

# **PHILIPPINE BIDDING DOCUMENTS**

(As Harmonized with Development Partners)

# **Repair and Renovation of Various Buildings**

ABC = Php 3,825,000.00

Government of the Republic of the Philippines



**Sixth Edition**  
**July 2020**

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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***

### ***Invitation to Bid for Repair and Renovation of Various Buildings***

1. The *University of the Philippines Cebu* through the **GAA 2020 (PAP)** intends to apply the sum of **Three Million Eight Hundred Twenty Five Thousand Pesos (Php3,825,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Repair and Renovation of Various Buildings and I-2020- 002** Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The *University of the Philippines Cebu* now invites bids for the above Procurement Project. Completion of the Works is required **One Hundred Twenty Days (120 days)**. 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 **Bids and Awards Committee Office Rm 207, University of the Philippines Cebu, Administration Building, Gorordo Ave., Lahug Cebu City** and inspect the Bidding Documents at the address given below from **8:00AM – 5:00 PM**.
5. A complete set of Bidding Documents may be acquired by interested bidders on **December 4, 2020** from given address and website **Invitation to Bid: Repair and Renovation of Various Buildings** and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Five Thousand Pesos Only (Php 5,000.00)** .The Procuring Entity shall allow the bidder to present its proof of payment for the fees to the BAC Secretariat at the office address specified above or through facsimile through (032) 233-349 local 102 or through email to **bac\_sec.upcebu@up.edu.ph**
6. The *University of the Philippines Cebu* will hold a Pre-Bid Conference<sup>1</sup> on **December 11, 2020, 10:00 AM** at the **BAC Office Rm.207 Administration Building UP Cebu, Gorordo Ave., Lahug Cebu City** and through videoconferencing/webcasting via Zoom

**<https://up-edu.zoom.us/j/87158665656>**

Meeting ID: 871 5866 5656

Passcode: 60QfM3E7

which shall be open to prospective bidders.

7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below, on or before ***December 28, 2020, 10:00AM***. 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 28, 2020, 10:00AM*** at the given address below

**<https://up-edu.zoom.us/j/83016284173>**

Meeting ID: 830 1628 4173

Passcode: UqhkLAXX

Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. Bidders will be required to submit a soft file copy of their bids together with the physical copy submitted.
11. The ***University of the Philippines Cebu*** 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:

*Emma O. Gandionco*  
*Chair, BAC Secretariat*  
*BAC Office, Rm 207 Administration Building*  
*UP Cebu Gorordo Ave., Lahug Cebu City*  
*bac\_sec.upcebu@up.edu.ph*  
*(032) 233-3497 local 102*  
**<https://www.upcebu.edu.ph/>**

13. You may visit the following websites:

For downloading of Bidding Documents: ***Invitation to Bid: Repair and Renovation of Various Buildings***

*December 3, 2020*

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***Dr. Lorel S. Dee***  
BAC Chair

## ***Section II. Instructions to Bidders***

### **1. Scope of Bid**

The Procuring Entity, *University of the Philippines Cebu* invites Bids for the *Repair and Renovation of Various Buildings*, with Project Identification Number *I-2020-002*.

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 for *GAA 2020 (PAP)* in the amount of *Three Million Eight Hundred Twenty-Five Thousand Pesos Only (Php3,825,000.00)*.

2.2. The source of funding is:  
NGA, the General Appropriations Act or Special Appropriations.

### **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. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. 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

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than fifty percent (50%) of the Project.

Subcontracting is allowed. The portions of the project and the maximum percentage allowed to be sub contracted are indicated in the BDS, which shall not exceed fifty percent (50%) of the contracted works.

## 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 BAC Office Rm 207 2<sup>nd</sup> Flr. UP Cebu Administration Building, Gorordo Ave., Lahug Cebu City and/or through videoconferencing/webcasting through **Zoom** 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.
- 11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

## **12. 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 Pesos.

### **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 until **April 28, 2021**. 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 or through online submission 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 9 of the **IB**. The Bidders' representatives who are present

shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

- 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 16 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*

### **Bid Data Sheet**

ITB Clause																			
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: <b><i>General construction, renovations, retrofitting</i></b>																		
7.1	Subcontracting is allowed <b><i>but shall not exceed 50% of the total works in the contract</i></b>																		
10.3	<b><i>PCAB license must be at least Category C and D</i></b>																		
10.4	The key personnel must meet the required minimum years of experience set below: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Key Personnel</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>General Experience</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Relevant Experience</u></th> </tr> </thead> <tbody> <tr> <td><b><i>project engineer</i></b></td> <td style="text-align: center;"><b><i>at least 3 years</i></b></td> <td style="text-align: center;"><b><i>at least 3 years</i></b></td> </tr> <tr> <td><b><i>site foreman</i></b></td> <td></td> <td></td> </tr> <tr> <td><b><i>site engineer</i></b></td> <td></td> <td></td> </tr> <tr> <td><b><i>safety officer</i></b></td> <td></td> <td></td> </tr> <tr> <td><b><i>surveyor (drainage works)</i></b></td> <td></td> <td></td> </tr> </tbody> </table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	<b><i>project engineer</i></b>	<b><i>at least 3 years</i></b>	<b><i>at least 3 years</i></b>	<b><i>site foreman</i></b>			<b><i>site engineer</i></b>			<b><i>safety officer</i></b>			<b><i>surveyor (drainage works)</i></b>		
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10.5	The minimum major equipment requirements are the following: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Equipment</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Capacity</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Number of Units</u></th> </tr> </thead> <tbody> <tr> <td><b><i>chain block</i></b></td> <td style="text-align: center;"><b><i>at least 3 tons</i></b></td> <td style="text-align: center;"><b><i>1</i></b></td> </tr> <tr> <td><b><i>small backhoe (optional)</i></b></td> <td></td> <td style="text-align: center;"><b><i>1</i></b></td> </tr> </tbody> </table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	<b><i>chain block</i></b>	<b><i>at least 3 tons</i></b>	<b><i>1</i></b>	<b><i>small backhoe (optional)</i></b>		<b><i>1</i></b>									
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15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: <p style="margin-left: 40px;">a. The amount of not less than <b><i>Seventy Six Thousand Five Hundred Pesos (Php 76,500.00)</i></b>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p style="margin-left: 40px;">b. The amount of not less than <b><i>One Hundred Ninety One Thousand Two Hundred Fifty Pesos (Php 191,250.00)</i></b> if bid security is in Surety Bond.</p>																		
19.2	Partial Bid is not allowed. Bidder is required to bid on all items but award will be based on the lowest total bid.																		
20	<b><i>PCAB license must be at least category C and D</i></b>																		
21	Manpower schedule, Schedule of Works (Gantt Chart) shall be submitted with the bid. Program of Works and BOQ shall be submitted and approved before commencement of works.																		

## ***Section IV. General Conditions of Contract***

### **1. Scope of Contract**

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

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

### **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**

4.1. 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.

4.2. 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***

<b>GCC Clause</b>	
2	<b><i>Completion of the project shall not be later than One Hundred Twenty (120) days after receipt of NTP.</i></b>
4.1	<b><i>Possession of the sites will be turned over to the contractor upon issuance of NTP.</i></b>
6	Not applicable.
7.2	Five (5) years. warranty for defects
10	Dayworks are applicable at the rate shown in the Contractor's original Bid.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <b>15</b> days of receipt of the Notice to Proceed.
11.2	Not applicable.
13	The amount of the advance payment is <b>15% of contract price and succeeding payments shall be made per progress billing approved by PE.</b>
14	Materials and equipment delivered on the site but not completely put in place shall be included for payment. This shall be subject to the approval of the PE's representative on site.
15.1	As Built Drawings may be required for some of the works. To be submitted upon issuance of Certificate of Completion.
15.2	No further instructions.

## ***Section VI. Specifications***

Contractor will be required to have their own program of works after actual evaluation of site which will be submitted to the PE ten days (10) after receipt of NTP together with the BOQ for approval of the PE prior to commencement of works. Please see Annex 1 for reference.

## ***Section VII. Drawings***

Please refer to Annex 2 for reference drawings.

## ***Section VIII. Bill of Quantities***

The estimate bill of quantities shown in Annex 3 is for reference only.

