₱ _____	₱ _____
3.6.1.5	Urinal Partition				
	Panel Urinal Privacy Screen	8.00	set/s	₱ _____	₱ _____
3.6.1.6	Toilet Cubicle Partition				
	1 pair of adjustable foot, 1 pair of self closing hinge, 1 piece indicator lock, 1 piece of hook, 1 set of knob, & 10 pieces of bracket	12.00	set/s	₱ _____	₱ _____
3.6.1.7	Grab Bar				
	Stainless Steel	4.50	lm	₱ _____	₱ _____
3.6.1.8	Hand Dryer				
	Auto Hand Dryer Black/White	12.00	set/s	₱ _____	₱ _____
3.6.1.9	Wooden Legde				
	Engineered Wood with Common Framing Materials	3.60	lm	₱ _____	₱ _____
Sub-total Amount, 3.6					₱ _____
3.7	SEWAGE TREATMENT PLANT: FINISHES				
3.7.1	Wall Finishes				
3.7.1.1	WF-01 Semi-Gloss Exterior Paint Finish w/ Design Pattern (see details in plan)	44.84	sqm	₱ _____	₱ _____
Sub-total Amount, 3.7					₱ _____
3.8	FIRE PUMP ROOM AND UTILITIES				
3.8.1	Masonry Works				

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
3.8.1.1	150 mm thk CHB Wall	11.81	sqm	₱ _____	₱ _____
3.8.1.2	100 mm thk CHB Wall	49.57	sqm	₱ _____	₱ _____
3.8.1.3	25 mm thk. Plastering	289.77	sqm	₱ _____	₱ _____
3.8.2	Thermal and Moisture Protection				
3.8.2.1	Waterproofing				
3.8.2.1.1	WP-01- Cementitious Waterproofing (2 coats)	59.67	sqm	₱ _____	₱ _____
3.8.3	Openings				
3.8.3.1	Doors (including Jambs & Finish Hardware)				
3.8.3.1.1	D-13 2.10m x 2.15m 50 mm thk. Double Leaf Steel Louver Door & jamb w/ 1.50 hrs Fire Rating, Painted Finish	1.00	set/s	₱ _____	₱ _____
3.8.4	Finishes				
3.8.4.1	Ceiling Finishes				
3.8.4.1.1	EXP-01 Concrete Slab Soffit Straight To Finish; Flat Paint Finish	27.72	sqm	₱ _____	₱ _____
3.8.4.2	Wall Finishes				
3.8.4.2.1	WF-01 Semi-Gloss Exterior Paint Finish w/ Design Pattern (see details in plan)	74.74	sqm	₱ _____	₱ _____
3.8.4.2.2	WF-02 Semi-Gloss Interior Paint	69.08	sqm	₱ _____	₱ _____
3.8.4.2.3	WF-04 Semi-Gloss Exterior Paint Finish	40.50	sqm	₱ _____	₱ _____
3.8.4.3	Floor Finishes				
3.8.4.3.1	FF-01 Smooth Bare Concrete Finish	10.29	sqm	₱ _____	₱ _____
Sub-total Amount, 3.8					₱ _____
3.9	GENERATOR ROOM				
3.9.1	Masonry Works				
3.9.1.1	150 mm thk CHB Wall	68.40	sqm	₱ _____	₱ _____
3.9.1.2	25 mm thk. Plastering	136.80	sqm	₱ _____	₱ _____
3.9.2	Thermal and Moisture Protection				
3.9.2.1	Roofing works				
3.9.2.1.1	GA 24 Pre-painted Long Span, Rib Type Galvanize Aluminum (GL) Coated Steel Sheet Roofing	31.53	sqm	₱ _____	₱ _____
3.9.3	Openings				
3.9.3.1	Doors and Windows (including Jambs & Finish				
3.9.3.1.1	D-1 3.10m x 3.05m 50mm Thk. Hollow Metal Door w/ Louvers and Factory Applied Rust-Inhibiting Primer, Semi-Gloss Paint Finish w/ Lever Type Lockset Hardware, and Accessories	1.00	set/s	₱ _____	₱ _____
3.9.3.1.2	W-1 1.5m x 0.60m Steel Louver Window w/ Rust Inhibiting Primer	1.00	set/s	₱ _____	₱ _____
3.9.4	Finishes				
3.9.4.1	Ceiling Finishes				
3.9.4.1.1	EXP-01 Concrete Slab Soffit Straight To Finish; Flat Paint Finish	20.90	sqm	₱ _____	₱ _____
3.9.4.2	Wall Finishes				
3.9.4.2.1	WF-1a Semi-Gloss Acrylic Latex Based Paint Over Primer (Exterior-Verify Color)	68.40	sqm	₱ _____	₱ _____
3.9.4.2.2	WF-1b Semi-Gloss Acrylic Latex Based Paint Over Primer (Interior-Verify Color)	68.40	sqm	₱ _____	₱ _____
3.9.4.3	Floor Finishes				
3.9.4.3.1	FF-01 Self Leveling Epoxy Paint Finish	20.90	sqm	₱ _____	₱ _____
Sub-total Amount, 3.9					₱ _____
3.10	DEMOLITION AND DISMANTLING				
3.10.1	Demolition	133.43	sqm	₱ _____	₱ _____
3.10.2	Dismantling				
3.10.2.1	Flooring	1,457.38	sqm	₱ _____	₱ _____
3.10.2.2	Ceiling	1,600.00	sqm	₱ _____	₱ _____
3.10.2.3	Doors	49.00	sets	₱ _____	₱ _____
Sub-total Amount, 3.10					₱ _____
3.11	REPAINT, REPAIR, REUSE				
3.11.1	Openings (Doors)				
