



Republic of the Philippines
Department of Transportation
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
AREA CENTER I
Laoag International Airport

CONSTRUCTION OF COMMUNAL TOILET AT LAOAG INTERNATIONAL AIRPORT

Sixth Edition

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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.

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
LAOAG INTERNATIONAL AIRPORT

Invitation to Bid for *Construction of Communal Toilet at Laoag International Airport*

1. The **Civil Aviation Authority of the Philippines, Area Center I** through the **Annual Procurement Plan, FY 2023** intends to apply the sum of ***Two Million Nine Hundred Ninety-Seven Thousand Eight Hundred Seventy-Four Pesos and 38/100 (Php2,997,874.38)*** being the Approved Budget for the Contract (ABC) to payments under the contract for ***Construction of Communal Toilet at Laoag International Airport, to wit:***

Lot No.	Description	Qty.	Total ABC	Bid Security/Bid Securing Declaration OR Cashier's/Manager's Check Equivalent to at least 2% of ABC	Surety Bond Equivalent to at least 5% of ABC
1	Construction of Communal Toilet at Laoag International Airport	1 Lot	2,997,874.38	59,957.49	149,893.72

Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The **Civil Aviation Authority of the Philippines, Area Center I** now invites bids for the above Procurement Project. Completion of the Works is required ***Sixty (60) Calendar 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 **Civil Aviation Authority of the Philippines, Area Center I** and inspect the Bidding Documents at the address given below from **8AM-5PM, Monday-Friday**.

5. A complete set of Bidding Documents may be acquired by interested bidders on **October 10, 2023** 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 Five Thousand Six Hundred Pesos Only (Php 5,600.00)*. The Procuring Entity shall allow the bidder to present its proof of payment for the fees *by in person or through the given email address below*.
6. The **Civil Aviation Authority of the Philippines, Area Center I** will hold a Pre-Bid Conference on **October 18, 2023 10:30 AM** at the **Bids and Awards Committee Conference Room, Concession Building, Laoag International Airport** and/or through video conferencing/webcasting via **Google Meet/Zoom**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below on or before **October 31, 2023 at 10:30 AM**. 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 **October 31, 2023 at 10:30 AM** at **Bids and Awards Committee Conference Room, Concession Building, Laoag International Airport** and/or through **Google Meet/Zoom**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The **Civil Aviation Authority of the Philippines, Area Center I** 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.
11. For further information, please refer to:

HAZELLE MAY C. ANDRES

Head, BAC Secretariat

Laoag International Airport, Brgy. Araniw, Laoag City

(077) 670-8446 telefax

laoag.bac@gmail.com / areacenter1_bac@caap.gov.ph

12. You may visit the following websites:

For downloading of Bidding Documents:

(Original Signed)
ATTY. RIZZA JOY VALLESTERO
BAC Chairman

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, **Civil Aviation Authority of the Philippines, Area Center I** invites Bids for the **Construction of Communal Toilet at Laoag International Airport**, with Project Identification Number **BAC-2023-065**.

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 **Annual Procurement Plan, CY 2023** in the amount of ***Two Million Nine Hundred Ninety-Seven Thousand Eight Hundred Seventy-Four Pesos and 38/100 (Php2,997,874.38)***.

2.2. The source of funding is GOCC and GFIs, the Corporate Operating Budget.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement 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.

The Procuring Entity has prescribed that:

- a. Subcontracting is not allowed.

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

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

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

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address 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.
- 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:*
 - a. 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 *or for One Hundred Twenty Days (120 days) from the date of 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 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 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	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: a. Construction of Communal Toilet at Laoag International Airport. b. The bidder's SLCC similar to the contract to the bid should be have been completed within the last five (5) years prior to the deadline for the submission and receipt of bids.															
7.1	No subcontracting allowed															
10.3	No further instruction															
10.4	The key personnel must meet the required minimum years of experience set below: <table><tr><td><u>Key Personnel</u></td><td><u>General Experience</u></td><td><u>Relevant Experience</u></td></tr><tr><td>Civil Engineer</td><td>2 years</td><td>2 years</td></tr><tr><td>Electrical Engineer</td><td>2 years</td><td>2 years</td></tr><tr><td>Safety Engineer/Officer</td><td>2 years</td><td>2 years</td></tr><tr><td>Construction Foreman</td><td></td><td></td></tr></table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	Civil Engineer	2 years	2 years	Electrical Engineer	2 years	2 years	Safety Engineer/Officer	2 years	2 years	Construction Foreman		
<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>														
Civil Engineer	2 years	2 years														
Electrical Engineer	2 years	2 years														
Safety Engineer/Officer	2 years	2 years														
Construction Foreman																
10.5	The minimum major equipment requirements are the following: <table><tr><td><u>Equipment</u></td><td><u>Capacity</u></td><td><u>Number of Units</u></td></tr><tr><td>Bagger Concrete Mixer</td><td>1 bagger</td><td>1</td></tr><tr><td>Concrete Vibrator</td><td></td><td>1</td></tr><tr><td>Welding Machine</td><td></td><td>1</td></tr><tr><td>Portable Cutting Machine</td><td></td><td>1</td></tr></table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	Bagger Concrete Mixer	1 bagger	1	Concrete Vibrator		1	Welding Machine		1	Portable Cutting Machine		1
<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>														
Bagger Concrete Mixer	1 bagger	1														
Concrete Vibrator		1														
Welding Machine		1														
Portable Cutting Machine		1														
12	No Further Instruction															
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 Fifty-Nine Thousand Nine Hundred Fifty-Seven Pesos and Forty-Nine Centavos only (Php 59,957.49) , 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 One Hundred Forty-Nine Thousand Eight Hundred Ninety-Three Pesos and Seventy-Two Centavos only (Php 149,893.72) if bid security is in Surety Bond.															
19.2	Partial bid is NOT ALLOWED															
20	No further instruction															
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. A). Pursuant to procurement principle under the Government Procurement Reform Act (RA No. 9184) and as per memorandum given by the Director															

	<p>General, state that, all prospective bidders shall henceforth be required to submit the following additional documents such as;</p> <p>1. A certification, under oath, attesting that they have no pending case(s) against the Government, in addition to the eligibility requirements for bidders as prescribed under the 2016 Revised Implementing Rules and Regulations (R-IRR) of RA No. 9184.</p> <p>2. Legal Clearance to be issued by the CAAP Enforcement and Legal Service with respect to the non-pendency of any cases of prospective bidders against this Authority.</p> <p><u>NOTE: These documents are being required during the post-qualification stage of the procurement process.</u></p>
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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	<i>No further instruction</i>
4.1	<p><i>[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.]</i></p> <p>The Intended Completion Date is Sixty (60) calendar days.</p> <p>NOTE: The contract duration shall be reckoned from the start date and not from contract effectivity date.</p>
6	The site investigation reports are: <i>[list here the required site investigation reports.]</i>
7.2	<p><i>[Select one, delete the other.]</i></p> <p><i>[In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures:]</i> Fifteen (15) years.</p> <p><i>[In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures:]</i> Five (5) years.</p> <p><i>[In case of other structures, such as bailey and wooden bridges, shallow wells, spring developments, and other similar structures:]</i> Two (2) years.</p>
10	a. 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 <i>[insert number]</i> days of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is <i>[insert amount]</i> .
13	The amount of the advance payment is <i>[insert amount as percentage of the contract price that shall not exceed 15% of the total contract price and schedule of payment]</i> .
14	<i>[If allowed by the Procuring Entity, state:]</i> Materials and equipment delivered on the site but not completely put in place shall be included for payment.

15.1	The date by which operating and maintenance manuals are required is <i>[date]</i> . The date by which “as built” drawings are required is <i>[date]</i> .
15.2	The amount to be withheld for failing to produce “as built” drawings and/or operating and maintenance manuals by the date required is <i>[amount in local currency]</i> .

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.

GENERAL SPECIFICATIONS

1.0 GENERAL

The works to be accomplished by the successful bidders shall consist of furnishing, supervision of labor, materials, supplies, tools and equipment to complete the Scope of Works of the Construction of Communal Toilet.

All Scope of Works must be according to plans and specifications. The quality and types of materials must conform to the specifications and must be approved first by the Engineer In-charge assigned by CAAP-LIA.

Provisions for staff house, service vehicles, laptops, printers, cameras, plotters, furniture and other materials, devices and equipment under Special Item or Temporary Facilities shall not include OCM.

The Contractor shall be responsible in providing safety perimeter fence or security fences, personal protective equipment (PPE) for staffs and workers on site while construction is ongoing. Safety reports should be prepared regularly.

The Contractor shall be responsible for all laboratory, material testing, environmental compliance certificate (ECC), building and safety permits and survey instruments necessary in the project Implementation. Also, the Contractor is hereby required to pay monthly fees for the usage of electricity and water consumption. Therefore, the Contractor is hereby required to provide sub meter as necessary for the determination of their own monthly bill. These Expenses shall not be incorporated in the Contractor's Overhead Cost and shall be considered as pay item.

2.0 LOCATION OF THE PROJECT

The Contract to be bid is located at Laoag International Airport, Brgy. 36 Araniw Laoag City, Ilocos Norte.