The bidder shall submit their detailed BOQ for approval of the PE ten (10) days after receipt of Notice to Proceed

# ***Section IX. Checklist of Technical and Financial Documents***

## **I. TECHNICAL COMPONENT ENVELOPE**

### ***Class “A” Documents***

#### ***Legal Documents***

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);  
**or**
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;  
**and**
- (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;  
**and**
- (e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

#### ***Technical Documents***

- (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (g) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules;  
**and**
- (h) Philippine Contractors Accreditation Board (PCAB) License;  
**or**  
Special PCAB License in case of Joint Ventures;  
**and** registration for the type and cost of the contract to be bid; **and**
- (i) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;  
**or**  
Original copy of Notarized Bid Securing Declaration; **and**
- (j) Project Requirements, which shall include the following:
  - a. Organizational chart for the contract to be bid;
  - b. List of contractor’s key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
  - c. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**
- (k) Original duly signed Omnibus Sworn Statement (OSS);  
**and** if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of

Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- (l) The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- (m) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

**Class "B" Documents**

- (n) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence; **or** duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

**II. FINANCIAL COMPONENT ENVELOPE**

- (o) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

- (p) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- (q) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- (r) Cash Flow by Quarter.

## ANNEX 1: SCOPE OF WORKS

PR NO : 3910  
Project : Fabrication of Maintenance Worker Quarters in SRP (Stairway Landing, MRF Prefab, Fabrication of Ladder)  
Location : SRP Campus, UP Cebu  
Subject : Scope of Work

### I. WORKERS QUARTER

1. Enclosure of the space below the landing stairs with an area of 12 sq.m. each
2. Use 1 x3 0.4mm metal cladding with FCB as panel board
3. Provide 2.10m x 0.90m door with doorjamb and lever type door knob
4. Panel wall shall be painted with same color as the existing wall
5. Provide 1 bulb 10 watts LED with control switch

### II. ACCESS LADDER

1. Rehabilitation of existing access ladder to roof for safety purposes.
2. Use 1 1/2 x1/4 flat bar attached to existing ladder frame
3. Put additional anchor bolt to reinforce the existing ladder
4. Painting of the ladder with epoxy primer and epoxy paint for the final coat
5. Fabrication of platform leading to the ladder using 2x1/4 angle bar anchored to the wall with 3/8 dia anchor bolt with railings attached on it made of 1 1/2 pipes.
6. Provide opening at the 4th floor beside the elevator for access going to the ladder
7. Use hard panel door 2.10x8.80m with doorjamb and lever type door knob.

### III. PRE FAB MATERIALS RECOVERY FACILITY (MRF)

1. Construction of MRF using mixture of concrete prefab materials and steel matting
2. MRF shall have 3 compartments with an area of 6 sq.m. Each with a total floor area of 18 sq.m.
3. Each compartment shall have a door made of angle bar and thick steel matting 1x1m size
4. Use pre-painted rib eye roofing maroon color with steel fascia all around and with end flashing
5. Follow the design of the existing trusses and fascia of the existing building at the front side to have uniformity of structures.
6. Roof eaves shall be 1m.
7. Use 2 G.I. pipe for column attached to the concrete prefab column.
8. Provide T5 LED fluorescent lights 18 watts located at the center of the structure
9. The structure shall be painted with same color of the existing building in the campus.

PR NO : 3894  
Project : Repair of High School Laboratory including Covered Walk  
Location : UP Cebu, Lahug Cebu City  
Subject : Scope of Work

#### **I. REMOVAL AND DISPOSAL**

1. Remove all exterior ceiling and 1 room of interior ceiling at the High School Laboratory
2. Disposal of the waste materials to designated area assigned by the owner
3. Safekeeping of faculty tables and chairs and other furniture inside the office before installation work will start.

#### **II. PAINTING WORKS**

1. Repainting of all concrete structure in the building
2. Apply sealant/body filler on cracks and uneven surface before painting
3. Apply 1 coat of new primer and 2 coats of final coat
4. Color will be determined by the owner
5. All paints delivered on site shall be new and sealed

#### **III. CEILING WORKS**

1. Installation of 2x2 acoustic boards framed with baked white t-runners and properly anchored to roof truss or purlins.
2. Re-installation of the lights affected during installation works.

#### **IV. COVERED WALK (2 UNITS)**

1. Construction of covered walk 6mx1.5m and 6mx2.5m using steel pipes rib type roofing materials complete with accessories such as flashing ridge roll, and steel fascia board
2. Use the materials for the overed walk
  - Column and beam - 2" pipe sch 40
  - Trusses 0 use 1" pipe sch 40
  - Purlins - use 1 x 2 c-purlins 1.5mm thick
  - Concrete foundation - Column size is 20cm reinforced with 10mm def bars for vertical and ties.

PR NO : 3895  
Project : Ceiling Repair and Replacement and Repainting (High School Faculty)  
Location : UP Cebu, Lahug Cebu City  
Subject : Scope of Work

**I. REMOVAL AND DISPOSAL**

1. Remove existing ceiling at the faculty office
2. Remove all tiles at the faculty office
3. Disposal of the waste materials to designated area assigned by the owner
4. Safekeeping of faculty tables and chairs and other furniture inside the office before installation work will start.

**II. PAINTING WORKS**

1. Repainting of all concrete structure in the building
2. Apply sealant/body filler on cracks and uneven surface before painting
3. Apply 1 coat of new primer and 2 coats of final coat
4. Color will be determined by the owner
5. All paints delivered on site shall be new and sealed

**III. TILE WORKS (180 SQ.M.)**

1. Installation of new tiles 16" x 16" to the faculty office and lounge
2. Contractor to submit sample of tiles for owner's approval before purchasing the materials.

**IV. CEILING WORKS**

1. Installation of 2x2 acoustic boards framed with baked white t-runners and properly anchored to roof truss or purlins.
2. Re-installation of the lights affected during installation works.

PR NO : **3884**  
Project : **Repair of Roof Leak**  
Location : **TBI 3rd Floor UP Cebu, Lahug, Cebu City**  
Subject : **Scope of Work**

- Begin laying the tiles from the center of the floor where your two adjusted reference line cross. Start by
- 1 laying a tile at the intersection of the lines, then use the lines as a guide as you work your way outward toward the walls in each quadrant.
  - 2 Spread vinyl flooring adhesives with the trowel's notched edge, combing it out in beaded ridges according to the manufacturer's directions. Spaces between ridges of adhesive should almost be bare.
  - 3 If adhesive oozes up between the tiles, wipe it off immediately with a solvent - soaked sponge or rag.
  - 4 After you've installed several rows of tile, bond them firmly to the floor by applying pressure and rolling over them with a floor roller or rolling pin.
  - 5 After laying all the whole tiles that will fit, begin cutting and adhering tiles to fill around the perimeter of the hallway
  - 6 Cut tiles to fit against the wall  
For tiles that simply need to be cut to length, place the tile directly on top of the last full tile near the
  - 7 wall. Place another tile against the wall, overlapping the loose tile. Ark and cut the first loose tile using the overlapping tile as guide. The cut tile will then fit against the wall.
  - 8 For irregular shaped tiles, make card board templates first to prevent waste.
  - 9 Allow the floor to sit undisturbed for the recommended period of time before walking on it.

#### **SAFETY PROTOCOLS ON SITE**

- 1 Smoking is strictly prohibited at the work site
- 2 Contractors' personnel are to use only proper toilet facilities. Urinating on walls, plants, trees, grass and other areas is strictly prohibited. Violators' shall be permanently removed from the campus.
- 3 Contractors' personnel shall wear their company ID all the time during the course of the project.
- 4 Contractors' workers are prohibited to stay inside the work area after each day's work. They shall only stay on the temporary facilities allocated.
- 5 Contractors' personnel must stay within the working site and not wandering around the adjacent areas not covered under this scope of work.  
The contractor shall continuously, during the progress of the work, remove and dispose of dirt and debris and keep work area clean, neat and orderly and such as to prevent safety hazards. Debris shall be
- 6 collected and removed from the job site daily.
- 7 Domestic rubbish containers on the premises shall not be utilized by the contractor for storage or disposal of construction rubbish.