3.11.1.1	D-3 3.02m x 2.40m 12mm Thk. Double Leaf Tempered Clear Glass Door w/ Patch Fittings (Lockable) & "T" Type 1.5" Thk. SS Pull Handles w/ 12mm Thk. Tempered Clear Fixed Glass Window On Powder Coated Aluminum Frame.	1.00	set/s	₱ _____	₱ _____

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
3.11.1.2	D-4 0.775m x 2.15m 50mm Thk. Hollow Core Single Leaf Wood Door w/ Butt Hinge, and Lever Type Handle & Accessories.	1.00	set/s	₱ _____	₱ _____
3.11.1.3	D-15 2.04m x 2.15m 50mm Thk. Hollow Core Double Leaf Sliding Door in Paint Finish w/ 12mm Thk. Frosted Glass w/ Sliding Roller Track, Sliding Door Soft Closer & Accessories.	1.00	set/s	₱ _____	₱ _____
3.11.1.4	D-18 0.80m x 2.15m 50mm Thk. Hollow Core Single Leaf Wood Door w/ Butt Hinge, Lever Type Handle, Hinged Door Soft Closer & Accessories.	2.00	set/s	₱ _____	₱ _____
3.11.2	Openings (Windows)				
3.11.2.1	General Repair and Cleaning of Existing Glass Windows	1.00	Lot	₱ _____	₱ _____
Sub-total Amount, 3.11					₱ _____
4.0	FIRE PROTECTION WORKS				
4.1	SPRINKLER SYSTEM				
4.1.1	Fire Extinguisher				
4.1.1.1	10 lbs. HCFC-123 Fire Extinguisher, Wall Mounted	13.00	Piece/s	₱ _____	₱ _____
4.1.2	Fire Hose Cabinet				
4.1.2.1	Fire Hose Cabinet - Recessed Mounted complete with	5.00	Set/s	₱ _____	₱ _____
4.1.3	Sprinkler Head				
4.1.3.1	Pendent Sprinkler, 1/2" NPT, 155F, 5.6 k Factor, with	159.00	Piece/s	₱ _____	₱ _____
4.1.3.2	Upright Sprinkler, 1/2" NPT, 155F, 5.6 k Factor	10.00	Piece/s	₱ _____	₱ _____
4.1.4	Flushing Valve				
4.1.4.1	50 mm Ø	3.00	Piece/s	₱ _____	₱ _____
4.1.5	B.I. Pipe Sch. 40 x 6 m Length				
4.1.5.1	100 mm Ø	8.00	Piece/s	₱ _____	₱ _____
4.1.5.2	75 mm Ø	8.00	Piece/s	₱ _____	₱ _____
4.1.5.3	65 mm Ø	3.00	Piece/s	₱ _____	₱ _____
4.1.5.4	50 mm Ø	9.00	Piece/s	₱ _____	₱ _____
4.1.5.5	40 mm Ø	14.00	Piece/s	₱ _____	₱ _____
4.1.5.6	32 mm Ø	7.00	Piece/s	₱ _____	₱ _____
4.1.5.7	25 mm Ø	64.00	Piece/s	₱ _____	₱ _____
4.1.6	Floor Control Valve Assembly				
4.1.6.1	75 mm Ø	3.00	Piece/s	₱ _____	₱ _____
4.1.6.2	65 mm Ø	1.00	Piece/s	₱ _____	₱ _____
4.1.7	B.I. Fittings	1.00	Lot	₱ _____	₱ _____
Sub-total Amount, 4.1					₱ _____
4.2	FIRE PRO PUMP ROOM				
4.2.1	Fire Pump, FP/1	1.00	Set	₱ _____	₱ _____
	Vertical Turbine Type (Electric), UL Listed & FM Approved, complete with standard accessories 300 GPM Capacity x 320 ft. TDH 1770 RPM, 40 HP Fire pump Controller 230 Volts, 3-Ø (Three Phase), 60 Hz				
4.2.2	Jockey Pump, JP/1	1.00	Set	₱ _____	₱ _____
	Vertical Turbine Type (Electric), UL Listed & FM Approved, complete with standard accessories 20 GPM Capacity x 345 ft. TDH 3500 RPM, 3 HP Jockey Pump Controller 230 Volts, 3-Ø (Three Phase), 60 Hz				
4.2.3	600 mm x 600 mm Access Manhole for Fire Tank with Ladder Rung	1.00	Assy.	₱ _____	₱ _____
4.2.4	Miscellaneous and Consumables	1.00	Lot		
4.2.5	OS&Y Gate Valve				
4.2.5.1	OS&Y Gate Valve, 4" Ø (100 mm)	3.00	Piece/s	₱ _____	₱ _____
4.2.5.2	Tamper Switch for OS&Y Gate Valve	3.00	Piece/s	₱ _____	₱ _____
4.2.6	Pressure Relief Valve, 4" Ø (100 mm)	1.00	Piece/s		
4.2.7	Pressure Gauge				
4.2.7.1	Pressure Gauge, 4" Ø (100 mm)	2.00	Piece/s	₱ _____	₱ _____
4.2.8	Check Valve				
4.2.8.1	Check Valve, 4" Ø (100 mm)	2.00	Piece/s	₱ _____	₱ _____

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting
and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
4.2.9	Flexible Connection			₱ _____	₱ _____
4.2.9.1	Flexible Connection, 4" Ø (100 mm)	2.00	Piece/s		
4.2.10	Flow Meter, 4" Ø (100 mm)	1.00	Piece/s	₱ _____	₱ _____
4.2.11	Wye Strainer				
4.2.11.1	Wye Strainer, 4" Ø (100 mm)	2.00	Piece/s	₱ _____	₱ _____
4.2.12	Alarm Check Valve Riser			₱ _____	₱ _____