3.0 SCOPE OF WORK

The details of work are at best enumerated below, but be noted that the Contract includes all works and services although not specifically mentioned herein, but are needed to fully complete the Project.

The Project covers the supply of labor, materials, mobilization/demobilization, tools/equipment, and construction related permits necessary for Construction of Communal Toilet with the following scope of works which shall be done in accordance with the approved plans, specifications and provision of contract to wit: (Work shall include but is not limited to the following)

I. Site Works

The work includes all materials, labor, equipment and performance for clearing, grabbing, leveling off lot and of all operations to complete the excavation,

embankment/backfill and clearing of obstructions and preparation of sub base for the concreting of parking area as indicated in the plans.

II. Concrete Works

The work includes all materials, labor, equipment material testing and performance of all operations to complete the concreting of the components of the structure for the construction such as footings, columns, pavements including fabrication and installation of reinforced steel bars as specified on the plans. (Materials used and Workmanship must be approved by the Project In-Charge).

III. Masonry Works

The work includes all materials, labor, equipment, material testing and performance of all operations to complete the installation of CHB, plastering of the components of the structure such as walls, columns, septic tank, etc. (Materials used and workmanship must be approved by the Project In-Charge).

IV. Steel Works

The work includes all materials, labor, equipment, material testing and performance for the fabrication and installation of reinforcement steel bars for the footing, column, beams etc. Also, it includes the fabrication and installation of railings and decorative railings as indicated in the plans. (Materials used and workmanship must be approved by the Project In charge Assigned).

V. Roofing Works

The work includes all materials, labor, equipment necessary for the fabrication of steel trusses and installation of roofing sheets. Also includes the sealing of all necessary spots to prevent water leakage from the roof. (Materials used and Workmanship must be approved by the Project In charge Assigned).

VI. Waterproofing

The work includes all materials, labor and equipment necessary for the water proofing of the concrete gutter. Necessary materials such as wire mesh, elastoplastomeric water proofing membranes and etc. must be installed in accordance with the proper installation. (Materials used and Workmanship must be approved by the Project In charge Assigned).

VII. Septic Tank

The work includes all materials, labor and equipment necessary for the construction of the septic vault. The work includes installation of CHB and plastering, installation of necessary sanitary fitting materials as indicated in the plans. (Materials used and Workmanship must be approved by the Project In charge Assigned).

VIII. Tile Works

The work includes all materials, labor and equipment necessary for the installation of tiles and decorative stones. Design of materials must be approved first by the Civil Aviation Area Manger and the Project In charge. (Materials used and Workmanship must be approved by the Project In charge Assigned).

- IX. **Carpentry Works**
The work includes all materials, labor and equipment necessary for the installation Ceiling materials. This works includes the installation of metal furring, carrying channel, ficem board, etc. Proper Spacing of materials are indicated in the plans. (Materials used and Workmanship must be Approved by the Project In charge Assigned).
- X. **Painting Works**
The work includes all materials, labor and equipment necessary for the Painting Works. The work includes the proper cleaning of surfaces before applying primers and the final coating. Proper cleaning includes sanding the surfaces and removing dust particles using rugs. Also applying Finishes and Top coats must be applied adequately (Materials used and Workmanship must be Approved by the Project In charge Assigned).
- XI. **Doors and Windows**
The work includes all materials, labor and equipment necessary for the Fabrication and Installation of Doors and Windows. Specifications and Sizes are indicated in the program and plans. (Materials used and Workmanship must be Approved by the Project In charge Assigned).
- XII. **Electrical Works**
The work includes all materials, labor and equipment necessary for the Electrical Works. This includes wiring and installation of pin lights. Specifications and Sizes are indicated in the Program ad Plans. (Materials used and Workmanship must be Approved by the Project In charge Assigned).
- XIII. **Pluming Works**
The work includes all materials, labor and equipment necessary for the Plumbing Works. The contractor/service provider shall undertake the laying of water and sewer line pipes for the Communal Toilet. Specifications and Sizes are indicated in the Program ad Plans. (Materials used and Workmanship must be Approved by the Project In charge Assigned).
- XIV. **Occupational Health and Safety Program**
Every personnel that will be working on the restricted area shall wear necessary Personal Protective Equipment. Safety officer will be present during the Implementation of the Project.

Section VII. Drawings

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

{Attach Company Letterhead/Logo}

BILL OF QUANTITIES

PROJECT: CONSTRUCTION OF COMMUNAL TOILET
LOCATION: BRGY. 36 ARANIW, LAOAG CITY

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
I.	SITEWORKS	1	lot		
	Amount in Words				
II.	CONCRETE WORKS	1	lot		
	Amount in Words				
III.	MASONRY WORKS	1	lot		
	Amount in Words				
IV.	STEEL WORKS	1	lot		
	Amount in Words				
V.	ROOFING WORKS	1	lot		
	Amount in Words				
VI.	WATERPROOFING WORKS	1	lot		
	Amount in Words				
VII.	SEPTIC TANK	1	lot		
	Amount in Words				

VIII.	TILE WORKS Amount in Words	1	lot		
IX.	CARPENTRY WORKS Amount in Words	1	lot		
X.	PAINTING WORKS Amount in Words	1	lot		
XI.	DOORS AND WINDOWS Amount in Words	1	lot		
XII.	ELECTRICAL WORKS Amount in Words	1	lot		
XIII.	PLUMBING WORKS Amount in Words	1	lot		
XIV.	OHSP Amount in Words	1	lot		

Total Bid Amount: _____
Total Bid Amount in Words: _____

Signature: _____
Printed Name: _____
Name of Company: _____
Date: _____

DETAILED ESTIMATE

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PROJECT : CONSTRUCTION OF COMMUNAL TOILET
LOCATION : BRGY. 36 ARANIW, LAOAG CITY
SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

I. SITE WORKS (1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	Excavation	16 cu. Mtr	cu. Mtr	
2	Backfill	11.7 cu. Mtr	cu. Mtr	
3	Clearing, Compaction and Leveling	50 sq. Mtr	sq. Mtr	
4	Gravel Bedding	3 cu. Mtr	cu. Mtr	
MATERIAL COST				

3.	no. of man power	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
LABOR COST					

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	
3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		

TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PROJECT : CONSTRUCTION OF COMMUNAL TOILET
LOCATION : BRGY. 36 ARANIW, LAOAG CITY
SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

II. CONCRETE WORKS
 (1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
Column Footing				
1	Portland Cement	18 bags	bags	
2	Sand	1 cu. Mtr	cu. Mtr	
3	Gravel	2 cu. Mtr	cu. Mtr	
4	16mmØ x 6m DRSB	16 pc.	pc.	
5	#16 G.I. Tie Wire	3 kgs	kgs	
Wall Footing				
6	Portland Cement	21 bags	bags	
7	Sand	1.2 cu. Mtr	cu. Mtr	
8	Gravel	2.3 cu. Mtr	cu. Mtr	
9	12mmØ x 6m DRSB	22 pc.	pc.	
10	16mmØ x 6m DRSB	10 pc.	pc.	
11	#16 G.I. Tie Wire	4 kgs	kgs	
Catch Basin				
12	Portland Cement	8 bags	bags	
13	Sand	0.5 cu. Mtr	cu. Mtr	
14	Gravel	1 cu. Mtr	cu. Mtr	
15	12mmØ x 6m DRSB	12 pc.	pc.	
16	16mmØ x 6m DRSB	1 pc.	pc.	
17	#16 G.I. Tie Wire	2 kgs	kgs	
Column				
18	Portland Cement	19 bags	bags	
19	Sand	1 cu. Mtr	cu. Mtr	
20	Gravel	2 cu. Mtr	cu. Mtr	
21	16mmØ x 6m DRSB	32 pc.	pc.	
22	10mmØ x 6.0m DRSB	42 pc.	pc.	
23	#16 G.I. Tie Wire	10 kgs	kgs	
Slab				
24	Portland Cement	45 bags	bags	
25	Sand	2.5 cu. Mtr	cu. Mtr	
26	Gravel	5 cu. Mtr	cu. Mtr	
27	10mmØ x 6.0m DRSB	70 pc.	pc.	
28	#16 G.I. Tie Wire	7 kgs	kgs	
Beams and Girders				
29	Portland Cement	19 bags	bags	
30	Sand	1 cu. Mtr	cu. Mtr	
31	Gravel	2 cu. Mtr	cu. Mtr	
32	16mmØ x 6m DRSB	46 pc.	pc.	
33	10mmØ x 6.0m DRSB	40 pc.	pc.	
34	#16 G.I. Tie Wire	16 kgs	kgs	
Concrete Gutter				
35	Portland Cement	11 bags	bags	
36	Sand	0.6 cu. Mtr	cu. Mtr	