**PR NO: 3884**

**Project: Renovation of Lobby Window Glass and Staircase**

**Location: TBI 3rd Floor UP Cebu, Lahug, Cebu City**

**Subject: Scope of Work**

#### **INSTALLATION OF VINYL TILES AT THE STAIRS**

- Begin laying the tiles from the center of the floor where your two adjusted reference line cross. Start by laying a tile
- 1 at the intersection of the lines, then use the lines as a guide as you work your way outward toward the walls in each quadrant.
  - 2 Spread vinyl flooring adhesives with the trowel's notched edge, combing it out in beaded ridges according to the manufacturer's directions. Spaces between ridges of adhesive should almost be bare.
  - 3 If adhesive oozes up between the tiles, wipe it off immediately with a solvent - soaked sponge or rag.
  - 4 After you've installed several rows of tile, bond them firmly to the floor by applying pressure and rolling over them with a floor roller or rolling pin.
  - 5 After laying all the whole tiles that will fit, begin cutting and adhering tiles to fill around the perimeter of the hallway
  - 6 Cut tiles to fit against the wall  
For tiles that simply need to be cut to length, place the tile directly on top of the last full tile near the wall. Place another tile against the wall, overlapping the loose tile. Ark and cut the first loose tile using the overlapping tile as guide. The cut tile will then fit against the wall.
  - 7 For irregular shaped tiles, make card board templates first to prevent waste.
  - 8 Allow the floor to sit undisturbed for the recommended period of time before walking on it.

#### **PAINTING WORK (Stair Railings and Aluminum Frames)**

Sand he pried surface with a new 220-grit sanding sponge, Wipe the handrail with tack cloth, Paint the handrail with interior enamel paint with a clean 2-inch trim paintbrush. Allow the paint to dry to the touch, and then apply a second coat.

#### **FIXING GLASS WINDOW FRAMES**

- 1 Remove old putty from frame
- 2 Fixing/welding window panel locks/hinges in a level position
- 3 Apply enamel paint on glass panels

#### **SAFETY PROTOCOLS ON SITE**

- 1 Smoking is strictly prohibited at the work site
- 2 Contractors' personnel are to use only proper toilet facilities. Urinating on walls, plants, trees, grass and other areas is strictly prohibited. Violators' shall be permanently removed from the campus.
- 3 Contractors' personnel shall wear their company ID all the time during the course of the project.
- 4 Contractors' workers are prohibited to stay inside the work area after each day's work. They shall only stay on the temporary facilities allocated.
- 5 Contractors' personnel must stay within the working site and not wandering around the adjacent areas not covered under this scope of work.  
The contractor shall continuously, during the progress of the work, remove and dispose of dirt and debris and keep work area clean, near and orderly and in such as to prevent safety hazards. Debris shall be collected and removed from the job site daily.
- 7 Domestic rubbish containers on the premises shall not be utilized by the contractor for storage or disposal of construction rubbish.



Project Name	<b>Fabrication of UP Cebu Stock Room</b>	
Location	adjacent to old Dormitory and Greenovate Dorm	
PR 3926		
<b>SCOPE OF WORKS</b>		
ITEM	DESCRIPTION	ITEM INCLUDED AND SCOPE OF WORKS
<b>1.00</b>	<b>PRELIMINARIES</b>	
1.01	Mobilization/ Demobilization	Includes all costs for demobilization, dismantling of all temporary facilities and removal of all construction equipment, tools, personnel and debris out of the project site and/or University premises. Includes general cleaning of building and site; spic and span, ready for turnover and for use.includes
1.02	Workers Permits	n/a
<b>SUB TOTAL - Preliminaries</b>		-
<b>2.00</b>	<b>Pre-Fab Materials</b>	
	Back-to-back design panel (BBD) 40mm x 500mm x 2000mm wall panel	supply and installation of regular concrete material pre-fabricated used as wall panel; this item includes the installation of the said material and other accessories needed to complete the installation
	Inter-column with three grooves (ICT) 130mm x 160mm x 4000mm inter column	supply and installation of rectangular prism used as column; pre-fabricated; this item includes the installation of the said material and other accessories needed to complete the installation
	Corner-column with three grooves (CCT) 160mm x 160mm x 4000mm corner column	supply and installation of rectangular prism used as column; pre-fabricated; this item includes the installation of the said material and other accessories needed to complete the installation
	Tie-Beam (TB) 100mm x 130mm x 2000mm concrete beam used as capping	supply and installation of concrete beam used as capping at the edge panels; pre-fabricated; this item includes the installation of the said material and other accessories needed to complete the installation
	Plinth 450mm x 280mm x 400mm concrete footing used as base for temporary fences and houses	supply and installation of concrete footing used as base for the structure,serve as foundation; pre-fabricated; this item includes the installation of the said material and other accessories needed to complete the installation
<b>3.00</b>	<b>Fabrication and installation of built-up trusses</b>	
	2"x2"x1/4" single angle half trusses	Including fabrication and installation of trusses and all accessories needed to install and fabricate the built up trusses made of angle bars; application of rust protection and painting of the angle bar is included
	2"x2"x1/4" single angle front facia trusses	Including fabrication and installation of trusses and all accessories needed to install and fabricate the built up trusses made of angle bars; application of rust protection and painting of the angle bar is included
	2"x2"x1/4" single angle rear facia trusses	Including fabrication and installation of trusses and all accessories needed to install and fabricate the built up trusses made of angle bars; application of rust protection and painting of the angle bar is included
	2"x3"x1.5mm C-purlins	Includes all purlins, sag rods, clips, cross bracings; shear studs, plates and webs, non-shrink grout; welding rods, welding electrodes, nails, screws, expansion anchors, connectors; including painting. Includes all field quality
	supply and installation of pre painted G.I. Roofing long span	Includes pre-finished, pre-formed roofing sheets, fascia and water-stopper, ridge rolls, flashing, counter-flashing, drip caps, sealants and other accessories, complete with fasteners and fixation materials; insulation and thermal protection is included
	frabrication of 1x1 steel matting in 1/2"x1/2"x1/4" angle bar painted in black	Including fabrication and installation of 1"x1" steel matting and all accessories needed to install and fabricate in angle bar framing; application of rust protection and painting of the steel matting and angle bar is included
	fabrication of double swing door using 2" dia B.I. pipe, 1x1 steel matting in 1/2"x1/2"x1/4" angle bar	Including fabrication and installation of the double swing door using mixed metal materials such as 1"x1" steel matting and all accessories needed to install and fabricate in angle bar framing, 1/4" thick. steel plate; 50mm dia b.i. pipe and the application of

	frame painted in black with complete door accessories	rust protection and painting of the steel matting, angle bar, steel plate and b.i. pipes is included
<b>4.00</b>	<b>Civil Works</b>	
	Excavation of 600mm depth foundation including the lean concrete with 12mm rebar spaced at 300mm O.C. B.W.	Includes manual and mechanical excavation works for foundations.
	100mm thk. concrete slab 10mm rebar spaced at 400mm O.C. B.W.	Includes steel reinforcement, spacers, concrete mix, admixtures, and equipment for placing concrete and curing compound.