4.2.12.1	Alarm Check Valve Assembly, 4" Ø (100 mm) complete with standard accessories and trimmings.	1.00	Assy	₱ _____	₱ _____
4.2.12.2	OS&Y Gate Valve, 4" Ø (100 mm)	1.00	Piece/s	₱ _____	₱ _____
4.2.13.3	Tamper Switch for 4" Ø (100 mm) OS&Y Gate Valve	1.00	Piece/s	₱ _____	₱ _____
4.2.13	B.I. Pipe Sch. 40 x 6 m Length				
4.2.13.1	100 mm Ø	6.00	Piece/s	₱ _____	₱ _____
Sub-total Amount, 4.2					₱ _____
5.0	PLUMBING WORKS				
5.1	WATERLINE SYSTEM				
5.1.1	PPR Pipe, PN-20, 4m Length				
5.1.1.1	65 mm Ø	22.00	pc	₱ _____	₱ _____
5.1.1.2	50 mm Ø	28.00	pc	₱ _____	₱ _____
5.1.1.3	40 mm Ø	13.00	pc	₱ _____	₱ _____
5.1.1.4	32 mm Ø	9.00	pc	₱ _____	₱ _____
5.1.1.5	25 mm Ø	30.00	pc	₱ _____	₱ _____
5.1.1.6	20 mm Ø	64.00	pc	₱ _____	₱ _____
5.1.1.7	15 mm Ø	10.00	pc	₱ _____	₱ _____
5.1.2	Pipe Connectors, Fittings and Accessories	1.00	Lot	₱ _____	₱ _____
5.1.3	Hanger / Bracket / Support / Concrete Saddle	1.00	Lot	₱ _____	₱ _____
5.1.4	Chipping and Grinding Works	53.84	lm	₱ _____	₱ _____
5.1.5	Valves / Water Control & Accessories				
5.1.6	Gate Valve				
5.1.6.1	65 mm Ø	5.00	Piece/s	₱ _____	₱ _____
5.1.6.2	50 mm Ø	10.00	Piece/s	₱ _____	₱ _____
5.1.6.3	40 mm Ø	8.00	Piece/s	₱ _____	₱ _____
5.1.6.4	32 mm Ø	7.00	Piece/s	₱ _____	₱ _____
5.1.6.5	25 mm Ø	27.00	Piece/s	₱ _____	₱ _____
5.1.6.6	20 mm Ø	39.00	Piece/s	₱ _____	₱ _____
5.1.6.7	15 mm Ø	5.00	Piece/s	₱ _____	₱ _____
5.1.7	Check Valve				
5.1.7.1	65 mm Ø	1.00	Piece/s	₱ _____	₱ _____
5.1.7.2	50 mm Ø	1.00	Piece/s	₱ _____	₱ _____
5.1.7.3	40 mm Ø	1.00	Piece/s	₱ _____	₱ _____
5.1.8	Float Control Valve				
5.1.8.1	40 mm Ø	2.00	Piece/s	₱ _____	₱ _____
5.1.9	Hose Bib				
5.1.9.1	50 mm Ø	10.00	Pieces	₱ _____	₱ _____
5.1.10	Water Meter				
5.1.10.1	50 mm Ø	1.00	Piece/s	₱ _____	₱ _____
5.1.11	Water Hammer Arrestor (WHA)	36.00	Pieces	₱ _____	₱ _____
5.1.12	Flexible Connector				
5.1.12.1	50 mm Ø	8.00	Piece/s	₱ _____	₱ _____
5.1.13	Manhole Cover				
5.1.13.1	600mmØ C.I. Pressure Type, Water Tight	3.00	Piece/s	₱ _____	₱ _____
5.1.14	Water Filter				
5.1.14.1	Multimedia Filter (10"X54") - High grade granular activated carbon	2.00	set	₱ _____	₱ _____
Sub-total Amount, 5.1					₱ _____
5.2	SEWER AND VENT SYSTEM				
5.2.1	PVC Pipe, Series 1000, 3m Length				
5.2.1.1	150 mm Ø	6.00	Piece/s	₱ _____	₱ _____
5.2.1.2	100 mm Ø	21.00	Piece/s	₱ _____	₱ _____
5.2.1.3	75 mm Ø	2.00	Piece/s	₱ _____	₱ _____
5.2.1.4	50 mm Ø	3.00	Piece/s	₱ _____	₱ _____
5.2.2	Floor Clean-out (Brass)				
5.2.2.1	150 mm Ø	1.00	Piece/s	₱ _____	₱ _____
5.2.2.2	100 mm Ø	19.00	Piece/s	₱ _____	₱ _____
5.2.2.3	75 mm Ø	1.00	Piece/s	₱ _____	₱ _____
5.2.3	Ceiling Clean-out				

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
5.2.3.1	100 mm Ø	35.00	Piece/s	₱ _____	₱ _____
5.2.3.2	75 mm Ø	2.00	Piece/s	₱ _____	₱ _____
5.2.3.3	50 mm Ø	4.00	Piece/s	₱ _____	₱ _____
5.2.4	Tile Concealed Floor Drain (Brass Top w/ Cast Iron Body)				
5.2.4.1	50 mm Ø	19.00	Piece/s	₱ _____	₱ _____
5.2.4.2	75mm Ø	2.00	Piece/s	₱ _____	₱ _____
5.2.5	Stainless Steel 304 Grease Trap				
5.2.5.1	5 GPM	2.00	Unit/s	₱ _____	₱ _____
5.2.6	Vent Thru Roof				
5.2.6.1	50mm Ø	2.00	set	₱ _____	₱ _____
5.2.7	Pipe Connectors, Fittings and Accessories	1.00	Lot	₱ _____	₱ _____
5.2.8	Hanger / Bracket / Support / Concrete Saddle	1.00	Lot	₱ _____	₱ _____
5.2.9	Chipping, Coring and Grinding Works	64.56	lm	₱ _____	₱ _____
Sub-total Amount, 5.2					₱ _____
5.3	STORM DRAINAGE SYSTEM				
5.3.1	uPVC Pipe, Class 150, 6m Length				
5.3.1.1	200 mm Ø	3.00	Piece/s	₱ _____	₱ _____
5.3.1.2	150 mm Ø	14.00	Piece/s	₱ _____	₱ _____
5.3.1.3	75 mm Ø	5.00	Piece/s	₱ _____	₱ _____
5.3.1.4	50 mm Ø	22.00	Piece/s	₱ _____	₱ _____
5.3.2	uPVC Pipe, Class 150, 6m Length ACU DRAIN (PVC BLUE)				