37	Gravel	1.2	cu. Mtr		cu. Mtr	
38	12mmØ x 6m DRSB	14	pc.		pc.	
39	#16 G.I. Tie Wire	1	kgs		kgs	
Concrete Canopy						
40	Portland Cement	10	bags		bags	
41	Sand	0.5	cu. Mtr		cu. Mtr	
42	Gravel	1	cu. Mtr		cu. Mtr	
43	12mmØ x 6m DRSB	22	pc.		pc.	
44	#16 G.I. Tie Wire	3	kgs		kgs	
Formworks & Scaffolding						
45	1/2"x4'x8' Ordinary Plywood	22	pc.		pc.	
46	2"x3" Good Lumber	1285	bd. Ft		bd. Ft	
47	Assrt. CWN	36	kgs		kgs	
MATERIAL COST						

2.	EQUIPMENT		QUANTITY	UNIT COST	AMOUNT
1	Bagger Concrete Mixer		day	day	
2	Concrete Vibrator		day	day	
3	Manual Bar Cutter		day	day	
EQUIPMENT COST					

3.	no. of man power	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
LABOR COST					

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	
3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		

TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PROJECT : CONSTRUCTION OF COMMUNAL TOILET
LOCATION : BRGY. 36 ARANIW, LAOAG CITY
SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

III. Masonry works
(1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	CHB 5"	1891 pc	pc	
2	CHB 4"	181 pc	pc	
3	Portland Cement	220 bags	bags	
4	Sand	20 cu. Mtr	cu. Mtr	
5	12mmØ x 6m DRSB	99 pc	pc	
6	10mmØ x 6m DRSB	10 pc	pc	
7	#16 G.I. Tie Wire	6 kgs	kgs	
MATERIAL COST				

2.	no. of man power	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
LABOR COST					

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	
3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		

TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PROJECT : CONSTRUCTION OF COMMUNAL TOILET
LOCATION : BRGY. 36 ARANIW, LAOAG CITY
SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

IV. STEEL WORKS
 (1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	1-1/2"Ø Stainless Steel Pipe x 6.0m	6 pc.	pc.	
2	Welding Rod for Stainless Steel	2 kgs	kgs	
3	Angle Bar 38mm x 38mm x 4.76mm x6.0m	4 pc.	pc.	
4	Angle Bar 44mm x 44mm x 4.76mm x6.0m	8 pc.	pc.	
5	C-Purlins 50mm x 100mm x 1.5mm thk x 6.0m	10 pc.	pc.	
6	MS Plate 6mm thk (150mm x 150mm)	8 pc.	pc.	
7	Anchor Bolt 10mmØ x 125mmL w/ nuts & washer	16 pc.	pc.	
8	Tubular Bar 50mm x 100mm x 4.76mmthk x 6.0m	5 pc.	pc.	
9	Tubular Bar 50mm x 100mm x 3.0mmthk x 6.0m	3 pc.	pc.	
10	Tubular Bar 50mm x 50mm x 3.0mmthk x 6.0m	23 pc.	pc.	
11	Flat Bar 6.0mmthk x 50mm x 6.0m	1 pc.	pc.	
12	10mmØ Expansion Anchor Bolts	4 pc.	pc.	
13	4'x8'x6mm thk Fiber Cement Board	5 pc.	pc.	
14	Welding Rod	27 kgs	kgs	
15	Oxygen, Acetelyn (contents only)	3 cyl	cyl	
MATERIAL COST				

2.	EQUIPMENT	QUANTITY	UNIT COST	AMOUNT
1	Welding Machine	day	day	
EQUIPMENT COST				

3.	no. of man power	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
LABOR COST					

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	-
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TOTAL UNIT COST

-

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PROJECT : CONSTRUCTION OF COMMUNAL TOILET
LOCATION : BRGY. 36 ARANIW, LAOAG CITY
SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

V. ROOFING WORKS
 (1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	Long span G.I. Rib Type Sheet, GA 26 1.05 x 3.70m, Pre- Painted t=0.40mm	8 pc.	pc.	
2	G.A 24 G.I. Plain Sheet 3' x 8' : Pre-painted	7 pc.	pc.	
3	Tekscrew, 2 1/2" for Metal	1300 pc.	pc.	
4	Blind Rivets	1 box	box	
5	Roof Sealant	1 lit	lit	
MATERIAL COST				

2.	EQUIPMENT	QUANTITY	UNIT COST	AMOUNT
1		day	day	
EQUIPMENT COST				

3.	no. of man power	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
LABOR COST					

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)		
2.	CONTRACTORS PROFIT		
		TOTAL MARK-UP	

3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%	
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PROJECT : CONSTRUCTION OF COMMUNAL TOILET
LOCATION : BRGY. 36 ARANIW, LAOAG CITY
SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

VI. WATER PROOFING
 (1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	Portland Cement	33 bags	bags	
2	Sand	2 cu. Mtr	cu. Mtr	
3	Gravel	4 cu. Mtr	cu. Mtr	
4	1.8m x 6.0m x 3mm Wire Mesh	1 pc.	pc.	
5	Bituminous Primer (16L)	1 tins	tins	
6	1m x 10m x 4mm thk. Pre-Fabricated Elastoplastic waterproofing membranes, granulated	2 rolls	rolls	
7	Liquify Petroleum Gas (11kg)	1 pc.	pc.	
8	Gloves	4 pc.	pc.	
9				
MATERIAL COST				

2.	no. of manpower	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
LABOR COST					

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	
3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		

TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PROJECT : CONSTRUCTION OF COMMUNAL TOILET
LOCATION : BRGY. 36 ARANIW, LAOAG CITY
SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

VII. Septic Tank
 (1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	CHB 5"	300 pc.	pc.	
2	Portland Cement	40 bag	bag	
3	Sand	4 cu. Mtr	cu. Mtr	
4	Gravel	3 cu. Mtr	cu. Mtr	
5	12mmØ x 6m DRSB	65 pc.	pc.	
6	#16 G.I. Tie Wire	7 kgs	kgs	
7	1/2" x 4' x 8' Ordinary Plywood	4 pc.	pc.	
8	2" x 3" Lumber	100 bd. Ft	bd. Ft	
9	Assort. CWN	2 kgs	kgs	
10	4"Ø x 10' PVC Pipe	3 pc.	pc.	
11	4"Ø PVC Clean Out Plug	3 pc.	pc.	
12	4" x 4" Ø VC Sanitary Tee	2 pc.	pc.	
13	PVC Pipe Cement	2 qrt	qrt	
		MATERIAL COST		

2.	no. of man power	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
4		Common Laborer	day	day	
		LABOR COST			

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	
3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		

TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PROJECT : CONSTRUCTION OF COMMUNAL TOILET
LOCATION : BRGY. 36 ARANIW, LAOAG CITY
SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

VIII. TILE WORKS
 (1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY		UNIT COST		AMOUNT
1	600mm x 600mm Matte Granite Tiles(Floor Tiles), Material -Porcelain, Rectified Edge	111	pc.		pc.	
2	300mm x 600mm Glossy Tiles (Wall Tiles), Material - Ceramic, Rectified Edge	545	pc.		pc.	
3	200mm x 600mm Glossy Tiles (Wall Tiles),Material - Ceramic	175	pc.		pc.	
4	Red Vigan Bricks 1" x 2" x 8"	9400	sq.mtr		sq.mtr	
5	Portland Cement	13	bag		bag	
6	Tile Adhesive (25kgs)	30	bag		bag	
7	Tile Grout (5kg)	15	bag		bag	
8	Tile Cutting Disk, 4"	10	pc.		pc.	
		MATERIAL COST				

2.	EQUIPMENT	QUANTITY		UNIT COST		AMOUNT
1	Portable Cutting Machine		day		day	
		EQUIPMENT COST				

3.	no. of man power	LABOR	NO. OF DAYS	UNIT COST		AMOUNT
1		Foreman	day		day	
2		Skilled Laborer	day		day	
3		Common Laborer	day		day	
		LABOR COST				

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
		TOTAL MARK-UP		

3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
		TOTAL UNIT COST

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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 SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

IX. CARPENTRY WORKS
 (1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
1	4.5mm thk Ficem Board 4' x 8'	35 pc.	pc.	
2	Wall Angle Ga. 24-25 x 25mm 3m	10 pc.	pc.	
3	Carrying Channel Ga. 26-12.5 x 38mm x 5m	9 pc.	pc.	
4	Double Furring Channel Ga. 26-19 x 50mm x 5m	20 pc.	pc.	
5	Double Furring Clips	67 pc.	pc.	
6	Suspension GA #8 Rod Hang	35 pc.	pc.	
7	Suspension Rod GA #8 (9.0m/roll)	5 roll	roll	
8	Blind Rivets 3/8"	244 pc.	pc.	
9	Ficemboard Screws 25mm	674 pc.	pc.	
10	Paper Tape 500ft	1 pc.	pc.	
11	Ecofor Lumber (S4S)	200 pc.	pc.	
		MATERIAL COST		

3.	no. of man power	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
		LABOR COST			

