

PHILIPPINE BIDDING DOCUMENTS

CY 2022 – BASIC EDUCATION FACILITIES FUND (BEFF) – PRIORITY SCHOOL HEALTH FACILITIES PROGRAM (BATCH 1)

Government of the Republic of the Philippines



**Sixth Edition
August 2022**

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

Foreign-funded Procurement or Foreign-Assisted Project – Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid



Republic of the Philippines
Department of Education
Region V – Bicol
SCHOOLS DIVISION OFFICE
Camarines Norte

**INVITATION TO BID FOR CY 2022 – BASIC EDUCATION
FACILITIES FUND (BEFF) – PRIORITY SCHOOL HEALTH
FACILITIES PROGRAM (BATCH 1)**

1. The Department of Education (DepEd) Division of Camarines Norte, through the 2022 Government Appropriations Act (GAA) intends to apply the sum of One Million Three Hundred Fifty Thousand Fifty-One Pesos (₱ 1,350,051.00) being the Approved Budget for the Contract (ABC) to payments under the contract for CY 2022 – Basic Education Facilities Fund (BEFF) – Priority School Health Facilities Program (Batch 1). Bids received in excess of the ABC per lot shall be automatically rejected at bid opening.

Lot No.	Particulars	ABC	Contract Duration (calendar days)
1	Construction of Group Handwashing Facility – for Elementary (2) Two Sets One-Sided, without Roofing, with Counter with Tile Finish and Rain Water Collector (2) Two Sets with Connection and Tapping (L. Opeda Elementary School, San Vicente, Camarines Norte)	₱ 556,309.00	45
2	Repair of Classroom to be Used/Converted to Dental/Medical Clinic, Repainting of Communal CR (1) One set and Construction of Rain Water Collector (1) One Set with Connection and Taping (San Ramon Elementary School, San Lorenzo Ruiz, Camarines Norte)	₱ 793,742.00	45

2. The Department of Education (DepEd) Division of Camarines Norte now invites bids for the above Procurement Project. 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 BAC Office, Administrative Building, DepEd-Schools Division Office, Division of Camarines Norte, F. Pimentel Ave., Barangay II, Daet, Camarines Norte and inspect the Bidding Documents at the address given below from 8:00 AM to 5:00 PM.

5. A complete set of Bidding Documents may be acquired by interested bidders on August 2, 2022 to August 22, 2022 before eight thirty in the morning (8:30 AM) from given address 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 One- Thousand Pesos (₱ 1,000.00) each. The Procuring Entity shall allow the bidder to present its proof of payment for the fees personally.
6. The DepED Division of Camarines Norte will hold a Pre-Bid Conference on two o'clock in the afternoon (2:00 PM) of August 10, 2022 at Division Office Conference Hall, DepEd-Schools Division Office, Division of Camarines Norte, F. Pimentel Ave., Barangay II, Daet, Camarines Norte, 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 August 22, 2022, eight thirty in the morning (8:30 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 15.
9. Bid opening shall be on eight thirty in the morning (8:30 AM) of August 22, 2022 at Division Office Conference Hall, DepEd-Schools Division Office, Division of Camarines Norte, F. Pimentel Ave., Barangay II, Daet, Camarines Norte. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The DepEd-Division of Camarines Norte 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. The minutes of pre-bid conference and opening of bids shall be available to the public upon written request and payment of the minimal amount of One Hundred Pesos (₱ 100.00) per page.
12. For further information, please refer to:

Mrs. Herbie B. De Lemios or Mrs. Myla N. Deang
Department of Education-Division of Camarines Norte
F. Pimentel Avenue, Barangay II, Daet, Camarines Norte
Cellphone number: 09381854118 or 09486791264
E-mail Address: bac.camarinesnorte@deped.gov.ph

13. You may visit the following websites:

For downloading of Bidding Documents: <http://www.depedcamnorte.ph>

July 29, 2022

Sgd. MARIA FLORA T. PANDES
BAC Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, DepEd-Division of Camarines Norte invites Bids for the CY 2022 – Basic Education Facilities Fund (BEFF) – Priority School Health Facilities Program (Batch 1), with Project Identification Number INFRA02-08-2022CN.