5.3.2.1	32 mm Ø	42.00	Piece/s	₱ _____	₱ _____
5.3.2.2	25 mm Ø	8.00	Piece/s	₱ _____	₱ _____
5.3.3	Cleaning Clean-out (PVC)				
5.3.3.1	100 mm Ø	9.00	Piece/s	₱ _____	₱ _____
5.3.4	Roof Drain, Floor Drain, etc.				
5.3.4.1	100mm Ø Roof Drain	12.00	Piece/s	₱ _____	₱ _____
5.3.4.2	75mm Ø Parking Drain/Deck Drain/ Tank Drain	4.00	Piece/s	₱ _____	₱ _____
5.3.4.3	75mm Ø Rainwater Outlet	5.00	Piece/s	₱ _____	₱ _____
5.3.4.4	100mm diameter Floor Drain	23.00	Piece/s	₱ _____	₱ _____
5.3.5	Mild Steel Grating Cover				
5.3.5.1	100mm Ø diameter Roof Drain	50.00	Piece/s	₱ _____	₱ _____
5.3.6	Pipe Connectors, Fittings and Accessories	1.00	Lot	₱ _____	₱ _____
5.3.7	Hanger / Bracket / Support / Concrete Saddle	1.00	Lot	₱ _____	₱ _____
Sub-total Amount, 5.3					₱ _____
5.4	PLUMBING APPLIANCE - PUMPS, TANKS AND HEATERS				
5.4.1	Pumps				
5.4.1.1	Potable Duplex Type Booster Pump - Vertical-In-Line Vertical multi-stage centrifugal booster pump, complete with pump motor, booster pump control drivers, VFD & std. accessories. Shall serve transferring potable water from cistern to overhead water tank. Run alternating 1 Duty & 1 Standby. Capacity: 32 GPM X 120 TDH Ft. X 2.0 HP x 1 PH x 60HZ Location: At Roof Deck Pump Room	1.00	set	₱ _____	₱ _____
5.4.1.2	Non-Potable Duplex Type Booster Pump, - Vertical-In-Line Vertical multi-stage centrifugal booster pump, complete with pump motor, booster pump control drivers, VFD & std. accessories. Shall serve transferring potable water from cistern to overhead water tank. Run alternating 1 Duty & 1 Standby. Capacity: 80 GPM X 220TDH Ft. X 7.5HP x 1 PH x 60HZ Location: At Parking Area	1.00	set	₱ _____	₱ _____
5.4.1.3	Duplex Type Transfer Pump, - Vertical-In-Line Vertical multi-stage centrifugal booster pump, complete with pump motor, booster pump control drivers, VFD & std. accessories. Shall serve transferring potable water from cistern to overhead water tank. Run alternating 1 Duty & 1 Standby. Capacity: 30 GPM X 155TDH Ft. X 2.0HP x 1 PH x 60HZ Location: At Parking Area	1.00	set	₱ _____	₱ _____
5.4.2	Tanks				
5.4.2.1	2-200 gallons Overhead Water Tank	1.00	set	₱ _____	₱ _____

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
	Capacity: 200 Gallons each				
5.4.2.2	2-500 galons Cistern Water Tank	1.00	set	₱ _____	₱ _____
	Capacity: 500 Gallons each				
5.4.2.3	Pressurized Cylindrical Potable Water Bladder Tank	1.00	set	₱ _____	₱ _____
	Capacity: 30 Gallons				
5.4.2.4	Pressurized Cylindrical Non- Potable Water Bladder Tank	1.00	set	₱ _____	₱ _____
	Capacity: 110 Gallons				
5.4.3	Heater				
5.4.3.1	Wall Mounted Electric Water heater	5.00	set	₱ _____	₱ _____
Sub-total Amount, 5.4					₱ _____
6.0	MECHANICAL WORKS				
6.1	HEATING, VENTILATION, AND AIR CONDITIONING SYSTEM (MAIN BUILDING)				
6.1.1	Split Type Aircon - Inverter Type (For Relocation of Existing Units)				
6.1.1.1	ACCU UG-5/ FCU UG-5, Working Space and Lobby Fan Coil Unit - (10 KW) Cooling Capacity (Floor Mounted Type Units) (3.7 kw, 230V, 1Ph, 60Hz) Electrical Capacity, Floor Mounted Type Units, (3.7 kw, 230V, 1Ph, 60Hz) Working Space (2) Floor Mounted Type Units, (3.7 kw, 230V, 1Ph, 60Hz) Lobby (2)	4.00	Unit/s	₱ _____	₱ _____
6.1.1.2	ACCU 2F-5 / FCU 2F-5, 2nd Floor, Monitoring Unit Floor Mounted type, (230V, 1ph, 60hz), Monitoring unit (2)	2.00	Unit/s	₱ _____	₱ _____
6.1.2	Window Type Air-Condition (For Relocation of Existing Unit)				
6.1.2.1	MB113, RD, R-410A, Machine Room Wall mounted, 230 V, 1ph, 60hz, capacity 2KW, Machine Room	1.00	Unit	₱ _____	₱ _____
6.1.3	Toilet Exhaust Fan (New Units)				
6.1.3.1	TEF / 1 170 CMH x 0.5 in of W.G. TSP Toilet Exhaust Fan / Ceiling Mounted with exhaust pipe to Upper Ground , Male, Female and PWD toilets (3) Second Floor - Directors's office toilet and PWD (2) Third Floor- Guest Room Toilets, 1, 2 and 3, and PWD toilets Fourth floor-PWD toilet (1)	10.00	Unit/s	₱ _____	₱ _____
6.1.3.2	TEF / 2 255 CMH x 0.5 in of W.G. TSP Upper Ground, Male and Female toilet (2) 2nd Floor, Male and Female Toilet (2) 3rd Floor, Male and Female Toilet (2) 4th Floor, Male and Female Toilet (2)	8.00	Unit/s	₱ _____	₱ _____
6.1.4	Exhaust Fan				
6.1.4.1	EF / 1-Ceiling Mounted, cabinet type 170 CMH x 0.5 in of W.G. TSP Upper Ground-Chemical Storage (1) Director's office storage room (1)	2.00	Unit/s	₱ _____	₱ _____
6.1.4.2	EF-2 , Ceiling Mounted, cabinet type 255 CMH, 0.5 in s.p., 230V, 1ph, 60hz, 0.075 kw motor Conference room - Pantry	1.00	Unit	₱ _____	₱ _____