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
		TOTAL MARK-UP		

3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST			
	TOTAL UNIT COST			

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

X. PAINTING WORKS

(1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
	Elastomeric Paint Finish (Exterior Wall & Boards)			
1	Masonry Neutralizer	2 ltrs	ltrs	
2	Elastomeric Paint	8 gal	gal	
3	Acrytex Cast	8 gal	gal	
4	Acrytex Reducer	1 gal	gal	
5	Paint Roller with pan 9"	4 pc.	pc.	
6	Paint Roller 9" Refill	3 pc.	pc.	
7	Paint Brush 4"	4 pc.	pc.	
8	Putty Knife	4 pc.	pc.	
9	Rugs	1 kgs	kgs	
10	Assorted Sand Paper	25 pc.	pc.	
11	Wood Varnish	2 gal.	gal.	
12	Acrylic Emulsion	2 gal.	gal.	
	Semi-Gloss Latex Paint Finish (Interior Wall)			
13	Flat Latex Paint	4 gal.	gal.	
14	Semi-Gloss Latex Paint	12 gal.	gal.	
15	Plasolux Glazing Putty	6 ltrs	ltrs	
16	Paint Roller with pan 9"	2 pc.	pc.	
17	Putty Knife	4 pc.	pc.	
18	Paint Brush 3"	2 pc.	pc.	
19	Rugs	1 kgs	kgs	
20	Sand Paper #120	2 pc.	pc.	
	Steel			
21	Primeguard	6 gal	gal	
22	Quick Dry Enamel	5 gal	gal	
23	Paint Thinner	5 gal	gal	
24	Paint Brush 3"	5 pc.	pc.	
MATERIAL COST				

3.	no. of man power	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1	1	Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
LABOR COST					

TOTAL DIRECT COST

#REF!

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)		
2.	CONTRACTORS PROFIT		
		TOTAL MARK-UP	

3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		
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TOTAL INDIRECT COST

C. **TOTAL COST**

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

XI. DOORS AND WINDOWS
 (1.00 LOT)

A. DIRECT COST

1.	MATERIALS		QUANTITY		UNIT COST		AMOUNT
1	D-1	1200mm X 2150mm Single-leaf swing out Hollow Core Door painted with quick dry enamel paint & kick plate (600mm x 300mm) including hinges, lockset, handle bar	1	set		set	
2	D-2	850mm x 2150mm Single-leaf Swing out Hollow core door painted w/ quick dry enamel paint & kick plate (550mm x 300mm) including hinges, lockset, handle bar	1	set		set	
3	D-3	850mm x 2150mm Single-leaf Swing out Hollow core door painted w/ quick dry enamel paint & kick plate (550mm x 300mm) including hinges, lockset, handle bar	1	set		set	
4	D-4	850mm x 2150mm Single-leaf Swing out Hollow core door painted w/ quick dry enamel paint & kick plate (550mm x 300mm) including hinges, lockset, handle bar	1	set		set	
5	W-1	2250mm x 600mm Six-bay sliding glass window on anonized aluminum frame (6mm thk clear glass for window)	2	set		set	
6	W-2	1200mm x 600mm Three-Bay Sliding Glass Window on anonized aluminum frame (6mm thk clear glass for window)	1	set		set	
7	W-3	600mm x 600mm One-bay sliding glass window on anonized aluminum frame (6mm thk clear glass for window)	1	set		set	
			MATERIAL COST				

3.	no. of man power	LABOR	NO. OF DAYS		UNIT COST		AMOUNT
1		Foreman		day		day	
2		Skilled Laborer		day		day	
3		Common Laborer		day		day	
			LABOR COST				

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		
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TOTAL INDIRECT COST

C. **TOTAL COST**

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

XII. ELECTRICAL WORKS
(1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY	UNIT COST	AMOUNT
	Lighting and Power Conduits and Fittings			
1	15mm Ø x 3m Electrical Metallic Tubing (1/2")	35 pc.	pc.	
2	15mmØ Flexible conduit	20 lm	lm	
3	15mmØ EMT Coupling (Screw Type)	35 pc.	pc.	
4	15mmØ EMT Connector (Screw type)	90 pc.	pc.	
5	15mmØ EMT Locknut and Bushing	90 pairs	pairs	
	Wires & Cables			
6	3.5mm THHN/THWN-2 600V 90°C Copper Wire, Underwriter's Laboratory (UL) Listed	2 rolls	rolls	
7	2.0mm THHN/THWN-2 600V 90°C Copper Wire, Underwriter's Laboratory (UL) Listed	1 rolls	rolls	
	Electrical Wiring Devices			
8	Hand Dryer Outlet (Universal Type w/ Ground)	4 set	set	
9	1-gang switch w/ plate, wide series	3 set	set	
10	2-gang switch w/ plate, wide series	2 set	set	
11	3-gang switch w/ plate, wide series	3 set	set	
	Lighting Fixtures			
12	4" diameter recessed vertical lamp downlight fixture and powder coated white finish steel housing, matte aluminum reflector and partial frosted glass cover with 1x7.5w, 600-lumen cool white LED bulb	2 set	set	
13	4" diameter surface mounted vertical lamp downlight fixture with powder coated white finish steel housing, matte aluminum reflector and partial frosted glass cover with 1x7.5w, 600-lumen cool white LED bulb	4 set	set	
14	6" diameter recessed vertical lamp downlight fixture with powder coated white finish steel housing, matte aluminum reflector and partial frosted glass cover with 1x12.5w, 1055-Lumen cool white LED bulb	13 set	set	
15	4" diameter outdoor wall lamp with die-cast aluminum mounting bracket, frosted glass diffuser, waterproof and durable silicone rubber gasket with 2x7.5w, 600 lumen warm white LED bulb	2 set	set	
16	Heavy Duty Emergency Lamp Dual Optics, 2x5w LED bulb	2 set	set	
17	3" Surface Mounted Vertical Lamp downlight Fixture, powder coated black finish steel housing, matte aluminum reflector and partial frosted glass cover with 1x3w, warm white LED bulb	10 set	set	
	Boxe and Pullboxes			

18	Octagonal Junction Box	39	pc.		pc.	
19	4x2 Utility Box	11	pc.		pc.	
20	Metal Pull Box, 300mmx300mmx100mm, gauge 16	1	pc.		pc.	
Panelboard/ Circuit Breaker						
21	1Ø, 2w, 230V, 60HZ, with ground	1	assy		assy	
22	Main: 40AT, 100AF, 2-pole, 240V					
23	Branches: 5-20AT, 2-pole, 240V, Bolt-on					
24	With Grounding Terminal Lugs					
25	Enclosure: NEMA-1 Gauge 16, Powder coated Gray					
26	Circuit Breaker, 40AT, 100AF, 2-pole, 240V Bolt-on Type	1	pc.		pc.	
Feeder Conductors						
27	5.5mm THW Copper Wire, UL listed	75	lm		lm	
28	8.0mm THW Copper Wire, UL listed	1	rolls		rolls	
Conduits and Fittings						
29	20mmØ x 3m Rigid Steel Conduit	25	lghs		lghs	
30	20mmØ RSC Coupling	29	pc.		pc.	
31	20mmØ RSC Locknut and Bushings	4	pairs		pairs	
32	20mmØ RSC Elbow	4	pc.		pc.	
Ventilation						
33	14"x14" white ceiling type exhaust fan with complete standard accessories, vent caps and ducts	5	set		set	
Termination Accessories						
34	G.I. Tie Wire Ga. 16	1	kg		kg	
35	Electrical Tape, 0.16mm x 19mm x 16m	2	rolls		rolls	
36	Rubber Tape	1	rolls		rolls	
MATERIAL COST						

3.	No. of Manpower	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Electrician	day	day	
2		Common Laborer	day	day	
LABOR COST					

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST

AGENCY : Department of Transportation
 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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LOCATION : BRGY. 36 ARANIW, LAOAG CITY
SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

XIII. PLUMBING WORKS
 (1.00 LOT)

A. DIRECT COST

1.	MATERIALS	QUANTITY		UNIT COST		AMOUNT
	FIXTURES					
1	Two Piece Water closet w/ complete accessories - vitreous china, grade A, glossy finish, 2.4/4 LPF Water Saving, Concealed trap-way design, 305 mm S trap, 650 x 355 x 795 mm	5	pc.		pc.	
2	Urinal- Vitreous China , glossy finish, complete with urinal spud, 0.5L/1L/3L presettable water consumption, Width-345mm	5	pc.		pc.	
3	Urinal Flush Valve - Glossy, Material: Brass, Lever Type Flush valve	5	pc.		pc.	
4	Bidet spray w/ complete accessories, Stainless Steel 304 Satin Finish, Flexible hose 1200 x 1/2 x 1/2 w/ max working pressure of 75psi; spray head 102mmL x 62mmW & handspray wall holder 35mmØ	5	sets		sets	
5	Three Way Angle Valve, 1/2 x 1/2 x 1/2, Stainless Steel 304	5	pc.		pc.	
6	Self Rimming Lavatory Countertop - glazed ceramic, vitreous china, Dimensions: 584x462mm, with P-trap, angle valve and braided flexible supply hose	4	pc.		pc.	
7	Lavatory- pedestal type, glazed ceramic, vitreous china, Dimensions: 538x470mm, w/ cast iron brackets and fixing bolt set, P-Trap, angle valve and braided flexible supply hose	2	pc.		pc.	
8	Single Lever Lavatory Faucet - Brass, Glossy Finish	6	pc.		pc.	
9	Lavatory Drain - pop-up, glossy finish, stainless steel 304	6	pc.		pc.	
10	Surface-mount Bathroom Hand Soap Dispenser - holds 1250ml refill, one hand push operations, Stainless Steel 304	6	pc.		pc.	
11	Hand Dryer - Automatic, 220V AC ; 1800 watts, Sensor range - 12 + 3 cm, Motor Speed: 2800 r/min, Dimensions - 24 x 24 x 21.5 cm, ABS Plastic Material	4	pc.		pc.	
12	Jumbo Roll Toilet Tissue Holder w/ cover - Stainless Steel Satin Brushed, with system-lock key, Diameter : 270 mm, Depth: 115 mm	4	pc.		pc.	