Project Name	<b>Renovation of two small storage room with new storage racks</b>		
Location	near ITC office ( AS Building)		
PR 3943			
<b>SCOPE OF WORKS</b>			
ITEM	DESCRIPTION		ITEM INCLUDED AND SCOPE OF WORKS
<b>1.00</b>	<b>PRELIMINARIES</b>		
	Mobilization/ Demobilization		Includes all costs for demobilization, dismantling of all temporary facilities and removal of all construction equipment, tools, personnel and debris out of the project site and/or University premises. Includes general cleaning of building and site; spic and span, ready for turnover and for use. includes
	Workers Permits		N/A
<b>2.00</b>	<b>Interior Fit Out (Renovation)</b>		
	Surface Preparation		<ul style="list-style-type: none"> <li>o Wash the walls if accumulated dirt is a problem. Any household detergent will work. Use TSP (Tri Sodium Phosphate) for grease or a heavy build-up of cigarette smoke. If you use powdered TSP, be sure to rinse it off with water. Use chlorine-based bleach on mildew.</li> <li>o Using a scraper or a spackle blade, remove all loose paint and sand down the rough ridges where the paint has broken off. Dig out any cracks a fraction of an inch on both sides so as to form a 'V' shape. This increases contact area for your patching material to adhere to.</li> <li>o Apply spackle to cracks, holes and heavy paint ridges. Two thin patch coats are always better than one thick coat. Spackle that's too thick tends to shrink and crack as it dries. In deep holes and cracks, I like to use "Fix-All" for the first patch coat. "Fix-All" is difficult to sand so keep it in the crack or hole, slightly recessed below the surface of the wall, then follow it up with a thin coat of spackle.</li> <li>o If the existing wall has something other than a smooth texture, your patch should match that texture as closely as possible. You can create a stippled effect by dabbing the surface with a sponge or stiff bristle brush while the patching material is still tacky. You can also roll a coat of stipple paint or thinned out joint compound on top of a dry patch.</li> <li>o Use latex caulk to seal joints around door jambs, window casings and baseboards. Wide and deep cracks may require more than one application. Use a damp rag to wipe off any excess caulk.</li> <li>o Sand all glossy surfaces or treat them with liquid sandpaper. This provides a roughened surface or "tooth" for good adhesion of a subsequent coat.</li> </ul>
	Sand Paper		
	Wall Putty ready to use		
	1 coat Primer application using flat latex primer		
	2 coats for latex paint semi-gloss top coat (off white color)		
	Installation of adjustable bracket on the wall for shelves		includes supply and installation of the slotted angles, bolt and nut suitable for the angles, corner plates and footer for the wall bracket design, and all its accessories needed to finish the work satisfactorily by the end user, fixing it on the wall by any acceptable means approved by UP Cebu OCA; wall paint retouch after the bracket was installed is part the scope
	slotted angle bar 1.5"x1.5"x6ft for horizontal bracket spaced @ 0.60m		
	slotted angle bar 1.5"x1.5"x6ft for vertical bracket spaced @ 1.20m		

	slotted angle bar bolt and nut		
	slotted angle bar steel corner plate		
	1.5"x1.5" footer		
	Shelf using 3/4" Ordinary Plywood 1.2x2.4		
	Fixing of lighting inside the room and replacement of switch plate; includes checking of wiring connection and fixing it		includes checking and fixing the wires and replacing the wires and fixtures if necessary in order for the lights to work again.
	Fixing of windows as per existing window design		includes checking and fixing the existing windows and restoring them in its original functions; this includes cleaning the rust, application of rust preventive chemicals, replacement or restoring of the windows mechanism, lockset or brackets
	Supply and application of epoxy paint flooring		supply and application of epoxy paint in the flooring; includes the necessary surface preparation prior for epoxy application

Project Name	<b>Rehabilitation and Repair of existing manholes for underground conduit</b>		
Location	Various area at UP Cebu Campus		
PR 3942			
<b>SCOPE OF WORKS</b>			
ITEM	DESCRIPTION		ITEM INCLUDED AND SCOPE OF WORKS
<b>1.00</b>	<b>PRELIMINARIES</b>		
	Mobilization/ Demobilization		Includes all costs for demobilization, dismantling of all temporary facilities and removal of all construction equipment, tools, personnel and debris out of the project site and/or University premises. Includes general cleaning of building and site; spic and span, ready for turnover and for use.includes
	Workers Permits		n/a
<b>2.00</b>	<b>CIVIL WORKS</b>		
	4" chb one layer piling to selected low manhole		includes proper and complete REHABILITATION and FIXING or RECONSTRUCTING (some identified manholes) of the EXISTING MANHOLES for underground conduit to match the existing good condition MANHOLES; the extent of work per Manhole is variable depending on the severity of the damage and other factors.
	40kg porland cement for mortar		
	fine sand		
	additional rebar reinforcement to added layer using 12mm rebar drilled on the existing manhole with epoxy		
	all purpose concrete epoxy 1 gals		
	Plastering of added layer both sides 25mm thick		
	40kg portland cement		
	fine sand		
	rehabiltation or replacement of manhole covers		
	spraying of Multi-purpose Polyurethane Foam (500cc) into the conduit holes on the manholes for sealing and preventing water from entering the conduit		
	clearing and cleaning of the manholes		Prior to work this includes cleaning of the manholes and remove any foreign debris that can be seen inside; However, it is the responsility of the contractor if the cleaning may cause damage and interence of operation; best consult UP Cebu ITC personnel prior to every move that needs attention
	Water and Electricity consumption for the whole duration of work to be paid to UP Cebu		includes the consumption of water and electricity of the contractor during the duration of the contract. It will be payable to UP Cebu

**SCOPE OF WORKS**

**PR 3914**

**PROJECT** : INSTALLATION AND FABRICATION OF WINDOW GRILLS AND SCREEN OF NEW DORM  
**OWNER** : UNIVERSITY OF THE PHILIPPINES CEBU / ATTY. LIZA D. CORRO, Chancellor  
**LOCATION** : GORORDO AVE., LAHUG, CEBU CITY  
**SUBJECT** : COST ESTIMATE  
**DURATION** : 60 CALENDAR DAYS  
**PROJECT COST** : PhP 550,000.00

	SCOPE OF WORKS	UNIT	QTY	AMOUNT
<b>A.</b>	<b>GENERAL REQUIREMENTS</b>			
	Temporary facilities			
	Material Storage	1	lot	10,000.00
	Water and Electricity consumptions	1	lot	20,000.00
	Construction guarantee bond	1	lot	82,450.00
	Housekeeping	1	lot	4,000.00
	<i>Note: Construction bond is required to due installation works are attached to newly done dormitory building and requires restoration.</i>			
<b>SUB TOTAL</b>				<b>116,450.00</b>
<b>B.</b>	<b>FABRICATION OF WINDOW GRILL (50 SQ.M)</b>			
	Fabrication and Installation of Window Grill,	1	lot	120,000.00
	Metal primer painted finish.			
	Installation covers only on the ground floor level.			
<b>SUB TOTAL</b>				<b>120,000.00</b>
<b>C.</b>	<b>FABRICATION AND INSTALLATION OF WINDOW SCREEN (170 SQ.M)</b>			
	Fabrication and Installation of Window Screen	1	lot	165,000.00
	Installation covers on all floor levels and includes 1 door ground floor @ dorm extension to be installed with door screen.			
<b>SUB TOTAL</b>				<b>165,000.00</b>
TOTAL COST				401,450.00
PROFIT (15%)				60,217.50
TAX (12%)				48,174.00
CONTINGENCIES (10%)				40,145.00
<b>PROJECT COST (PhP)</b>				<b>549,986.50</b>

**SCOPE OF WORKS**

**PR 3918**  
**PROJECT** : **INSTALLATION OF RAMP WITH RAILINGS, IMMEDIATE REPAIR & MAINTENANCE OF BMC1 AND REPAIR OF THE COVERED WALK DEFACED BUILDING WITH ADDITIONAL WORKS TO COMPLETE THE PWD RAMP**  
**OWNER** : **UNIVERSITY OF THE PHILIPPINES CEBU / ATTY. LIZA D. CORRO, Chancellor**  
**LOCATION** : **GORORDO AVE., LAHUG, CEBU CITY**  
**SUBJECT** : **COST ESTIMATE**  
**DURATION** : **70 CALENDAR DAYS**  
**PROJECT COST** : **Php 205,000.00**

	SCOPE OF WORKS	UNIT	QTY	AMOUNT
<b>A</b>	<b>GENERAL REQUIREMENTS</b>			
	Temporary facilities			
	Material Storage	1	lot	20,000.00
	Water and Electricity consumptions	1	lot	10,000.00
	Housekeeping	1	lot	2,000.00
	<b>SUB TOTAL</b>			<b>32,000.00</b>
<b>B</b>	<b>INSTALLATION OF RAMP RAILINGS</b>			
	Stainless steel railing	1	lot	70,000.00
	<b>SUB TOTAL</b>			<b>70,000.00</b>
<b>C</b>	<b>COVERED-WALK CANOPY REPAIR (roof and metal trusses)</b>			
	Canopy (18sq.m)	1	lot	24,000.00
	Metal brace framing and trusses, stainless cable and clamps.	1	lot	20,000.00
	Lighting installed under canopy	1	lot	2,000.00
	Painting on metal brace framing	1	lot	1,500.00
	<b>SUB TOTAL</b>			<b>47,500.00</b>
	TOTAL COST			149,500.00
	PROFIT (15%)			22,425.00
	TAX (12%)			17,940.00
	CONTINGENCIES (10%)			14,950.00
	<b>PROJECT COST (PhP)</b>			<b>204,815.00</b>