6.1.4.3	EF-3, Wall Mounted Type 680 CMH, 0.025 inches s.p., 230 v 1 ph, 60hz, 0.25 HP Stock room 3rd floor (1) Stock room 4th floor (1)	2.00	Unit/s	₱ _____	₱ _____
6.1.4.4	EF-4 , wall mounted type 1020 CMH, 0.125 inches sp, 230 volts, 1 ph, 60hz, 0.25 HP motor	1.00	Unit/s	₱ _____	₱ _____
6.1.4.5	EF-5 , wall mounted type 1530 CMH, 0.125 inches sp, 230 v, 1ph, 60hz, 0.5HP motor Roof Deck Machine Room	2.00	Unit/s	₱ _____	₱ _____
6.1.4.6	EF-6, Inline Centrifugal ducted Ventilating FAF 1190 CMH, 2.0 inches s.p. 230v, 1ph, 60hz, 0.5 HP motor Supplies and Records Room , upper ground and third floor	2.00	Unit/s	₱ _____	₱ _____
6.1.4.7	EF-7, Inline Centrifugal Ventilation Fan 2040 CMH, 2.0 inches s.p, 230v, 1ph, 60hz, 1.0HP motor, Upper Ground Records room	1.00	Unit/s	₱ _____	₱ _____
6.1.5	ORBIT FAN-HVLS High Volume Low Speed Fans	12.00	Unit/s	₱ _____	₱ _____

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
6.1.5.1	CF-1 , Ceiling Mounted Fan , 56 inches, 230v, 1ph,60hz, 90 watts				
6.1.5.2	Lobby lounge open space				
6.1.6	RH-1, Range Hood -kitchen ventilation,	1.00	Unit	₱ _____	₱ _____
6.1.6.1	464 to 778 CMH, 230vac, 1ph, 60hz, 0.13 KW				
6.1.6.2	Kitchen and Pantry				
6.1.7	Vibration Isolators, Hangers and Supports	1.00	Lot	₱ _____	₱ _____
6.1.8	Refrigerant Piping System				
6.1.8.1	Copper Pipes and Rubber Insulation Copper Pipes - Hard Drawn Type L, Schedule 40, Seamless 15.9 mm (5/8") Ø - 346.50 meters 12.7 mm (5/8") Ø - 7.50 meters 9.5 mm (3/8") Ø - 241.00 meters 6.35 mm (1/4") Ø - 119.00 meters Closed Cell Elastomeric (CCE) Rubber Insulation - Class 1 x 15.9 mm (5/8") Ø - 346.50 meters 12.7 mm (5/8") Ø - 7.50 meters 9.5 mm (3/8") Ø - 241.00 meters 6.35 mm (1/4") Ø - 119.00 meters	1.00	Lot	₱ _____	₱ _____
6.1.8.2	Copper Fittings	1.00	Lot	₱ _____	₱ _____
6.1.8.3	Brazing Equipment	1.00	Lot	₱ _____	₱ _____
6.1.8.4	Pipe Hanger & Support	1.00	Lot	₱ _____	₱ _____
6.1.8.5	PVC Pipe, Series 600, 3m Length				
6.1.8.5.1	100 mm Ø	26.00	Piece/s	₱ _____	₱ _____
6.1.8.5.2	150 mm Ø	1.00	Piece/s	₱ _____	₱ _____
6.1.8.6	Aluminum Vent Cap, with hood and insect screen, oven baked enamel paint finish				
6.1.8.6.1	100 mm Ø	12.00	Piece/s	₱ _____	₱ _____
6.1.8.6.2	150 mm Ø	1.00	Piece/s	₱ _____	₱ _____
6.1.8.7	Duct Works	16.00	Sheet/s	₱ _____	₱ _____
6.1.8.7.1	G.I. Sheet, Ga. # 24				
6.1.8.8	Extras for bends, offset and other fittings	1.00	Lot	₱ _____	₱ _____
6.1.8.9	Consumable Materials	1.00	Lot	₱ _____	₱ _____
6.1.8.9.1	Duct Sccessories, Duct Hangers / Supports				
Sub-total Amount, 6.1				₱ _____	
6.2	HEATING, VENTILATION, AND AIR CONDITIONING SYSTEM (FIRE PRO PUMP ROOM)				
6.2.1	Exhaust Fan				
6.2.1.1	EF / 4 650 CMH x 0.125 in of W.G. TSP	1.00	Unit/s	₱ _____	₱ _____
6.2.2	Fresh Air Fan				
6.2.2.1	FAF / 4 650 CMH x 0.125 in of W.G. TSP	1.00	Unit/s	₱ _____	₱ _____
Sub-total Amount, 6.2				₱ _____	
6.3	HEATING, VENTILATION, AND AIR CONDITIONING SYSTEM (GENERATOR ROOM)				
6.3.1	Exhaust Fan				
6.3.1.1	EF / 5 950 CMH x 0.125 in of W.G. TSP	1.00	Unit/s	₱ _____	₱ _____
6.3.2	Fresh Air Fan				
6.3.2.1	FAF / 5 950 CMH x 0.125 in of W.G. TSP	1.00	Unit/s	₱ _____	₱ _____
Sub-total Amount, 6.3				₱ _____	
7.0	ELECTRICAL WORKS				
7.1	LOW VOLTAGE ELECTRICAL DISTRIBUTION Supply, installation, termination and commissioning of low voltage electrical distribution conductors and cables, conduits, connectors, fittings, enclosed circuit breakers including termination accessories and all necessary items to complete the works in accordance with the drawings and specifications.				
7.1.1	Switchboards and Panelboards				
7.1.1.1	Panel:FPP IN NEMA 3R- Wall Surface Mount Main: 1-800AT, 800AF, 3Phase, 230V, 50KAIC, MCCB Branches: 1-600AT, 600AF, 3P, 230V, 36KAIC, MCCB 1-70AT, 100AF, 3P, 230V, 10KAIC, MCCB	1.00	Assy	₱ _____	₱ _____
7.1.1.2	Panel: MDP in NEMA 1 - Wall Mounted Main: 1-800AT, 800AF, 3Phase, 230V, 100KAIC, MCCB	1.00	Assy	₱ _____	₱ _____

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
	Branches: 2-150AT, 225AF, 3P, 230V, 18KAIC, MCCB 1-175AT, 225AF, 3P, 230V, 18KAIC, MCCB 1-225AT, 225AF, 3P, 230V, 18KAIC, MCCB 1-125AT, 225AF, 3P, 230V, 18KAIC, MCCB 4-80AT, 100AF, 3P, 230V, 18KAIC, MCCB (SPARE)				