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 FY 2022 in the amount of One Million Three Hundred Fifty Thousand Fifty-One Pesos (₱ 1,350,051.00).

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

3. Bidding Requirements

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

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

The Bidder, by the act of submitting its Bid, shall be deemed to have inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices

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

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be "similar" to the contract to be bid if it has the major categories of work stated in the **BDS**.
- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated Goods

There is no restriction on the origin of Goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN.

7. Subcontracts

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

The Procuring Entity has prescribed that subcontracting is not allowed.

- 7.2. 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 as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents Comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.
- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

11. Documents Comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Alternative Bids

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and

specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

13. Bid Prices

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

14. Bid and Payment Currencies

14.1. Bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

14.2. Payment of the contract price shall be made in Philippine Pesos.

15. Bid Security

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

15.2. The Bid and bid security shall be valid until one hundred twenty (120) calendar days. 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 three (3) copies 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.

The Procuring Entity does not allow the submission of bids through online submission to the given website or any other electronic means.

17. Deadline for Submission of Bids

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

18. Opening and Preliminary Examination of Bids

18.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present

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

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

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.

- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.

- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
5.2	<p>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.</p> <p>Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184 states that:</p> <p><i>“The prospective bidder must have completed an SLCC that is similar to the contract to be bid, and whose value, adjusted to current prices using the PSA consumer price indices, must be at least fifty percent (50%) of the ABC to be bid: Provided, however, That contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB. The 2016 Revised Implementing Rules and Regulations 61 For Foreign-funded Procurement, the GoP and the foreign government/foreign or international financing institution may agree on another track record requirement.</i></p> <p><i>Moreover, a contract shall be considered “similar” to the contract to be bid if it has the same major categories of work. The Procuring Entity may clarify in the Bidding Documents what is regarded as major categories of work.”</i></p> <p>With this, the contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB.</p> <p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be repair or construction of classroom or school health facilities or any words with the same meaning.</p>
7.1	Subcontracting is not allowed.
10.3	No further instructions.
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <ul style="list-style-type: none"> • Project Engineer • Materials Engineer • Safety Officer • General Foreman • Welder • Mason • Carpenter • Painter • Helper

	<p>As project requirement, under the list of contractor’s personnel to be assigned to the contract to be bid, the bidder must also employ different foreman and first aider in each contract/lot.</p> <p>For the first aider, the procuring entity requires copy of Certificate of Training with Red Cross Identification Card with validity or Certificate of Training from DOH. If the company employs Nurse or Medical Technologist as first aider, the bidder must attach their valid PRC license and certification that they are not permanently employed to any private or government office.</p> <p>The bidder must attach the Key Personnel’s Bio Data and clear copies of identification cards with the required training certificates.</p> <p>Original copies must be presented during Post-Qualification.</p> <p><u>Key Personnel</u> <u>General Experience</u> <u>Relevant Experience</u></p>
10.5	<p>The minimum major equipment requirements are the following:</p> <ul style="list-style-type: none"> • Hand Tools • Concrete Mixer • Welding Machine • Bar Cutter <p><u>Equipment</u> <u>Capacity</u> <u>Number of Units</u></p> <p>The bidder must attach the clear copies of major equipment’s receipts as proof of ownership or lease agreement.</p> <p>Original copies must be presented during Post-Qualification.</p>
11.0	If there is any discount in the amount offered by the contractor, the contractor should also indicate in the BID FORM the computed final amount in number and in words.
12	No further instructions.
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <ol style="list-style-type: none"> a. The amount of not less than 2% percent per lot as shown in paragraph 1 of IB, 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 5% percent per lot as shown in paragraph 1 of IB, if bid security is in Surety Bond.
19.2	Partial bid is not allowed.
20	None.
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.
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Section IV. General Conditions of Contract

1. **Scope of Contract**

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

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

2. **Sectional Completion of Works**

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

3. **Possession of Site**

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

Special Conditions of Contract

GCC Clause	
2	<i>[If different dates are specified for completion of the Works by section, i.e. “sectional completion,” these dates should be listed here.]</i>
4.1	<i>[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.]</i>
6	The site investigation reports are: <i>[list here the required site investigation reports.]</i>
7.2	Five (5) years.
10	Dayworks are applicable at the rate shown in the Contractor’s original Bid.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity’s Representative within <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	No further instructions.
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