13	Toilet Paper Holder with cover, Stainless Steel 304 Polished Finish	5	pc.		pc.	
14	Floor Drain, 100mm x 100mm, Stainless Steel	9	pc.		pc.	
15	Wall-to-wall anti-bacterial ABS grab Bar (730mm x 730mm)	1	pc.		pc.	
16	24" Straight type anti-bacterial ABS grab bar	2	pc.		pc.	
17	12mm thk Phenolic Board Partition complete with hardware & Accessories (for male)	2	sq. mtr		sq. mtr	
18	12mm thk Phenolic Board Partition complete with hardware & Accessories (for female)	6.95	sq. mtr		sq. mtr	
19	Urinal Divider 12mm thk Phenolic Board (0.4m x 0.98m)	2	sets		sets	
20	19mm thk (0.60m x 2.60m) Slab type Synthetic Granite Countertop with provision of lavatory hole	1	pc.		pc.	
21	19mm thk (0.60m x 0.90m) Slab type Synthetic Granite Countertop with provision of lavatory hole	1	pc.		pc.	
22	19mm thk (0.20m x 2.60m) Slab type Synthetic Granite siding	1	pc.		pc.	
23	19mm thk (0.20m x 0.90m) Slab type Synthetic Granite Siding	1	pc.		pc.	
24	Mirror with Frame - 0.6m x 1.2m	6	pc.		pc.	
Sewerline						
25	4"x10' PVC pipe	8	pc.		pc.	
26	2"x10' PVC pipe	15	pc.		pc.	
27	4"x4" PVC wye	5	pc.		pc.	
28	4"x2" Sanitary pipe	15	pc.		pc.	
29	2"x2" Sanitary tee	12	pc.		pc.	
30	4" PVC Double wye	2	pc.		pc.	
31	2" PVC Double wye	3	pc.		pc.	
32	4" 90deg PVC elbow	5	pc.		pc.	
33	4" 45deg PVC elbow	10	pc.		pc.	
34	2" 90deg PVC elbow	15	pc.		pc.	
35	2" PVC Tee	10	pc.		pc.	
36	4" PVC coupling	5	pc.		pc.	
37	2" PVC coupling	15	pc.		pc.	
38	2" PVC P-trap	17	pc.		pc.	
39	4" PVC Clean out Plug	3	pc.		pc.	
40	Solvent Cement	5	lit.		lit.	
Waterline						
41	3/4" PPR Pn20	5	pc.		pc.	
42	1/2" PPR Pn20	10	pc.		pc.	
43	1/2" PPR Tee	22	pc.		pc.	
44	1/2" PPR Elbow	31	pc.		pc.	
45	1/2" PPR Union	5	pc.		pc.	
46	1/2" PPR Gate Valve	3	pc.		pc.	
47	1/2" PPR Check Valve	2	pc.		pc.	
48	1HP Booster pump w/ accessories	1	sets		sets	
49	Stainless Pressurized Water Tank 82gal	1	sets		sets	
50	Teflon tape 3/4"	5	roll		roll	
Storm Drainage Line						
51	4"x10' PVC pipe	10	pc.		pc.	
52	4" 90deg PVC elbow	10	pc.		pc.	
53	4" PVC coupling	4	pc.		pc.	
54	Roof Stainer/ Roof Drain	4	pc.		pc.	
55	Solvent Cement	2	lit.		lit.	

MATERIAL COST	
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3.	no. of man power	LABOR	NO. OF DAYS	UNIT COST	AMOUNT
1		Foreman	day	day	
2		Skilled Laborer	day	day	
3		Common Laborer	day	day	
LABOR COST					

TOTAL DIRECT COST

B. INDIRECT COST

1.	OCM(Overhead, Contingencies, Miscellaneous)			
2.	CONTRACTORS PROFIT			
			TOTAL MARK-UP	

3.	Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)	5%		
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TOTAL INDIRECT COST

C. TOTAL COST

1.	DIRECT COST + INDIRECT COST	
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TOTAL UNIT COST

AGENCY : Department of Transportation
/ : CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PROJECT : CONSTRUCTION OF COMMUNAL TOILET
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SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

XIV. OCCUPATIONAL HEATH AND SAFETY PROGRAM

QUANTITY 1.0 LOT

A. DIRECT COST

1	EQUIPMENT	QUANTITY	UNIT COST	AMOUNT
1	Reflectorized Vest, Safety Shoes, Hard Hat, Welding Gloves	sets	/sets	
EQUIPMENT COST				