7.1.1.3	Panel: DPLG in NEMA 1 - Wall Mounted Main: 1-150AT, 225AF, 3Phase, 230V, 18KAIC, MCCB Branches: 1-30AT, 50AF, 3P, 230V, 18KAIC, MCCB 1-125AT, 225AF, 3P, 230V, 18KAIC, MCCB 2-50AT, 50AF, 3P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.4	Panel: DPGF in NEMA 1 - Wall Mounted Main: 1-150AT, 225AF, 3Phase, 230V, 18KAIC, MCCB Branches: 1-60AT, 50AF, 3P, 230V, 10KAIC, MCCB 1-125AT, 225AF, 3P, 230V, 18KAIC, MCCB 2-50AT, 50AF, 3P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.5	Panel: LPP2F in NEMA 1 - Wall Mounted Main: 1-80AT, 100AF, 3Phase, 230V, 10KAIC, MCCB Branches: 16-20AT, 50AF, 2P, 230V, 10KAIC, MCCB 1-30AT, 50AF, 2P, 230V, 50KAIC, MCCB 2-20AT, 100AF, 3P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.6	Panel: LPP-3F in NEMA 1 - Wall Mounted Main: 1-125AT, 225AF, 3Phase, 230V, 18KAIC, MCCB Branches: 3-50AT, 50AF, 2P, 230V, 10KAIC, MCCB 2-40AT, 50AF, 2P, 230V, 10KAIC, MCCB 11-20AT, 50AF, 2P, 230V, 10KAIC, MCCB 2-20AT, 50AF, 2P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.7	Panel: DP4F in NEMA 1 - Wall Mounted Main: 1-225AT, 225AF, 3Phase, 230V, 18KAIC, MCCB Branches: 1-50AT, 50AF, 3P, 230V, 10KAIC, MCCB 1-175AT, 225AF, 3P, 230V, 18KAIC, MCCB 2-50AT, 50AF, 3P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.8	Panel:LPP-4F in NEMA 1 - Wall Mounted Main: 1-50AT, 50AF, 3Phase, 230V, 10KAIC, MCCB Branches: 12-20AT, 50AF, 2P, 230V, 10KAIC, MCCB 2-50AT, 50AF, 2P, 230V, 18KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.9	Panel:PPAC-4F in NEMA 1 - Wall Mounted Main: 1-175AT, 225AF, 3Phase, 230V, 10KAIC, MCCB Branches: 3-40AT, 50AF, 2P, 230V, 50KAIC, MCCB 2-50AT, 50AF, 2P, 230V, 18KAIC, MCCB 7-30AT, 50AF, 2P, 230V, 50KAIC, MCCB 2-60AT, 100AF, 2P, 230V, 18KAIC, MCCB 4-30AT, 50AF, 2P, 230V, 50KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.10	Panel: DPRD in NEMA 1 - Wall Mounted Main: 1-175AT, 225AF, 3Phase, 230V, 18KAIC, MCCB Branches: 1-30AT, 50AF, 3P, 230V, 10KAIC, MCCB 1-150AT, 225AF, 3P, 230V, 18KAIC, MCCB 2-50AT, 50AF, 3P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.11	Panel:LPP-RD in NEMA 1 - Wall Mounted Main: 1-30AT, 50AF, 3Phase, 230V, 10KAIC, MCCB Branches: 3-20AT, 50AF, 2P, 230V, 10KAIC, MCCB 3-20AT, 100AF, 3P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.12	Panel:PPACRD in NEMA 1 - Wall Mounted Main: 1-150AT, 225AF, 3Phase, 230V, 10KAIC, MCCB Branches: 4-50AT, 50AF, 2P, 230V, 10KAIC, MCCB 4-40AT, 100AF, 3P, 230V, 10KAIC, MCCB 2-30AT, 100AF, 3P, 230V, 10KAIC, MCCB 2-20AT, 100AF, 3P, 230V, 10KAIC, MCCB 2-50AT, 50AF, 2P, 230V, 18KAIC, MCCB (SPARE) 1-20AT, 100AF, 3P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.13	Panel:LPP-LG in NEMA 1 - Wall Mounted Main: 1-30AT, 50AF, 3Phase, 230V, 10KAIC, MCCB Branches: 2-20AT, 50AF, 2P, 230V, 10KAIC, MCCB 4-20AT, 100AF, 3P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
7.1.1.14	Panel:PPM in NEMA 1 - Wall Mounted Main: 1-125AT, 225AF, 3Phase, 230V, 10KAIC, MCCB Branches: 4-20AT, 50AF, 2P, 230V, 50KAIC, MCCB 1-60AT, 50AF, 3P, 230V, 50KAIC, MCCB 1-60AT, 50AF, 3P, 230V, 50KAIC, MCCB(SPARE) 2-20AT, 100AF, 2P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.15	Panel:LPP-GF in NEMA 1 - Wall Mounted Main: 1-60AT, 100AF, 3Phase, 230V, 10KAIC, MCCB Branches: 18-20AT, 50AF, 2P, 230V, 10KAIC, MCCB 2-20AT, 100AF, 2P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.16	Panel:PPACGF in NEMA 1 - Wall Mounted Main: 1-125AT, 225AF, 3Phase, 230V, 10KAIC, MCCB Branches: 5-50AT, 50AF, 2P, 230V, 10KAIC, MCCB 1-20AT, 100AF, 2P, 230V, 10KAIC, MCCB 1-30AT, 100AF, 2P, 230V, 10KAIC, MCCB 3-20AT, 100AF, 2P, 230V, 10KAIC, MCCB (SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.17	Panel:PP-ELEV in NEMA 1 - Wall Mounted Main: 1-150AT, 225AF, 3Phase, 230V, 10KAIC, MCCB Branches: 1-125AT, 225AF, 3P, 230V, 10KAIC, MCCB 1-20AT, 100AF, 2P, 230V, 10KAIC, MCCB 1-20AT, 100AF, 2P, 230V, 10KAIC, MCCB(SPARE)	1.00	Assy	₱ _____	₱ _____
7.1.1.18	Enclosed Circuit Breaker				
	Lower Ground				
7.1.1.18.1	ECB, 600AT, 3P, 230V in NEMA 3R	1.00	Assy	₱ _____	₱ _____
7.1.1.18.2	ECB, 70AT, 3P, 230V in NEMA 3R	1.00	Assy	₱ _____	₱ _____
7.1.1.18.3	ECB, 60AT, 3P, 230V in NEMA 3R	2.00	Assy	₱ _____	₱ _____
7.1.1.18.4	ECB, 20AT, 3P, 230V in NEMA 3R	4.00	Assy	₱ _____	₱ _____
	Ground Floor				
7.1.1.18.5	ECB, 20AT, 3P, 230V in NEMA 3R	4.00	Assy	₱ _____	₱ _____
7.1.1.18.6	ECB, 30AT, 2P, 230V in NEMA 3R	1.00	Assy	₱ _____	₱ _____
7.1.1.18.7	ECB, 50AT, 2P, 230V in NEMA 3R	5.00	Assy	₱ _____	₱ _____
	Fourth Floor				
7.1.1.18.8	ECB, 60AT, 2P, 230V in NEMA 3R	2.00	Assy	₱ _____	₱ _____
7.1.1.18.9	ECB, 50AT, 2P, 230V in NEMA 3R	2.00	Assy	₱ _____	₱ _____
7.1.1.18.10	ECB, 40AT, 2P, 230V in NEMA 3R	3.00	Assy	₱ _____	₱ _____
7.1.1.18.11	ECB, 30AT, 2P, 230V in NEMA 3R	11.00	Assy	₱ _____	₱ _____
	Roof Deck				
7.1.1.18.12	ECB, 50AT, 2P, 230V in NEMA 3R	6.00	Assy	₱ _____	₱ _____
7.1.1.18.13	ECB, 40AT, 2P, 230V in NEMA 3R	4.00	Assy	₱ _____	₱ _____