Refer to the Section VII. Drawing and Section VII. Bill of Quantities

Section VII. Drawings

Section VIII. Bill of Quantities

CONTRACTORS HEADING

PROGRAM OF WORKS
BILL OF QUANTITIES
BEFF 2022 HEALTH FACILITY - RV - Camarines Norte - 001

School	: L. OPEDA ES	Date:	7/18/2022			
School I.D		Budget Allocation:	PHP 561,304.90			
Region	: V	Engineering and Administrative Overhead:				
Division	: CAMARINES NORTE	Approved Budget for the Contract:	PHP 561,304.90			
Project Title	:	Completion Period:	45 calendar days			
PROPOSED CONSTRUCTION OF GROUP HANDWASHING FACILITY - FOR ELEMENTARY (2) TWO SETS ONE - SIDED, WITHOUT ROOFING, WITH COUNTER WITH TILE FINISH) AND RAIN WATER COLLECTOR (2) TWO SETS W/ CONNECTION AND TAPPING		Minimum Required Manpower:				
		Project Engineer	Master Plumber			
		General Foreman				
		Laborer				
Location	: SAN VICENTE, CAMARINES NORTE	Minimum Required Equipment:				
		Hand Tools	Welding Machine			
		One-Bagger Mixer	Bar Cutter			
ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
I. DIRECT COST						
	GENERAL REQUIREMENTS		lot	1.00		
HANDWASHING FACILITY W/O ROOFING (A)						
1.000	Earthworks		sq.m	8.75		
2.000	Concreting Works		cu.m	2.30		
3.000	Rebar Works		kg	233.27		
4.000	Formworks		sq.m	13.89		
5.000	Masonry Works		sq.m	30.97		
11.000	Plumbing Works		lot	1.00		
13.000	Painting Works		sq.m	9.92		
14.000	Tile Works		sq.m	10.86		
	-		lot	1.00		
HANDWASHING FACILITY W/O ROOFING (B)						
1.000	Earthworks		sq.m	8.75		
2.000	Concreting Works		cu.m	2.30		
3.000	Rebar Works		kg	233.27		
4.000	Formworks		sq.m	13.89		
5.000	Masonry Works		sq.m	30.97		
11.000	Plumbing Works		lot	1.00		
13.000	Painting Works		sq.m	9.92		
14.000	Tile Works		sq.m	10.86		
	RAIN WATER COLLECTOR w/ CONNECTION AND TAPPING (B)		lot	1.00		
I. DIRECT COST						
II. INDIRECT COST 22% of (I)						
	Overhead Expenses (8%)					
	Contingencies (3%)					
	Miscellaneous (1%)					
	Contractor's Profit (10%)					
	Sub-Total					
III. TAX 5% of (I+II)						
	Sub-Total					
IV. TOTAL CONSTRUCTION COST (I + II + III)						

Prepared:

CONTRACTOR

CONTRACTORS HEADING

**PROGRAM OF WORKS
DETAILED COST ESTIMATE**

PROJECT **PROPOSED CONSTRUCTION OF GROUP HANDWASHING FACILITY - FOR ELEMENTARY (2) TWO SETS ONE - SIDED, WITHOUT ROOFING, WITH COUNTER WITH TILE FINISH) AND RAIN WATER COLLECTOR (2) TWO SETS W/ CONNECTION AND TAPPING**