**ARCHITECTURAL GENERAL NOTE:**

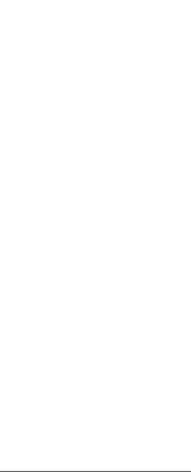
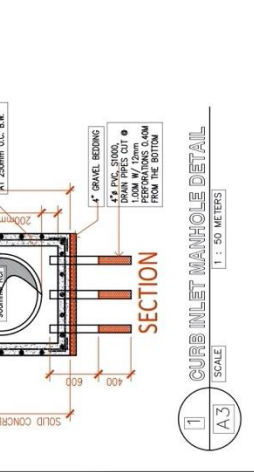
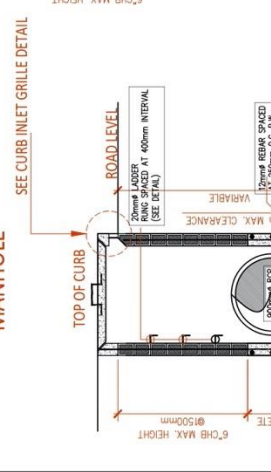
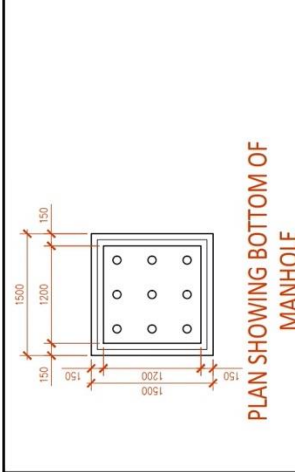
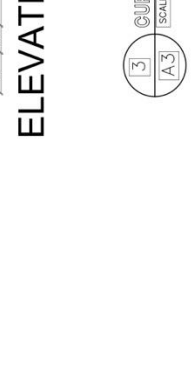
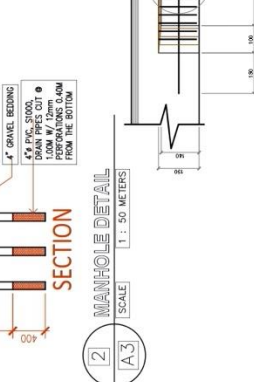
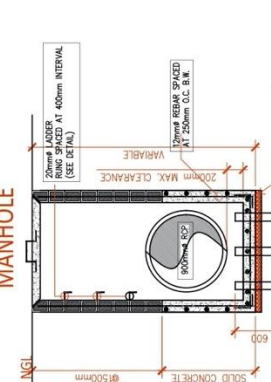
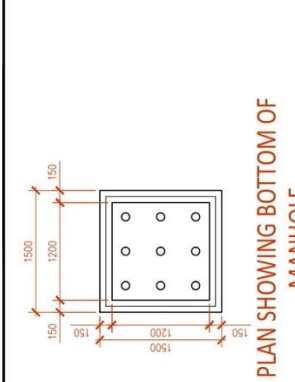
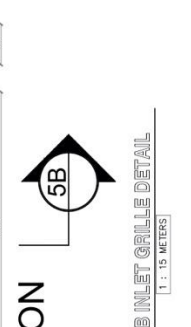
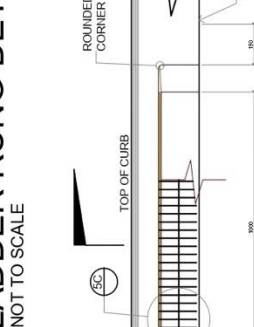
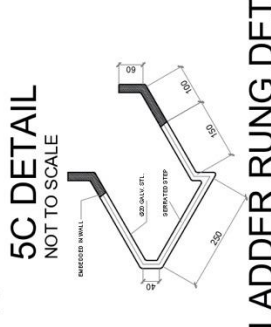
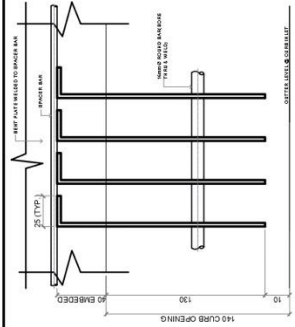
1. ALL DIMENSIONS SHALL HAVE PREFERRED OVER SCALE UNLESS INDICATED OTHERWISE.
2. THE OWNER AND THE ARCHITECT SHALL NOTIFY THE LOCAL GOVERNMENT AND THE LOCAL ENGINEER OF ANY CONNECTION.
3. THE OWNER AND THE ARCHITECT SHALL NOTIFY THE LOCAL GOVERNMENT AND THE LOCAL ENGINEER OF ANY CONNECTION.
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10. THE ARCHITECT SHALL NOTIFY THE LOCAL GOVERNMENT AND THE LOCAL ENGINEER OF ANY CONNECTION.

**OFFICE OF THE BUILDING OFFICIAL**  
**DEPARTMENT OF PUBLIC WORKS & HIGHWAYS**  
**CORONADO CITY**

**RECOMMENDING APPROVAL:**

**HEAD, ARCHITECTURAL SECTION** \_\_\_\_\_ **DATE** \_\_\_\_\_

**BUILDING OFFICIAL** \_\_\_\_\_ **DATE** \_\_\_\_\_



DESIGN BY:	SHEET NO.:
CAD BY:	03
CHECKED BY:	03
	A

**OWNER'S APPROVAL:**

ATTY. LIZA D. CORRO  
 UP, CEBU, CHANCELLOR

**PROJECT TITLE:**

UNIVERSITY OF THE PHILIPPINES CEBU  
 CAMPUS DRAINAGE (EXIT GATE DRAINAGE AND DRAINAGE LIBRARY)

LAHUG CEBU, CITY

**ARCHITECT OF RECORD:**

RYAN ANTHONY G. GENORALON  
 ARCHITECT

PRC No. 27419  
 VALDITTO (02.08.2023)  
 DATE: 07.03.2023

PLACE: CEBU, CITY TEL: 401-198-119-5000

**RA 9266**

Practice and regulation of architecture, civil engineering or mechanical engineering of works, and the furnishing of projects and services in connection therewith, shall be controlled by the professional engineer, architect, or other duly licensed professional person, as the case may be, who shall be responsible for the safety, health, and welfare of the public in the exercise of his or her profession or occupation.

**UNIVERSITY OF THE PHILIPPINES CEBU**

**O C A**

OFFICE OF THE CAMPUS ARCHITECT



FABRICATION OF UP CEBU DORMITORY STOCK ROOM

**ARCHITECTURAL GENERAL NOTES:**

1. ALL DIMENSIONS SHALL HAVE REFERENCE OVERSCALE BEFORE PROCEEDING WITH THE WORK.
2. THE OWNER AND THE ARCHITECT SHALL BE NOTIFIED OF ANY CORRECTIONS.
3. THE ARCHITECT SHALL BE NOTIFIED OF ANY CORRECTIONS.
4. THE ARCHITECT SHALL BE NOTIFIED OF ANY CORRECTIONS.
5. THE ARCHITECT SHALL BE NOTIFIED OF ANY CORRECTIONS.
6. THE ARCHITECT SHALL BE NOTIFIED OF ANY CORRECTIONS.