7.1.1.18.14	ECB, 30AT, 2P, 230V in NEMA 3R	2.00	Assy	₱ _____	₱ _____
7.1.1.18.15	ECB, 20AT, 2P, 230V in NEMA 3R	3.00	Assy	₱ _____	₱ _____
Sub-total Amount, 7.1					₱ _____
7.2	SUPPLY AND INSTALLATION OF WIRES				
7.2.1	Wires				
7.2.1.1	200mm ² THHN/THWN-2 (Phase/Line)	209.00	lm	₱ _____	₱ _____
7.2.1.2	100mm ² THHN/THWN-2 (Phase/Line)	77.00	lm	₱ _____	₱ _____
7.2.1.3	60mm ² THHN/THWN-2 (Phase/Line)	369.00	lm	₱ _____	₱ _____
7.2.1.4	30mm ² THHN/THWN-2 (Phase/Line)	121.00	lm	₱ _____	₱ _____
7.2.1.5	22mm ² THHN/THWN-2 (Phase/Line)	90.00	lm	₱ _____	₱ _____
7.2.1.6	14mm ² THHN/THWN-2 (Phase/Line)	1,839.00	lm	₱ _____	₱ _____
7.2.1.7	8mm ² THHN/THWN-2 (Phase/Line)	31.00	lm	₱ _____	₱ _____
7.2.1.8	5.5mm ² THHN/THWN-2 (Phase/Line)	9	Box	₱ _____	₱ _____
7.2.1.9	3.5mm ² THHN/THWN-2 (Phase/Line)	47	Box	₱ _____	₱ _____
7.2.1.10	80mm ² THHN/THWN-2 (Phase/Line) FRC	130.00	lm	₱ _____	₱ _____
7.2.1.11	60mm ² THHN/THWN-2 (Phase/Line) FRC	73.00	lm	₱ _____	₱ _____
7.2.1.12	5.5mm ² THHN/THWN-2 (Phase/Line) FRC	46.00	lm	₱ _____	₱ _____
7.2.1.13	30mm ² THHN/THWN-3 (Grounding)	105.00	lm	₱ _____	₱ _____
7.2.1.14	14mm ² THHN/THWN-3 (Grounding)	274.00	lm	₱ _____	₱ _____
7.2.1.15	8mm ² THHN/THWN-3 (Grounding)	106.00	lm	₱ _____	₱ _____
7.2.1.16	5.5mm ² THHN/THWN-3 (Grounding)	11.10	Box	₱ _____	₱ _____
7.2.1.17	3.5mm ² THHN/THWN-3 (Grounding)	26.29	Box	₱ _____	₱ _____
7.2.1.18	14mm ² THHN/THWN-3 (FRC)	36.00	lm	₱ _____	₱ _____
7.2.1.19	5.5mm ² THHN/THWN-3 (FRC)	23.00	lm	₱ _____	₱ _____
Sub-total Amount, 7.2					₱ _____
7.3	SUPPLY AND INSTALLATION OF WIRING AND DEVICES				

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
7.3.1	Duplex Convenience Outlet Grounding Type	76.00	Sets	₱	₱
7.3.2	Duplex Convenience Outlet Grounding Type, GFCI Type	10.00	Sets	₱	₱
7.3.3	Duplex Convenience Outlet Weatherproof Type	7.00	Sets	₱	₱
7.3.4	Duplex Convenience Outlet Grounding Type, GFCI Weatherproof	54.00	Sets	₱	₱
7.3.5	One Gang, 1-way, 16A, 230V	34.00	Sets	₱	₱
7.3.6	Two Gang, 1-way, 16A, 230V	36.00	Sets	₱	₱
7.3.7	Three Gang, 1-way, 16A, 230V	4.00	Sets	₱	₱
7.3.8	Two Gang, 3-way, 16A, 230V	4.00	Sets	₱	₱
7.3.9	Boxes				
7.3.9.1	(L)108mm x (W)58mm x (H)45mm PVC Utility Box	344.00	Sets	₱	₱
7.3.9.2	(L)108mm x (W)58mm x (H)45mm Galvanized Utility Box	210.00	Sets	₱	₱
7.5.9.3	Junction Box (Pre Galvanized Steel, 4" x 4" x 2-1/8" and GA. 16)	429.00	Sets	₱	₱
7.3.9.4	Junction Box (PVC, 4" x 4" x 2-1/8" and GA. 16)	429.00	Sets	₱	₱
7.3.10	Raceways (3 lm per piece)				
7.3.10.1	90mmØ IMC	6	piece	₱	₱
7.3.10.2	65mmØ IMC	33	piece	₱	₱
7.3.10.3	40mmØ IMC	9	piece	₱	₱
7.3.10.4	32mmØ IMC	300	piece	₱	₱
7.3.10.5	20mmØ IMC	738	piece	₱	₱
7.3.10.6	90mmØ PVC	29	piece	₱	₱
7.3.10.7	80mmØ PVC	31	piece	₱	₱
7.3.10.8	65mmØ PVC	26	piece	₱	₱
7.3.10.9	50mmØ PVC	20	piece	₱	₱
7.3.10.10	40mmØ PVC	6	piece	₱	₱
7.3.10.11	32mmØ PVC	18	piece	₱	₱
7.3.10.12	25mmØ PVC	5	piece	₱	₱
7.3.10.13	20mmØ PVC	602	piece	₱	₱
7.3.10.14	20mmØ LIQUID TIGHT FLEXIBLE CONDUIT (LTFMC)	46	piece	₱	₱
7.3.10.15	20mmØ LTFMC Straight Connector	6	piece	₱	₱
7.3.10.16	32mmØ LIQUID TIGHT FLEXIBLE CONDUIT (LTFMC)	12	piece	₱	₱
7.3.10.17	32mmØ LTFMC Straight Connector	3	piece	₱	₱
7.3.10.18	Conduit Fittings and Support (PVC)	1	Lot	₱	₱
7.3.10.19	Conduit Fittings and Support (IMC)	1	Lot	₱	₱
7.3.11	Lighting Devices				
7.3.11.1	20W, Batten Fixture LED Light (L1)	27.00	sets	₱	₱
7.3.11.2	15W OUTDOOR LED LIGHT (L2)	4.00	sets	₱	₱
7.3.11.3	20W OUTDOOR WALL LAMP WARM WHITEW/IP65 RATING(L3)	13.00	sets	₱	₱
7.3.11.4	50W, 600MMX1200MM TROFFER LIGHT FIXTURE, COOL WHITE RECESSED TYPE W/ IP 20 RATING (L4)	53.00	sets	₱	₱
7.3.11.5	15W, 150MM LED DOWNLIGHT, COOL WHITE RECESSED TYPE W/ REFLECTOR (L5)	120.00	sets	₱	₱
7.3.11.6	25W, CERAMIC LIGHT BULB (L6)	1.00	sets	₱	₱
7.3.11.7	15W, SPOTLIGHT SINGLE HEAD (L7)	8.00	sets	₱	₱
7.3.11.8	50W, WALL TO WALL MOUNTED LED LINEAR LIGHT, COOL WHITRE, EMBEDDED ON 50MM GA 304 STAINLESS STEEL PIPE W/IP20 RATNG (L8)	31.00	sets	₱	₱
7.3.11.9	50W, 600MMX1200MM TROFFER LIGHT FITURE, COOL WHITE SUSPENDED TYPE W/ IP20 RATING(L9)	139.00	sets	₱	₱
7.3.11.10	8W, LED DOWNLIGHT, WARM WHITE SURFACE MOUNTED W/ REFLECTOR W IP20 RATING(L11)	21.00	sets	₱	₱
7.3.11.11	4W, LED Exit Light Glass Exit Word Single Face, 3 Hours Duration Nickel Cadmium Battery Pack; Ceiling Mounted	4.00	sets	₱	₱
7.3.11.12	Emergency Light w/ 2-3W LED light	29.00	sets	₱	₱
7.3.12	Miscellaneous				
7.3.12.1	Hangers and Supports (Steel Rods, Expansion Bolts, G/Strut-Channel, Conduit Clamps and other necessary items to support	1.00	Lot	₱	₱