SCHOOL : L. OPEDA ES

LOCATION : SAN VICENTE, CAMARINES NORTE

OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	GENERAL REQUIREMENTS							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Project Billboard	lot	1.00					
	Safety and Health	lot	1.00					
	Hauling Cost	lot	1.00					
	Sub-total							
	HANDWASHING FACILITY W/O ROOFING (A)							
	Earthworks							
	Clearing and Grubbing	sq.m	8.75					
	Structural Excavation	cu.m	2.86					
	Backfilling and Compaction	cu.m	2.19					
	Gravel Bedding G-1	cu.m	0.86					
	Soil Poisoning	sq m	9.63					
	Sub-total							
	Concreting Works							
	Column Footing	cu.m	0.58					
	Portland Cement	bag	6.00					
	Crushed Gravel 1"	cu.m	0.75					
	Washed Sand	cu.m	0.50					
	Wall Footing	cu.m	0.59					
	Portland Cement	bag	6.00					
	Crushed Gravel 3/4"	cu.m	0.75					
	Washed Sand	cu.m	0.50					
	Column (PC)	cu.m	0.14					
	Portland Cement	bag	2.00					
	Crushed Gravel 3/4"	cu.m	0.25					
	Washed Sand	cu.m	0.25					
	Beam	cu.m	0.33					
	Portland Cement	bag	3.00					
	Crushed Gravel 3/4"	cu.m	0.50					
	Washed Sand	cu.m	0.25					
	R. C. Platform (Above Partition Wall)	cu.m	0.10					
	Portland Cement	bag	1.00					
	Crushed Gravel 3/4"	cu.m	0.25					
	Washed Sand	cu.m	0.25					
	R. C. Concrete Counter	cu.m	0.40					
	Portland Cement	bag	4.00					
	Crushed Gravel 3/4"	cu.m	0.50					
	Washed Sand	cu.m	0.25					
	Lean Concrete	cu.m	0.16					
	Portland Cement	bag	2.00					
	Washed Sand	cu.m	0.25					
	Sub-total							
	Rebar Works							
	Column Footing	kg	25.37					
	Column (PC)	kg	26.70					
	Beam	kg	41.12					

	R. C. Concrete Counter	kg	53.40					
	Deformed Round Bars, Grade 40	kg	146.58					
	Wall Footing	kg	31.28					
	Column (PC)	kg	16.93					
	Beam	kg	25.15					
	R. C. Platform (Above Partition Wall)	kg	13.33					
	Deformed Round Bars, Grade 33	kg	86.68					
	G.I. Tie Wire	kg	5.00					
	Sub-total							
	Formworks							
	Column (PC)	sq.m	2.81					
	Coco Lumber	bd.ft	14.40					
	Plywood Ordinary, 1/4" x 4' x 8'	pc	1.00					
	CWN, Assorted	kg	1.00					
	Beam	sq.m	4.38					
	Coco Lumber	bd.ft	22.50					
	Plywood Ordinary, 1/4" x 4' x 8'	pc	1.00					
	CWN, Assorted	kg	1.00					
	R. C. Concrete Counter	sq.m	6.70					
	Coco Lumber	bd.ft	34.20					
	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					
	CWN, Assorted	kg	1.00					
	Sub-total							
	Masonry Works							
	Masonry Wall	sq.m	7.41					
	CHB 6" thk	pc	84.00					
	CHB 4" thk	pc	14.00					
	Portland Cement	bag	4.00					
	Washed Sand	cu.m	1.00					
	10mm x 6m RSB	kg	10.00					
	G.I. Tie Wire	kg	1.00					
	Plastering	sq.m	14.82					
	Portland Cement	bag	5.00					
	Washed Sand	cu.m	1.00					
	Floor Topping	sq.m	8.75					
	Portland Cement	bag	6.00					
	Washed Sand	cu.m	1.00					
	Sub-total							
	Plumbing Works							
	Water Line							
	Faucet, Hose Bibb, Brass 1/2"Ø	pc	10.00					
	PP-R Pipe 1"Ø x 4.0m	pc	8.00					
	PP-R Coupling, 1"Ø	pc	8.00					
	PP-R Elbow 90° x 1"Ø	pc	8.00					
	PP-R Tee Reducer, 1" x 1/2"Ø	pc	10.00					
	Female Adaptor 1/2"Ø	pc	10.00					
	PP-R End Cap, 1"Ø	pc	1.00					
	Gate Valve, 1"Ø	pc	1.00					
	Teflon Tape	roll	10.00					
	Drainage Line							
	PVC Sanitary Pipe 4"Ø x 3.0m	pc	5.00					
	PVC Sanitary Pipe 2"Ø x 3.0m	pc	5.00					
	PVC Sanitary Wye 4" x 4"	pc	1.00					
	PVC Sanitary Wye 4" x 2"	pc	6.00					
	PVC Sanitary Elbow 1/8 x 2"Ø	pc	6.00					
	PVC Sanitary Elbow 1/8 x 4"Ø	pc	1.00					
	PVC Sanitary Elbow 90° x 2"Ø	pc	8.00					
	PVC Sanitary Tee 2" x 2"	pc	11.00					
	Brass Cleanout 4" x 4"	pc	1.00					
	PVC P-Trap 2"	pc	6.00					
	SS 304, Strainer/ Drain 4" x 4"	set	6.00					
	PVC Cement	can	6.00					
	Sub-total							
	Painting Works							