**2 KEY PLAN**  
SCALE 1:2500 METERS

0 0.5 1 2 4

**OFFICE OF THE BUILDING OFFICIAL**  
DEPARTMENT OF PUBLIC WORKS & HIGHWAYS  
CEBU CITY

RECOMMENDING APPROVAL: \_\_\_\_\_ DATE \_\_\_\_\_

HEAD ARCHITECTURAL SECTION: \_\_\_\_\_ DATE \_\_\_\_\_

BUILDINGS OFFICIAL: \_\_\_\_\_ DATE \_\_\_\_\_

**1 STOCK ROOM PERSPECTIVE**  
NOT TO SCALE

0 0.5 1 2 4

<b>ARCHITECT OF RECORD</b>	RA 2096 RYAN ANTHONY G. GONZALON ARCHITECT PRG. No. 2749 P.P.F. No. 18488-09 PLACE: CEBU CITY	<b>PROJECT TITLE:</b>	UNIVERSITY OF THE PHILIPPINES CEBU FABRICATION OF UP CEBU DORMITORY STOCK ROOM LAHUG CEBU CITY	<b>OWNERS APPROVAL</b>	AS SHOWN ATTY. LIZA D. CORRO UP CEBU CHANCELLOR	<b>SHEET CONTENTS</b>	<b>DESIGN BY:</b>	<b>SHEET NO.</b>
<b>O C A</b>	<b>OFFICE OF THE CAMPUS ARCHITECT</b>					A1	A	01 02

**OFFICE OF THE BUILDING OFFICIAL**  
DEPARTMENT OF PUBLIC WORKS & HIGHWAYS  
CEBU CITY

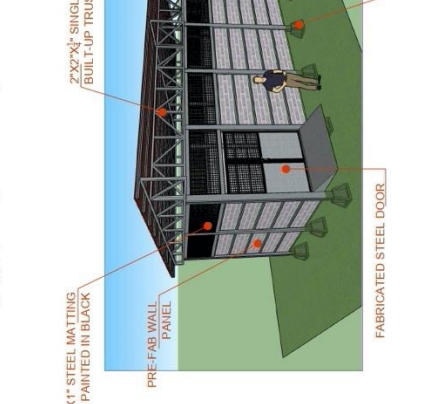
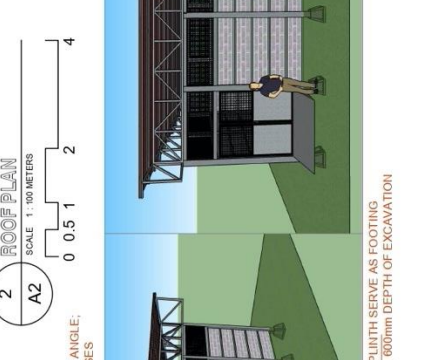
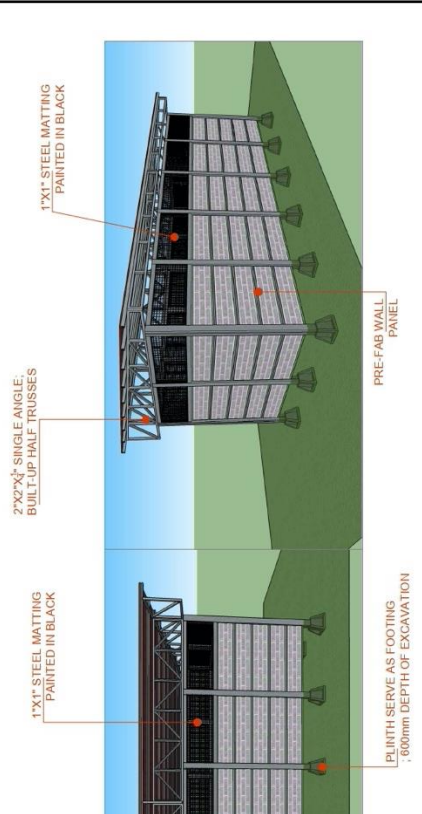
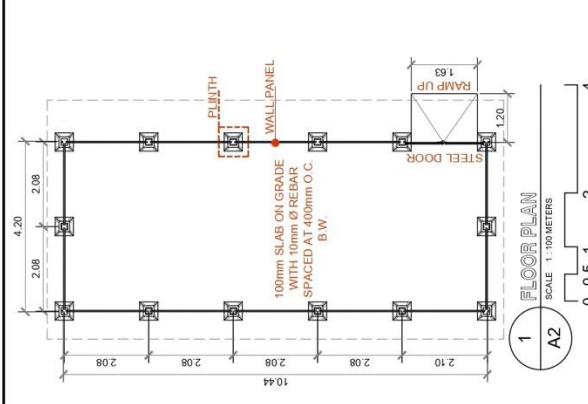
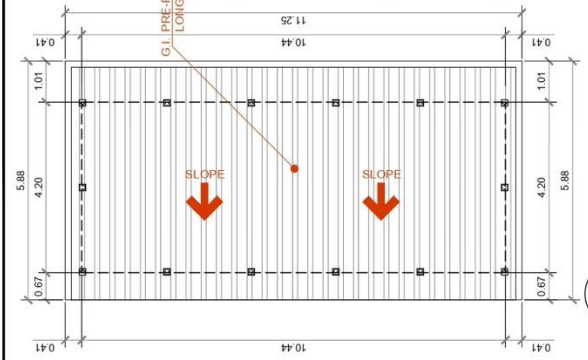
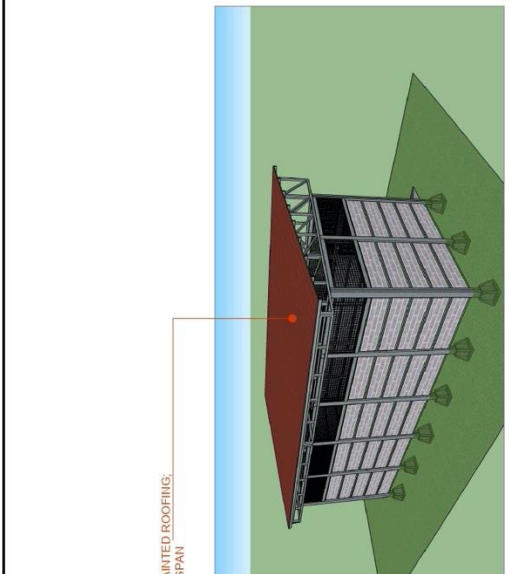
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HEAD, ARCHITECTURAL SECTION: \_\_\_\_\_ DATE: \_\_\_\_\_

BUILDING OFFICIAL: \_\_\_\_\_ DATE: \_\_\_\_\_

**ARCHITECTURAL GENERAL NOTES:**

1. ALL DIMENSIONS SHALL HAVE THEIR RESPECTIVE OVERSCALE.
2. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD.
3. THE CONE AND THE ARCHITECT SHALL BE NOTIFIED OF ANY CORRECTIONS.
4. WHEN DISCREPANCIES OUP BETWEEN DRAWINGS OR SPECIFICATIONS, THE ARCHITECT SHALL BE THE GENERAL AND BE ASSUMED TO CORRECT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
5. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE CHARACTER OF THE WORK AND THE QUALITY OF THE MATERIALS USED. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE CHARACTER OF THE WORK AND THE QUALITY OF THE MATERIALS USED.
6. ALL WORK SHALL CONFORM TO ALL APPLICABLE AND PRACTICE OF EACH TRADE.



DESIGN BY: \_\_\_\_\_ SHEET NO: **02**

CAD BY: \_\_\_\_\_ **A**

CHECKED BY: \_\_\_\_\_ **02**

SHEET CONTENTS: AS SHOWN

OWNERS APPROVAL: ATTY. LIZA D. CORRO UP/CEBU CHANCELLOR

PROJECT TITLE: UNIVERSITY OF THE PHILIPPINES CEBU FABRICATION OF UP CEBU DORMITORY STOCK ROOM LAHUG CEBU CITY

ARCHITECT OF RECORD: RA 9366 UNIVERSITY OF THE PHILIPPINES CEBU OFFICE OF THE CAMPUS ARCHITECT

ARCHITECT: RYAN ANTHONY C. GENCORACION  
PRC No.: 27132 ARCHITECT  
VAL.DDT: 03-08-2023  
DATE: 01-03-2020  
PLN: 40138-13-200  
PLACE: CEBU CITY



### ANNEX 3: BILL OF QUANTITIES

**PR NO** : 3910  
**Project** : Fabrication of Maintenance Worker Quarters in SRP (Stairway Landing, MRF Prefab, Fabrication of Ladder)  
**Location** : SRP Campus, UP Cebu  
**Subject** : Program of Work and Cost Estimate

Qty	Unit	Description	Unit Cost	Total Cost
<b>I. WORKERS QUARTER</b>				
3	units	Enclosure of space below the landing stairway (3 units)	22,000.00	66,000.00
<b>II. ACCESS LADDER</b>				
1	lot	Rehabilitation of access ladder to roof	100,000.00	100,000.00
<b>III. PRE FAB MATERIALS RECOVERY FACILITY (MRF)</b>				
18	sq. m.	Construction of MRF using mixture of concrete prefab materials and steel	3,000.00	34,000.00
<b>Total Project Cost</b>				<b>400,000.00</b>