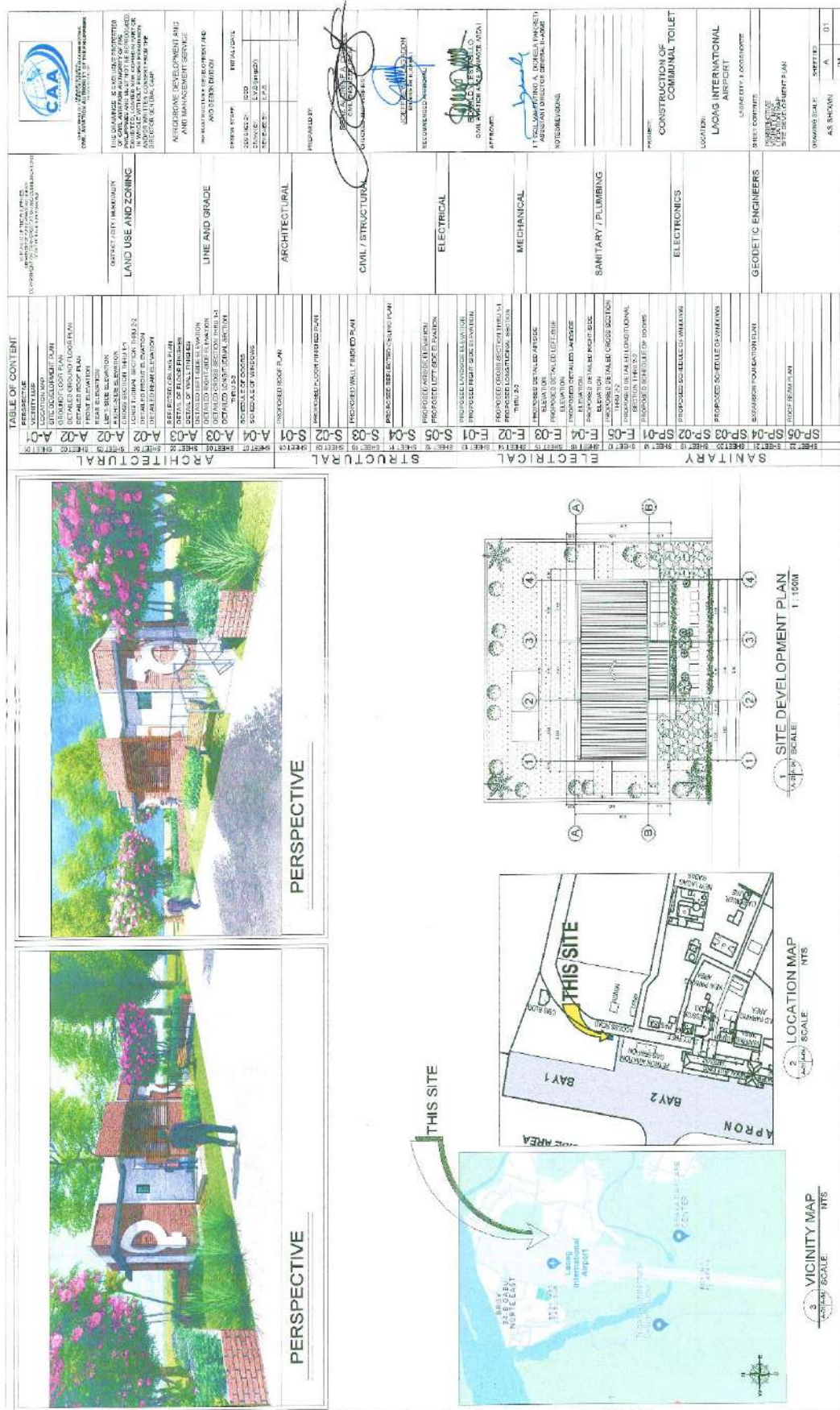
TOTAL DIRECT COST

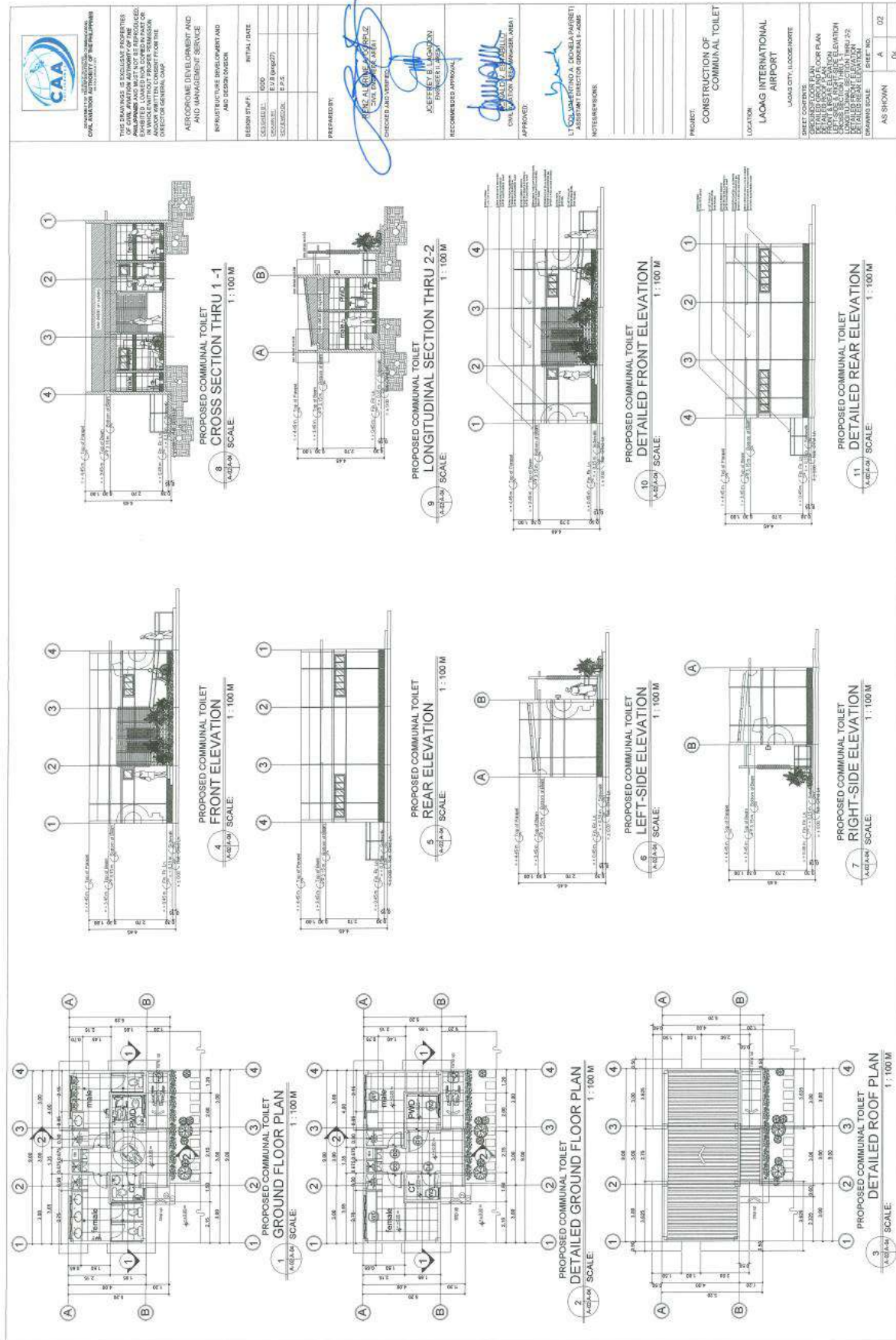
C. TOTAL COST


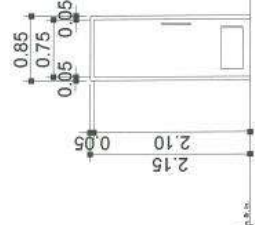
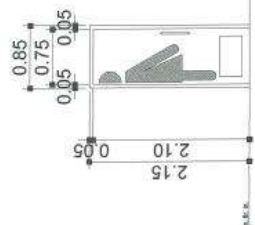
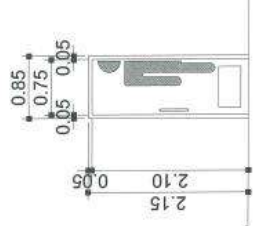
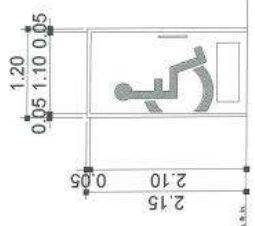



1. DIRECT COST	
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TOTAL UNIT COST

DRAWINGS/LAYOUTS





 <p>CHINA AIRCRAFT CORPORATION CHINA AIRCRAFT CORPORATION</p> <p>THE AIRCRAFT CORPORATION OF CHINA PHILIPPINES AND BEST NOT BE APPROVED IN BACKLASHING PROCEEDING FROM THE DIRECTOR GENERAL OF CIVIL AVIATION</p> <p>AEROPORNE DEVELOPMENT AND AND MANAGEMENT SERVICE</p> <p>INFRASTRUCTURE DEVELOPMENT AND AND DESIGN DIVISION</p> <p>DESIGN STAFF DESIGNER: E.P.A. CHECKER: E.P.A. APPROVED: E.P.A.</p>					<table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>LOCATION</th> <th>NO. OF SETS</th> <th>1 SET</th> <th>2 SETS</th> <th>3 SETS</th> <th>4 SETS</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>SINGLE LEAF SWING OUT HOLLOW CORE DOOR PAINTED W/ ENAMEL, QUICK DRY ENAMEL PAINT & KICK PLATE (50mm x 100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR AND KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)</td> <td>PMO TOILET</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>SINGLE LEAF SWING IN HOLLOW CORE DOOR PAINTED W/ ENAMEL, QUICK DRY ENAMEL PAINT & KICK PLATE (50mm x 100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR AND KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)</td> <td>MALE TOILET</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>SINGLE LEAF SWING IN HOLLOW CORE DOOR PAINTED W/ ENAMEL, QUICK DRY ENAMEL PAINT & KICK PLATE (50mm x 100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR AND KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)</td> <td>FEMALE TOILET</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>SINGLE LEAF SWING IN HOLLOW CORE DOOR PAINTED W/ ENAMEL, QUICK DRY ENAMEL PAINT & KICK PLATE (50mm x 100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR AND KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)</td> <td>COMMON TOILET</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	NO.	DESCRIPTION	LOCATION	NO. OF SETS	1 SET	2 SETS	3 SETS	4 SETS	1	SINGLE LEAF SWING OUT HOLLOW CORE DOOR PAINTED W/ ENAMEL, QUICK DRY ENAMEL PAINT & KICK PLATE (50mm x 100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR AND KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)	PMO TOILET	1					2	SINGLE LEAF SWING IN HOLLOW CORE DOOR PAINTED W/ ENAMEL, QUICK DRY ENAMEL PAINT & KICK PLATE (50mm x 100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR AND KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)	MALE TOILET	1					3	SINGLE LEAF SWING IN HOLLOW CORE DOOR PAINTED W/ ENAMEL, QUICK DRY ENAMEL PAINT & KICK PLATE (50mm x 100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR AND KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)	FEMALE TOILET	1					4	SINGLE LEAF SWING IN HOLLOW CORE DOOR PAINTED W/ ENAMEL, QUICK DRY ENAMEL PAINT & KICK PLATE (50mm x 100mm) INCLUDING HINGES, LOCKSET, HANDLE BAR AND KICK PLATE (COLOR OF DOOR, VERIFY TO ARCHITECT)	COMMON TOILET	1					<p>PREPARED BY:  JEFFREY B. LASHON, CIVIL ENGINEER (P.E.)</p> <p>CHECKED BY:  JEFFREY B. LASHON, CIVIL ENGINEER (P.E.)</p> <p>RECOMMENDED APPROVAL:  JEFFREY B. LASHON, CIVIL ENGINEER (P.E.)</p>	<p>PROJECT: CONSTRUCTION OF COMMUNAL TOILET</p> <p>LOCATION: LAOAG INTERNATIONAL AIRPORT, LAOAG CITY, ILOCOS SURTE</p> <p>SHEET CONTENTS: SCHEDULE OF WINDOWS</p> <p>DRAWING SCALE: AS SHOWN</p> <p>SHEET NO. 04</p>
NO.	DESCRIPTION	LOCATION	NO. OF SETS	1 SET	2 SETS	3 SETS	4 SETS																																								
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APPROVED FOR CONSTRUCTION AND MAINTENANCE BY:

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:

DESIGNER	DATE
CHECKED	
APPROVED	

PREPARED BY:

DESIGNED BY:

DATE: 15/05/2024

PROJECT: CONSTRUCTION OF COMMUNAL TOILET

LOCATION: LAQAG INTERNATIONAL AIRPORT

JAKES CITY, LOCOS RANTE

SHEET NUMBER: 01

AS SHOWN

GENERAL NOTES:

- IT IS NOT INTENDED THAT THE DRAWINGS SHALL SHOW EVERY PIPE FITTING, VALVE AND JOINT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILING AND CONSTRUCTION OF ALL SUCH DETAILS. ALL SUCH DETAILS SHALL BE SHOWN AND Labeled OR INDICATED ON THE DRAWINGS SHALL BE THE SATISFACTION OF THE OWNER IF NECESSARY TO COMPLETE THE SYSTEM TO THE SATISFACTION OF THE OWNER.
- ALL PLUMBING WORKS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES. THE REQUIREMENTS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES SHALL BE THE BASIS FOR THE DESIGN AND CONSTRUCTION OF THE PLUMBING SYSTEM.
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MATERIAL'S SPECIFICATION:

WATER LINE PIPE

- SHALL BE 1/2" OR 3/4" UPVC PIPE

SOIL AND WASTE PIPE

- SHALL BE 4" UPVC PIPE
- SHALL BE 4" UPVC PIPE
- SHALL BE 4" UPVC PIPE

VENT AND VENT STACK

- SHALL BE 4" UPVC PIPE
- SHALL BE 4" UPVC PIPE
- SHALL BE 4" UPVC PIPE

DOWNSPOUT

- SHALL BE 4" UPVC PIPE
- SHALL BE 4" UPVC PIPE
- SHALL BE 4" UPVC PIPE

STORM DRAINAGE SYSTEM

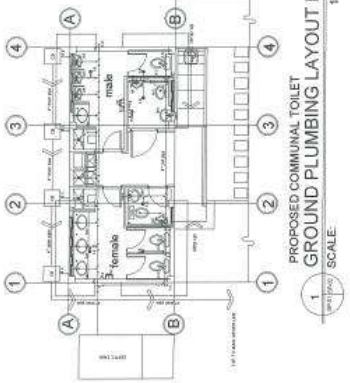
- SHALL BE 12" UPVC PIPE
- SHALL BE 12" UPVC PIPE
- SHALL BE 12" UPVC PIPE

PLUMBING LEGENDS

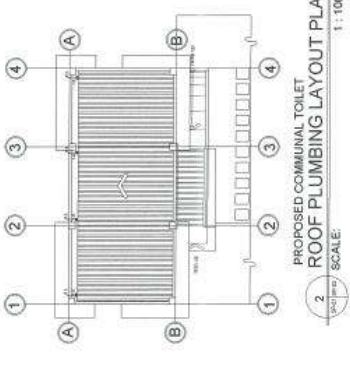
1/2"	FLOOR DRAIN
3/4"	ROOF DRAIN
1/2"	LAVATORY
1/2"	WATER CLOSET
1/2"	FIXTURE VENT
1/2"	VENT THRU CEILING
1/2"	CLEAN OUT
1/2"	DOWNSPOUT
1/2"	URINAL
1/2"	RAIN WATER DRAIN FLOW
1/2"	BRANCH VENT
1/2"	SEPTIC TANK

WATER LINE LEGENDS

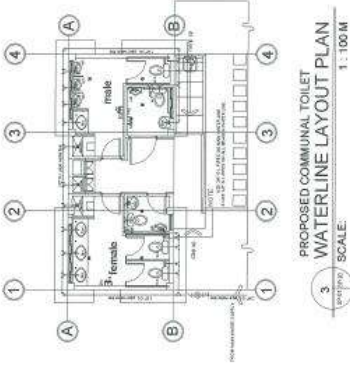
1/2"	LAVATORY
1/2"	WATER CLOSET
1/2"	HAND DRYER
1/2"	HAND SANITIZER
1/2"	URINAL
1/2"	FAUCET
1/2"	WATER LINE
1/2"	WATER METER
1/2"	CHECK VALVE
1/2"	GATE VALVE
1/2"	FROM MAIN WATER LINE



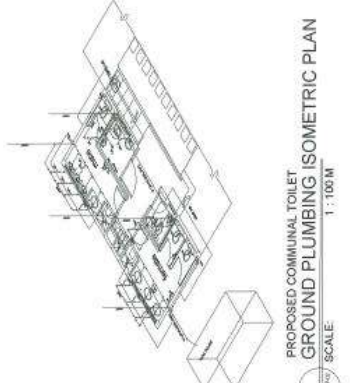
PROPOSED COMMUNAL TOILET
GROUND PLUMBING LAYOUT PLAN
SCALE: 1:100 M



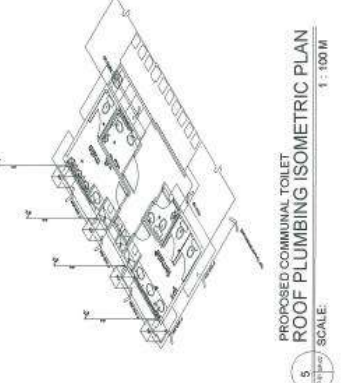
PROPOSED COMMUNAL TOILET
ROOF PLUMBING LAYOUT PLAN
SCALE: 1:100 M



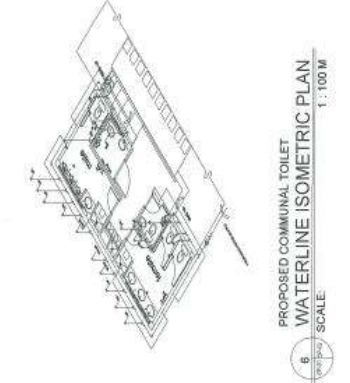
PROPOSED COMMUNAL TOILET
WATERLINE LAYOUT PLAN
SCALE: 1:100 M




PROPOSED COMMUNAL TOILET
GROUND PLUMBING ISOMETRIC PLAN
SCALE: 1:100 M



PROPOSED COMMUNAL TOILET
ROOF PLUMBING ISOMETRIC PLAN
SCALE: 1:100 M



PROPOSED COMMUNAL TOILET
WATERLINE ISOMETRIC PLAN
SCALE: 1:100 M



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AEROCROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL (DATE)

DESIGNED: E.S. (10/10/2018)

DRAWN: E.S.

PREPARED BY:

CHECKED AND VERIFIED:

RECOMMENDED APPROVAL:

APPROVE:

LT COL VALENTINO A. OCHOA (P/RETI)

ASSISTANT DIRECTOR ORIGINAL 1-4086

NOTES/REMARKS:

PROJECT: CONSTRUCTION OF COMMUNAL TOILET

LOCATION: LAOAG INTERNATIONAL AIRPORT

ADAG CITY, LAOAG NORTE

SHEET NO. 03

AS SHOWN

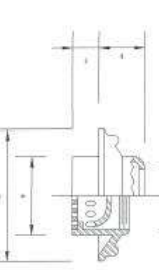
REMARKS:

PIPE SIZE (mm)	A	B	C	D	E
50	0.254	0.43	0.102	0.094	

PROPOSED COMMUNAL TOILET FLOOR DRAIN

SCALE: 1:100

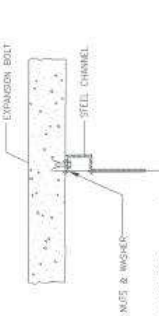
NTS



PROPOSED COMMUNAL TOILET CEILING CLEAN OUT

SCALE: 1:100

NTS



ISOMETRY

SECTION

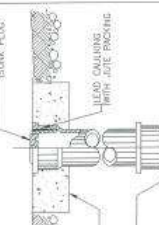
SCHEDULE OF DECK DRAIN

PIPE SIZE (mm)	B	C	D	OPEN AREA (mm²)	DESCRIPTION
75	322	300	138	22504	COVER TO JARDIN JKD-142

PROPOSED COMMUNAL TOILET FRONT ELEVATION

SCALE: 1:100

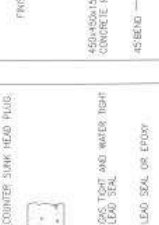
NTS



PROPOSED COMMUNAL TOILET ROOF DRAIN

SCALE: 1:100


NTS



PROPOSED COMMUNAL TOILET VENT THRU ROOF

SCALE: 1:100


NTS



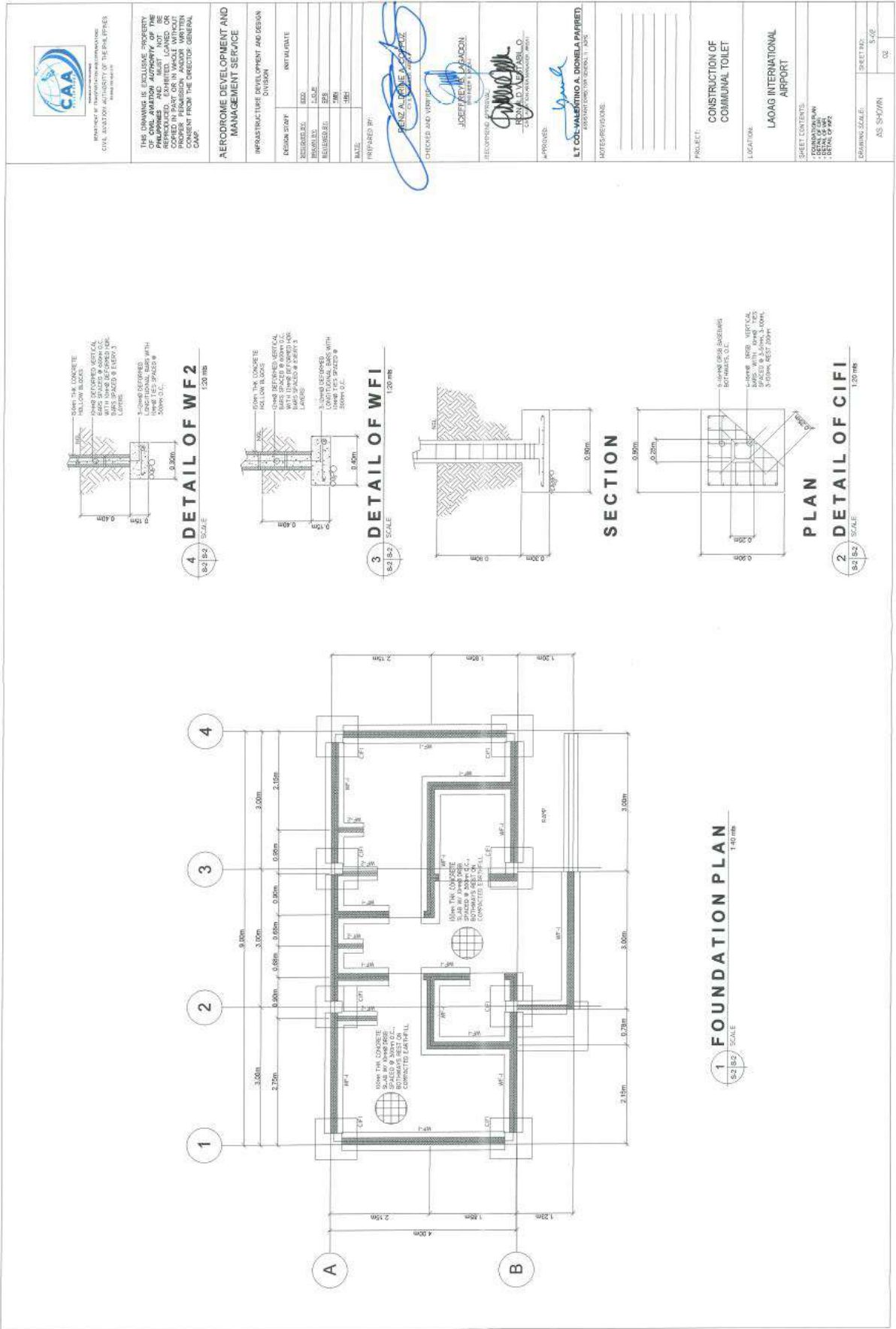
PROPOSED COMMUNAL TOILET PIPE HANGER

SCALE: 1:100

NTS



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CIVIL AVIATION AUTHORITY
MANILA

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AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DIVISION

DESIGN STAFF	INT. MARGULTE
DESIGNED BY	INT. MARGULTE
DESIGNED NO.	1000
DESIGNED DATE	10/01/2010
DESIGNED BY	INT. MARGULTE
DESIGNED NO.	1000
DESIGNED DATE	10/01/2010
DESIGNED BY	INT. MARGULTE
DESIGNED NO.	1000
DESIGNED DATE	10/01/2010
DESIGNED BY	INT. MARGULTE
DESIGNED NO.	1000
DESIGNED DATE	10/01/2010

PREPARED BY:
REVISAL: 01/01/2010

CHECKED AND VERIFIED:
JOSEPH E. LACSON

REVISIONS:
REVISAL: 01/01/2010

APPROVED:
LT COL. VALENTINO A. DIONELA (PAFRET)

NOTES/REVISIONS:

PROJECT:
CONSTRUCTION OF
COMMUNAL TOILET

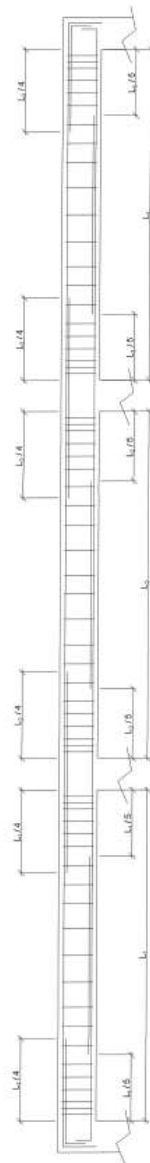
LOCATION:
LAOAG INTERNATIONAL
AIRPORT

SHEET CONTENTS:
FOUNDATION PLAN
SECTION
DETAIL OF CIFI
DETAIL OF WFI
DETAIL OF WFI

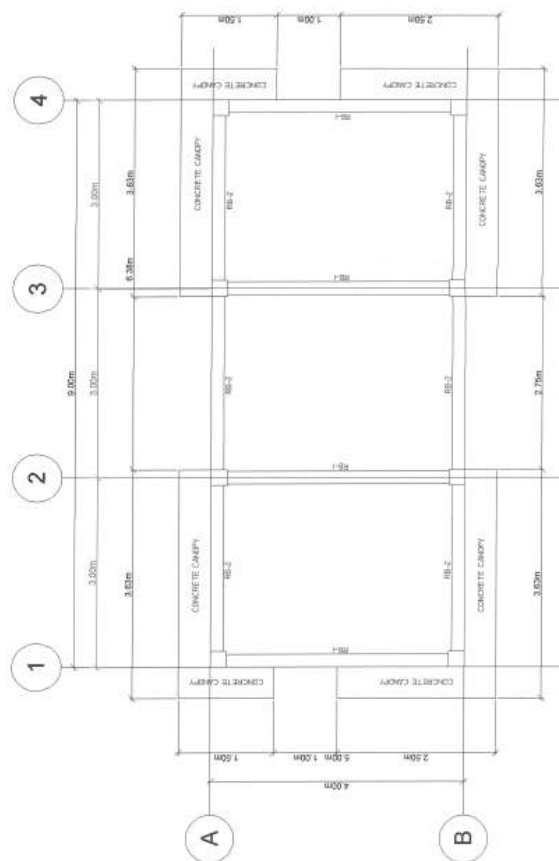
DRAWING SCALE:
AS SHOWN

SHEET NO.:
02

MARK	DIMENSION (MILLIMETERS)	BEAM SECTION				STIRRUPS (10mm @ 200mm)	LENGTH (METERS)	REMARKS	
		LEFT	COUNT	MID	COUNT				RIGHT
RB-1	200mm x 300mm		4 (Top Bar)			2 (Top Bar)	3-50mm x 3-100mm O.C TO CL REST 200mm O.C TO CL TIES: # 16 O.L. TIE WIRE	4.00 METERS CENTER TO CENTER	4.00 SETS VERIFY
RB-2	200mm x 300mm		4 (Top Bar)			2 (Top Bar)	3-50mm x 3-100mm x 3-50mm REST 200mm O.C TO CL TIES: # 16 O.L. TIE WIRE	3.00 METERS CENTER TO CENTER	8.00 SETS VERIFY



6 TYPICAL DETAIL OF ROOF BEAM



5 ROOF BEAM FRAMING PLAN



OFFICE OF THE ATTORNEY
DEPARTMENT OF TRANSPORTATION AND COMMERCE
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
MANILA, PHILIPPINES

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AERODROME DEVELOPMENT AND
MANAGEMENT SERVICEDEVELOPMENT AND DESIGN
DIVISION

DESIGN START	INITIAL DATE
DESIGNED BY	XXX
CHECKED BY	E.A.B.
DESIGNED BY	XXX
CHECKED BY	E.A.B.
DESIGNED BY	XXX
CHECKED BY	E.A.B.

11

RENZ ALDRINE A. CORRAZ

SCHEMATIC

JEFFREY B. AGADON

APPROXIMATELY

TRAVEL

STANLEY L. GREENGLASS
MANAGER, GREAT

1

ALENTINO A. DIOMEA A. PARENTI

Journal of Management Education 30(6) 789-800

546

1000

CONSTRUCTION OF
COMMUNAL TOILET

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6060 INTERNATIONAL

AIRPORT

NAME _____

OF BEAN/CANDE

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Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

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

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this ___ day of ___, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

Bid Form for the Procurement of Infrastructure Projects *[shall be submitted with the Bid]*

BID FORM

Date : _____
Project Identification No. : _____

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

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹ for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any

¹ currently based on GPPB Resolution No. 09-2020

other Bid that you may receive.

- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

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

Date: _____

Section IX. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

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

Technical Documents

- ☐ (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- ☐ (c) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**
- ☐ (d) 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**
- ☐ (e) 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**
- ☐ (f) 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**
- ☐ (g) 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

- ☐ (h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

- ☐ (i) 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

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

Other documentary requirements under RA No. 9184

- ☐ (k) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- ☐ (l) 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**
- ☐ (m) Cash Flow by Quarter.