	Concrete surfaces	sq.m	9.92					
	Neutralizer	gal	1.00					
	Latex, Flat	gal	1.00					
	Masonry Putty	gal	1.00					
	Latex, Semi Gloss	gal	1.00					
	Acri Color	qrt	1.00					
	Sub-total							
	Tile Works							
	Wall	sq.m	4.90					
	Granite Tiles 40cm x 40cm	pc	33.00					
	Tile Adhesive 25 kg/bag	bag	1.00					
	Tile Grout 5 kg/bag	bag	1.00					
	R.C. Counter	sq.m	5.96					
	Granite Tiles 40cm x 40cm	pc	40.00					
	Tile Adhesive 25 kg/bag	bag	2.00					
	Tile Trim 6mm	pc	3.00					
	Tile Grout 5 kg/bag	bag	1.00					
	Sub-total							
	RAIN WATER COLLECTOR w/ CONNECTION AND TAPPING (A)							
	Filter Tank/Rain Water Harvesting Tank							
	Gutter, Stainless, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	11.00					
	Teckscrew 2-1/2"	pc	50.00					
	Roof Sealant	L	2.00					
	1.0m x 1.0m x 1.0m Intermediate Bulk Container (IBC), 1000L Capacity with tube cage and pallet	pc	3.00					
	Washed Sand	cu.m	0.15					
	Pebbles, 5mm	cu.m	0.10					
	Pebbles, 10mm	cu.m	0.15					
	Granulated Carbon	cu.m	0.15					
	Crushed Gravel 3/4"	cu.m	0.15					
	PVC Sanitary Pipe 4"Ø x 3.0m	pc	14.00					
	PVC Sanitary Pipe 2"Ø x 3.0m	pc	1.50					
	CPVC Pipe 2" dia.	pcs	10.00					
	CPVC Pipe 1" dia.	pcs	30.00					
	PVC Sanitary Wye 4" x 4"	pc	7.00					
	PVC Sanitary Tee 4" x 4"	pc	1.00					
	PVC Sanitary Elbow 1/8 x 4"Ø	pc	6.00					
	PVC Sanitary Elbow 90° x 4"Ø	pc	11.00					
	PVC Sanitary Elbow 90° x 2"Ø	pc	9.00					
	PVC Sanitary Elbow 90° x 1"Ø	pc	2.00					
	Brass Cleanout 4" x 4"	pc	1.00					
	Gate Valve, 4" dia.	pcs	1.00					
	Gate Valve, 2"Ø	pc	4.00					
	Gate Valve, 1"Ø	pc	1.00					
	Check Valve, Horizontal, 1"Ø	pc	1.00					
	PVC Cement	can	2.00					
	50mm Vent Screen	pcs	3.00					
	Male adapter wit gasket and nuts	pcs	6.00					
	RWHT Support							
	L 100 x 100 x 6.0mm	kg	84.00					
	L 75 x 75 x 6mm	kg	311.69					
	L 65 x 65 x 6.0mm	kg	86.43					
	Steel Plate 1.20m x 2.40m x 6mm thk	pc	1.00					
	Welding Rod	kg	9.64					
	Primer, Zinc Chromate	gal	3.00					
	Pedestal/Footing	cu.m	0.09					
	Portland Cement	bag	1.00					
	Washed Sand	cu.m	0.25					
	Crushed Gravel 3/4"	cu.m	0.25					
	D10mm x 6.00 mts RSB	pc	3.00					
	D12mm x 6.00 mts RSB	pc	1.00					
	D16mm x 6.00 mts RSB	pc	1.00					