PR NO : 3894  
 Project : Repair of High School Laboratory including Covered Walk  
 Location : UP Cebu, Lahug Cebu City  
 Subject : Program of Work and Cost Estimate

Qty	Unit	Description	Unit Cost	Total Cost
<b>I. REMOVAL AND DISPOSAL</b>				
1	lot	Removal of existing wooden ceiling board and frame at interior and exterior of the building	12,000.00	12,000.00
<b>II. PAINTING WORKS</b>				
3	pail	Flat Latex Paint	2,450.00	7,350.00
6	pail	Semi Gloss Latex Paint	2,700.00	16,200.00
10	pcs	Sandpaper #100	25.00	250.00
10	pcs	Sandpaper #180	25.00	250.00
5	pcs	Paint Brush #2	50.00	250.00
5	pcs	Paint Brush #4	81.00	405.00
1	gals	Epoxy primer	850.00	850.00
1	gals	Epoxy paint, black	900.00	900.00
<b>III. CEILING WORKS</b>				
50	sq.m.	Acoustic Ceiling 2x2 w/ T-runners framing	450.00	22,500.00
85	sq.m.	Spandrel type ceiling	500.00	42,500.00
<b>IV. COVERED WALK (2 UNITS)</b>				
1	lot	Construction of new covered walk using steel pipes and rib type roofing including accessories	53,000.00	53,000.00
			<b>Material Cost</b>	<b>156,455.00</b>
			<b>Labor Cost</b>	<b>66,759.25</b>
			<b>Profit and Contingencies</b>	<b>44,642.85</b>
			<b>Tax</b>	<b>32,142.90</b>
			<b>Total Project Cost</b>	<b>300,000.00</b>

PR NO : 3895  
 Project : Ceiling Repair and Replacement and Repainting (High School Faculty)  
 Location : UP Cebu, Lahug Cebu City  
 Subject : Program of Work and Cost Estimate

Qty	Unit	Description	Unit Cost	Total Cost
<b>I. REMOVAL AND DISPOSAL</b>				
1	lot	Removal of existing FCM board and framing and Removal of existing tiles	20,000.00	20,000.00
<b>II. PAINTING WORKS</b>				
6	pail	Flat Latex Paint	2,450.00	14,700.00
8	pail	Semi Gloss Latex Paint	2,700.00	21,600.00
20	pcs	Sandpaper #100	25.00	500.00
21	pcs	Sandpaper #180	25.00	525.00
8	pcs	Paint Brush #2	50.00	400.00
8	pcs	Paint Brush #4	80.00	640.00
2	gals	Epoxy primer	850.00	1,700.00
2	gals	Epoxy paint, black	900.00	1,800.00
<b>III. TILE WORKS (180 SQ.M.)</b>				
600	pcs	16"x16" Ceramic Tiles	80.00	48,000.00
62	bags	Portland Cement	260.00	16,120.00
40	bags	Tile Adhesives, Heavy Duty	450.00	18,000.00
6	bags	Tile Grout, 5kg	106.00	636.00
<b>IV. CEILING WORKS</b>				
180	sq.m	Acoustic Ceiling 2x2 w/ t-runners framing	450.00	81,000.00
100	sq.m	Spandrel type ceiling	500.00	50,000.00
			<b>Material Cost</b>	<b>275,621.00</b>
			<b>Labor Cost</b>	<b>136,467.35</b>
			<b>Profit and Contingencies</b>	<b>123,626.51</b>
			<b>Tax</b>	<b>64,285.14</b>
			<b>Total Project Cost</b>	<b>600,000.00</b>

PR NO : 3884  
 Project : Repair of Roof Leak  
 Location : TBI 3rd Floor UP Cebu, Lahug, Cebu City  
 Subject : Program of Work and Cost Estimate

Qty	Unit	Description	Unit Cost	Total Cost
<b>I. WATERPROOFING</b>				
16	gals	Concreto Bond	900.00	14,400.00
11	pcs	Paint Brush #2	50.00	550.00
11	pcs	Roller Brush #7 with pan	90.00	990.00
			<b>Total Cost</b>	<b>15,940.00</b>
			<b>Labor Cost</b>	<b>34,060.00</b>
			<b>Total Project Cost</b>	<b>50,000.00</b>

PR NO : 3884  
 Project : Renovation of Hallway  
 Location : TBI 3rd Floor UP Cebu, Lahug, Cebu City  
 Subject : Program of Work and Cost Estimate

Qty	Unit	Description	Unit Cost	Total Cost
1	lot	Supply and Installation of Dark Gray Carpet look like Vinyl 45x45x2mm, using Apo adhesive	80,000.00	80,000.00

PR NO : 3884  
 Project : Renovation of Lobby Window Glass and Staircase  
 Location : TBI 3rd Floor UP Cebu, Lahug, Cebu City  
 Subject : Program of Work and Cost Estimate

Qty	Unit	Description	Unit Cost	Total Cost
1	lot	Supply and Installation of Dark Gray Carpet look like Vinyl 45x45x2mm, using Apo adhesive Repainting of stairway handrail using maroon colored enamel paint Glass Window Supply and Fixing all glass window panel at 2nd floor (lobby) and repainting	70,000.00	70,000.00



Project Name **Fabrication of UP Cebu Stock Room**  
 Location Adjacent to old Dormitory and Greenovate Dorm  
 PR No. 3926

**BILL OF QUANTITIES/ BILL PRELIMINARIES**

ITEM	DESCRIPTION	UOM	QTY	UNIT RATE		TOTAL AMOUNT
				MATERIALS	OTHERS/ LABOR	
<b>1.00</b>	<b>PRELIMINARIES</b>					
1.01	Mobilization/ Demobilization	sum	0.00	-	-	10,000.00
1.02	Workers Permits	sum	0.00	-	-	
	SUB TOTAL - Preliminaries					<b>10,000.00</b>
<b>2.00</b>	Pre-Fab Materials				12,000.00	12,000.00
	Back-to-back design panel (BBD) 40mm x 500mm x 2000mm wall panel	pcs	65.00	1,500.00	-	97,500.00
	Inter-column with three grooves (ICT) 130mm x 160mm x 4000mm inter column	pcs	10.00	4,200.00	-	42,000.00
	Corner-column with three grooves (CCT) 160mm x 160mm x 4000mm corner column	pcs	4.00	4,200.00	-	16,800.00
	Tie-Beam (TB) 100mm x 130mm x 2000mm concrete beam used as capping	pcs	28.00	1,800.00	-	50,400.00
	Plinth 450mm x 280mm x 400mm concrete footing used as base for temporary fences and houses	pcs	14.00	875.00	-	12,250.00
<b>2.00</b>	Fabrication and installation of built-up trusses				25,000.00	25,000.00
	2"x2"x1/4" single angle half trusses	unit	3.00	10,000.00	-	30,000.00
	2"x2"x1/4" single angle front fascia trusses	unit	2.00	8,750.00	-	17,500.00
	2"x2"x1/4" single angle rear fascia trusses	unit	2.00	5,000.00	-	10,000.00
	2"x3"x1.5mm C-purlins	pcs	18.00	950.00	-	17,100.00
	supply and installation of pre painted G.I. Roofing long span	lot	1.00	37,000.00	-	37,000.00
	frabrication of 1x1 steel matting in 1/2"x1/2"x1/4" angle bar painted in black	unit	14.00	2,500.00	-	35,000.00
	fabrication of double swing door using 2"dia B.I. pipe, 1x1 steel matting in 1/2"x1/2"x1/4" angle bar frame painted in black with complete door accessories	unit	1.00	15,000.00	-	15,000.00
<b>2.00</b>	Civil Works					
	Excavation of 600mm depth foundation including the lean concrete with 12mm rebar spaced at 300mm O.C. B.W.	unit	14.00	450.00	6,500.00	12,800.00
	100mm thk. concrete slab 10mm rebar spaced at 400mm O.C. B.W.	lot	1.00	30,000.00	6,315.00	36,315.00
	SUB TOTAL					<b>466,665.00</b>