7.3.12.2	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes and other necessary items to be consumed to assure correct installations of panel boards, ECB, conduit runs and wiring devices)	1.00	Lot	₱	₱
Sub-total Amount, 7.3					₱
8.0	AUXILIARY WORKS				
8.1	COMMUNICATIONS: TELEPHONE AND DATA				
8.1.1	Equipment				

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
8.1.1.1	42R Data Cabinet 800mmx1000mm, Free Standing, Perforated front door, Perforated 2 door split type back door, with 6 Duplex Universal 3 prong outlet	1.00	assy	₱ _____	₱ _____
8.1.1.2	Network Switch Layer 2	4.00	unit	₱ _____	₱ _____
8.1.2	Wires				
8.1.2.1	4Pairs CAT6 UTP Cable	4,305.00	lm	₱ _____	₱ _____
8.1.2.2	Wiring Connectors (Information Outlet, Faceplate 1 Port/2 Port, Patch Panel 24 Port Loaded, Patch Cord 1 meter/ 2 meter)	1.00	lot	₱ _____	₱ _____
8.1.3	Raceways				
8.1.3.1	25mm Ø Intermediate Metallic Conduit	51.00	lm	₱ _____	₱ _____
8.1.3.2	20mm Ø Intermediate Metallic Conduit	147.00	lm	₱ _____	₱ _____
8.1.3.3	15mm Dia Flexible Metallic Conduit	30.00	lm	₱ _____	₱ _____
8.1.3.4	15mm Dia Flexible Metallic Conduit Connector	8.00	pcs	₱ _____	₱ _____
8.1.3.5	Cable ladder (200mm x 50mm) include: bolts & nuts coupling Enamel Finished (1.2mm)	87.00	lm	₱ _____	₱ _____
8.1.3.6	Horizontal Elbow	2.00	pcs	₱ _____	₱ _____
8.1.3.7	Horizontal Tee	3.00	pcs	₱ _____	₱ _____
8.1.3.8	Vertical Elbow	1.00	pcs	₱ _____	₱ _____
8.1.3.9	Conduit Fittings	1.00	lot	₱ _____	₱ _____
8.1.4	Wiring Devices				
8.1.4.1	Combine Telephone and Data Outlet , Wall Mounted	1.00	Set/s	₱ _____	₱ _____
8.1.4.2	Combination Telephone and Data Outlet, Floor Mounted	11.00	Set/s	₱ _____	₱ _____
8.1.4.3	Data Outlet Wall Mounted	19.00	Set/s	₱ _____	₱ _____
8.1.4.4	Wireless Access Point	4.00	Set/s	₱ _____	₱ _____
8.1.5	Boxes				
8.1.5.1	Junction Box (Metallic)	4.00	pc/s	₱ _____	₱ _____
8.1.5.2	Utility Box (Metallic)	4.00	pc/s	₱ _____	₱ _____
8.1.5.3	Square Box (Metallic)	11.00	pc/s	₱ _____	₱ _____
8.1.5.4	Pull Box (300mm x 300mm x 150mm)	4.00	pc/s	₱ _____	₱ _____
8.1.6	Miscellaneous				
8.1.6.1	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installation	1.00	lot	₱ _____	₱ _____
Sub-total Amount, 8.1					₱ _____
8.2	ELECTRONICS, SAFETY, AND SECURITY: INTERCOM				
8.2.1	Equipment				
8.2.1.1	Intercom Master Station Switchboard	2.00	Set/s	₱ _____	₱ _____
8.2.1.2	Intercom Sub Station Handset	4.00	Set/s	₱ _____	₱ _____
8.2.2	Wires and Cables				
8.2.2.1	#18 Twisted or Non-twisted AWG wire	278.00	lm	₱ _____	₱ _____
8.2.2.2	Wiring Connectors - INT	1.00	lot	₱ _____	₱ _____
8.2.3	Raceways				
8.2.3.1	32mm Dia IMC -INT	159.00	lm	₱ _____	₱ _____
8.2.3.2	25mm Dia IMC - INT	60.00	lm	₱ _____	₱ _____
8.2.3.3	20mm Dia IMC - INT	54.00	lm	₱ _____	₱ _____
8.2.3.4	15mm Dia Flexible Metallic Conduit - INT	33.00	lm	₱ _____	₱ _____
8.2.3.5	15mm Dia Flexible Metallic Conduit Connector - INT	24.00	pcs	₱ _____	₱ _____
8.2.3.6	Fittings - INT	1.00	lot	₱ _____	₱ _____
8.2.4	Wiring Devices				
8.2.4.1	Door Station	1.00	Set/s	₱ _____	₱ _____
8.2.4.2	Call Station	1.00	Set/s	₱ _____	₱ _____
8.2.5	Boxes				
8.2.5.1	Pull Box (300mm x 300mm x 150mm) - INT	6.00	pc/s	₱ _____	₱ _____
8.2.5.2	Utility Box (Metallic) - INT	4.00	pc/s	₱ _____	₱ _____
8.2.5.3	Junction Box (Metallic) - INT	4.00	pc/s	₱ _____	₱ _____
8.2.6	Miscellaneous				
8.2.6.1	Hardwares and Consumables(Butane, Cutting Discs, Drill Bits, Electrical Tapes, Mica tubes, and other necessary items to be consumed to assure correct installations) - INT	1.00	lot	₱ _____	₱ _____
Sub-total Amount, 8.2					₱ _____
	SUMMARY				
1.0	GENERAL REQUIREMENTS				₱ _____

BILL OF QUANTITIES

PROJECT : Supply of Labor, Materials, and Equipment for the Proposed Retrofitting
and Renovation Works of the SEC CEBU Extension Office

OWNER : Securities and Exchange Commission

LOCATION : SEC Cebu Extension Office V. Rama Ave., Guadalupe, Cebu City

Item No.	Description of Works	Qty	Unit	Unit Cost	Estimated Direct Cost
2.0	STRUCTURAL/RETROFITTING WORKS				₱ _____
3.0	ARCHITECTURAL WORKS				₱ _____
3.0	FIRE PROTECTION WORKS				₱ _____
5.0	PLUMBING WORKS				₱ _____
6.0	MECHANICAL WORKS				₱ _____
7.0	ELECTRICAL WORKS				₱ _____
8.0	AUXILIARY WORKS				₱ _____
TOTAL DIRECT COST					₱ _____
	APPLIED TO TOTAL DIRECT COST LESS ITEMS 1.0.1 to 1.0.5		OCM	12%	₱ _____
	APPLIED TO TOTAL DIRECT COST LESS ITEMS 1.0.1 to 1.0.3		PROFIT	8%	₱ _____
	OCM PLUS PROFIT		MARK-UP	20%	₱ _____
	APPLIED TO TOTAL DIRECT COST PLUS MARK-UP		VAT	5%	₱ _____
TOTAL INDIRECT COST					₱ _____
TOTAL OVERALL COST					₱ _____