	G.I. Tie Wire	kg	0.45					
	Sub-Total							
	HANDWASHING FACILITY W/O ROOFING (B)							
	Earthworks							
	Clearing and Grubbing	sq.m	8.75					
	Structural Excavation	cu.m	2.86					
	Backfilling and Compaction	cu.m	2.19					
	Gravel Bedding G-1	cu.m	0.86					
	Soil Poisoning	sq.m	9.63					
	Sub-total							
	Concreting Works							
	Column Footing	cu.m	0.58					
	Portland Cement	bag	6.00					
	Crushed Gravel 1"	cu.m	0.75					
	Washed Sand	cu.m	0.50					
	Wall Footing	cu.m	0.59					
	Portland Cement	bag	6.00					
	Crushed Gravel 3/4"	cu.m	0.75					
	Washed Sand	cu.m	0.50					
	Column (PC)	cu.m	0.14					
	Portland Cement	bag	2.00					
	Crushed Gravel 3/4"	cu.m	0.25					
	Washed Sand	cu.m	0.25					
	Beam	cu.m	0.33					
	Portland Cement	bag	3.00					
	Crushed Gravel 3/4"	cu.m	0.50					
	Washed Sand	cu.m	0.25					
	R. C. Platform (Above Partition Wall)	cu.m	0.10					
	Portland Cement	bag	1.00					
	Crushed Gravel 3/4"	cu.m	0.25					
	Washed Sand	cu.m	0.25					
	R. C. Concrete Counter	cu.m	0.40					
	Portland Cement	bag	4.00					
	Crushed Gravel 3/4"	cu.m	0.50					
	Washed Sand	cu.m	0.25					
	Lean Concrete	cu.m	0.16					
	Portland Cement	bag	2.00					
	Washed Sand	cu.m	0.25					
	Sub-total							
	Rebar Works							
	Column Footing	kg	25.37					
	Column (PC)	kg	26.70					
	Beam	kg	41.12					
	R. C. Concrete Counter	kg	53.40					
	Deformed Round Bars, Grade 40	kg	146.58					
	Wall Footing	kg	31.28					
	Column (PC)	kg	16.93					
	Beam	kg	25.15					
	R. C. Platform (Above Partition Wall)	kg	13.33					
	Deformed Round Bars, Grade 33	kg	86.68					
	G.I. Tie Wire	kg	5.00					
	Sub-total							
	Formworks							
	Column (PC)	sq.m	2.81					
	Coco Lumber	bd.ft	14.40					
	Plywood Ordinary, 1/4" x 4' x 8'	pc	1.00					
	CWN, Assorted	kg	1.00					
	Beam	sq.m	4.38					
	Coco Lumber	bd.ft	22.50					
	Plywood Ordinary, 1/4" x 4' x 8'	pc	1.00					
	CWN, Assorted	kg	1.00					
	R. C. Concrete Counter	sq.m	6.70					
	Coco Lumber	bd.ft	34.20					
	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					