**SUMMARY**

Preliminaries	<b>10,000.00</b>
---------------	------------------

Civil Works (DIRECT COST)	<b>466,665.00</b>
Contingencies (5% of Direct Cost)	<b>23,333.25</b>
<b>TOTAL</b>	<b>499,998.25</b>

Project Name **Campus Drainage (exit gate drainage and drainage library)**  
 Location Adjacent to exit gate and adjacent to library going main road  
 PR NO. 3923

**BILL OF QUANTITIES/ BILL PRELIMINARIES**

ITEM	DESCRIPTION	UOM	QTY	UNIT RATE		TOTAL AMOUNT
				MATERIALS	OTHERS/ LABOR	
<b>1.00</b>	<b>PRELIMINARIES</b>					
1.01	Mobilization/ Demobilization	sum	0.00	-	-	10,000.00
1.02	Workers Permits	sum	0.00	-	-	
<b>SUB TOTAL - Preliminaries</b>						<b>10,000.00</b>
<b>2.00</b>	<b>CIVIL WORKS</b>					
	Elevation survey and markings for the desired slope and pipe invert elevation guide	lot	1.00	-	5,000.00	5,000.00
	Excavation					
	Curb inlet manhole and manhole	cum	81.00	-	20,250.00	20,250.00
	Pipe laying excavation	cum	657.00	-	50,000.00	50,000.00
	Fabrication and construction of Curb-inlet-manhole			-	15,000.00	15,000.00
	40kg porland cement for mortar	bags/unit	3350.00	4.00	-	13,400.00
	Washed sand	cum/unit	3400.00	4.00	-	13,600.00
	6"chb pile with 20mm thick plastering from the inside	lot/unit	4500.00	4.00		18,000.00
	12mm dia rebar reinforcement at 6m per length	length/unit	5000.00	4.00	-	20,000.00
	20mm dia stainless steel grade 304 ladder rung	lm/unit	1250.00	4.00	-	5,000.00
	4"dia pvc, s1000 for pipe drains	length/unit	500.00	4.00	-	2,000.00
	Curb inlet grille	lot/unit	2000.00	4.00	-	8,000.00
	Fabrication and construction of Curb-inlet-manhole			-	28,200.00	28,200.00
	40kg porland cement for mortar	bags/unit	3350.00	8.00	-	26,800.00
	Washed sand	cum/unit	3400.00	8.00	-	27,200.00
	6"chb pile with 20mm thick plastering from the inside	lot/unit	4500.00	8.00		36,000.00
	12mm dia rebar reinforcement at 6m per length	length/unit	5000.00	8.00	-	40,000.00
	20mm dia stainless steel grade 304 ladder rung	lm/unit	1250.00	8.00	-	10,000.00
	4"dia pvc, s1000 for pipe drains	length/unit	500.00	8.00	-	4,000.00
	Supply and installation of 900cm RCP				30,000.00	30,000.00
	900cm diameter reinforced concrete pipe	pcs	146.00	2,500.00	-	365,000.00
	40kg portland cement	bags	29.00	250.00	-	7,250.00
	washed sand	cum	4.00	1,700.00	-	6,800.00
<b>SUB TOTAL</b>						<b>751,500.00</b>

**SUMMARY**

Preliminaries	<b>10,000.00</b>
Civil Works (DIRECT COST)	<b>751,500.00</b>
Contingencies (5% of Direct Cost)	<b>37,575.00</b>
<b>TOTAL</b>	<b>799,075.00</b>

Project Name **Renovation of two small storage room with new storage racks**  
 Location near ITC office ( AS Building)  
 PR NO. 3943

**BILL OF QUANTITIES/ BILL PRELIMINARIES**

ITEM	DESCRIPTION	UOM	QTY	UNIT RATE		TOTAL AMOUNT
				MATERIALS	OTHERS/ LABOR	
<b>1.00</b>	<b>PRELIMINARIES</b>					
1.01	Mobilization/ Demobilization	sum	0.00	-	-	5,000.00
1.02	Workers Permits	sum	0.00	-	-	
<b>SUB TOTAL - Preliminaries</b>						<b>5,000.00</b>
<b>2.00</b>	<b>Interior Fit Out (Renovation)</b>					
	Surface Preparation	lot	1.00	-	7,200.00	7,200.00
	Sand Paper	sheet	20.00	90.00	-	1,800.00
	Wall Putty ready to use	kg	5.00	100.00	-	500.00
	1 coat Primer application using flat latex primer	sqm	95.00	75.00	250.00	7,375.00
	2 coats for latex paint semi-gloss top coat (off white color)	sqm	83.00	75.00	250.00	6,475.00
	Installation of adjustable bracket on the wall for shelves	lot	1.00	-	12,000.00	12,000.00
	slotted angle bar 1.5"x1.5"x6ft for horizontal bracket spaced @ 0.60m	lengths	75.00	350.00	-	26,250.00
	slotted angle bar 1.5"x1.5"x6ft for vertical bracket spaced @ 1.20m	lengths	40.00	350.00	-	14,000.00
	slotted angle bar bolt and nut	pcs	554.00	5.00	-	2,770.00
	slotted angle bar steel corner plate	pcs	110.00	15.00	-	1,650.00
	1.5"x1.5" footer	pcs	20.00	10.00	-	200.00
	Shelf using 3/4" Ordinary Plywood 1.2x2.4	pcs	18.00	900.00	2,000.00	18,200.00
	Fixing of lighting inside the room and replacement of switch plate; includes checking of wiring connection and fixing it	lot	1.00	700.00	1,200.00	1,900.00
	Fixing of windows as per existing window design	lot	2.00	3,000.00	1,200.00	7,200.00
	Supply and application of epoxy paint flooring	lot	1.00	1,200.00	800.00	2,000.00
<b>SUB TOTAL</b>						<b>109,520.00</b>

**SUMMARY**

Preliminaries	<b>5,000.00</b>
Civil Works (DIRECT COST)	<b>109,520.00</b>
Contingencies (5% of Direct Cost)	<b>5,476.00</b>
<b>TOTAL</b>	<b>119,996.00</b>

Project Name	<b>Rehabilitation and Repair of existing manholes for underground conduit</b>					
Location	Various area at UP Cebu Campus					
PR NO	3942					

**BILL OF QUANTITIES/ BILL PRELIMINARIES**

ITEM	DESCRIPTION	UOM	QTY	UNIT RATE		TOTAL AMOUNT
				MATERIALS	OTHERS/ LABOR	
<b>1.00</b>	<b>PRELIMINARIES</b>					
1.01	Mobilization/ Demobilization	sum	0.00	-	-	10,000.00
1.02	Workers Permits	sum	0.00	-	-	
<b>SUB TOTAL - Preliminaries</b>						<b>10,000.00</b>
<b>2.00</b>	<b>CIVIL WORKS</b>					
	4" chb one layer piling to selected low manhole	pcs	160.00	18.00	31,200.00	34,080.00
	40kg portland cement for mortar	bags	12.00	250.00	-	3,000.00
	fine sand	cum	1.00	1,700.00	-	1,700.00
	additinal rebar reinforcement to added layer using 12mm rebar drilled on the existing manhole with epoxy	lot	13.00	250.00	-	3,250.00
	all purpose concrete epoxy 1 gals	set	2.00	1,500.00	-	3,000.00
	Plastering of added layer both sides 25mm thick	lot	1.00	-	7,800.00	7,800.00
	40kg portland cement	bags	15.00	250.00	-	3,750.00
	fine sand	cum	1.00	1,700.00	-	1,700.00
	rehabilitation or replacement of manhole covers	lot	13.00	3,500.00	-	45,500.00
	spraying of Multi-purpose Polyurethane Foam (500cc) into the conduit holes on the manholes for sealing and preventing water from entering the conduit	can	13.00	850.00	2,000.00	13,050.00
	clearing and cleaning of the manholes	lot	1.00	-	8,000.00	8,000.00
	Water and Electricity consumption for the whole duration of work to be paid to UP Cebu	lot	1.00	-	8,500.00	8,500.00
<b>SUB TOTAL</b>						<b>133,330.00</b>

**SUMMARY**

Preliminaries	<b>10,000.00</b>
Civil Works (DIRECT COST)	<b>133,330.00</b>
Contingencies (5% of Direct Cost)	<b>6,666.50</b>
<b>TOTAL</b>	<b>149,996.50</b>