	CWN, Assorted	kg	1.00					
	Sub-total							
	Masonry Works							
	Masonry Wall	sq.m	7.41					
	CHB 6" thk	pc	84.00					
	CHB 4" thk	pc	14.00					
	Portland Cement	bag	4.00					
	Washed Sand	cu.m	1.00					
	10mm x 6m RSB	kg	10.00					
	G.I. Tie Wire	kg	1.00					
	Plastering	sq.m	14.82					
	Portland Cement	bag	5.00					
	Washed Sand	cu.m	1.00					
	Floor Topping	sq.m	8.75					
	Portland Cement	bag	6.00					
	Washed Sand	cu.m	1.00					
	Sub-total							
	Plumbing Works							
	Water Line							
	Faucet, Hose Bibb, Brass 1/2"Ø	pc	10.00					
	PP-R Pipe 1"Ø x 4.0m	pc	8.00					
	PP-R Coupling, 1"Ø	pc	8.00					
	PP-R Elbow 90° x 1"Ø	pc	8.00					
	PP-R Tee Reducer, 1" x 1/2"Ø	pc	10.00					
	Female Adaptor 1/2"Ø	pc	10.00					
	PP-R End Cap, 1"Ø	pc	1.00					
	Gate Valve, 1"Ø	pc	1.00					
	Teflon Tape	roll	10.00					
	Drainage Line							
	PVC Sanitary Pipe 4"Ø x 3.0m	pc	5.00					
	PVC Sanitary Pipe 2"Ø x 3.0m	pc	5.00					
	PVC Sanitary Wye 4" x 4"	pc	1.00					
	PVC Sanitary Wye 4" x 2"	pc	6.00					
	PVC Sanitary Elbow 1/8 x 2"Ø	pc	6.00					
	PVC Sanitary Elbow 1/8 x 4"Ø	pc	1.00					
	PVC Sanitary Elbow 90° x 2"Ø	pc	8.00					
	PVC Sanitary Tee 2" x 2"	pc	11.00					
	Brass Cleanout 4" x 4"	pc	1.00					
	PVC P-Trap 2"	pc	6.00					
	SS 304, Strainer/ Drain 4" x 4"	set	6.00					
	PVC Cement	can	6.00					
	Sub-total							
	Painting Works							
	Concrete surfaces	sq.m	9.92					
	Neutralizer	gal	1.00					
	Latex, Flat	gal	1.00					
	Masonry Putty	gal	1.00					
	Latex, Semi Gloss	gal	1.00					
	Acri Color	qrt	1.00					
	Sub-total							
	Tile Works							
	Wall	sq.m	4.90					
	Granite Tiles 40cm x 40cm	pc	33.00					
	Tile Adhesive 25 kg/bag	bag	1.00					
	Tile Grout 5 kg/bag	bag	1.00					
	R.C. Counter	sq.m	5.96					
	Granite Tiles 40cm x 40cm	pc	40.00					
	Tile Adhesive 25 kg/bag	bag	2.00					
	Tile Trim 6mm	pc	3.00					
	Tile Grout 5 kg/bag	bag	1.00					
	Sub-total							
	RAIN WATER COLLECTOR w/ CONNECTION AND TAPPING (B)							
	Filter Tank/Rain Water Harvesting Tank							

	Gutter, Stainless, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	11.00					
	Teckscrew 2-1/2"	pc	50.00					
	Roof Sealant	L	2.00					
	1.0m x 1.0m x 1.0m Intermediate Bulk Container (IBC), 1000L Capacity with tube cage and pallet	pc	3.00					
	Washed Sand	cu.m	0.15					
	Pebbles, 5mm	cu.m	0.10					
	Pebbles, 10mm	cu.m	0.15					
	Granulated Carbon	cu.m	0.15					
	Crushed Gravel 3/4"	cu.m	0.15					
	PVC Sanitary Pipe 4"Ø x 3.0m	pc	14.00					
	PVC Sanitary Pipe 2"Ø x 3.0m	pc	1.50					
	CPVC Pipe 2" dia.	pcs	10.00					
	CPVC Pipe 1" dia.	pcs	30.00					
	PVC Sanitary Wye 4" x 4"	pc	7.00					
	PVC Sanitary Tee 4" x 4"	pc	1.00					
	PVC Sanitary Elbow 1/8 x 4"Ø	pc	6.00					
	PVC Sanitary Elbow 90° x 4"Ø	pc	11.00					
	PVC Sanitary Elbow 90° x 2"Ø	pc	9.00					
	PVC Sanitary Elbow 90° x 1"Ø	pc	2.00					
	Brass Cleanout 4" x 4"	pc	1.00					
	Gate Valve, 4" dia.	pcs	1.00					
	Gate Valve, 2"Ø	pc	4.00					
	Gate Valve, 1"Ø	pc	1.00					
	Check Valve, Horizontal, 1"Ø	pc	1.00					
	PVC Cement	can	2.00					
	50mm Vent Screen	pcs	3.00					
	Male adapter wit gasket and nuts	pcs	6.00					
	RWHT Support							
	L 100 x 100 x 6.0mm	kg	84.00					
	L 75 x 75 x 6mm	kg	311.69					
	L 65 x 65 x 6.0mm	kg	86.43					
	Steel Plate 1.20m x 2.40m x 6mm thk	pc	1.00					
	Welding Rod	kg	9.64					
	Primer, Zinc Chromate	gal	3.00					
	Pedestal/Footing	cu.m	0.09					
	Portland Cement	bag	1.00					
	Washed Sand	cu.m	0.25					
	Crushed Gravel 3/4"	cu.m	0.25					
	D10mm x 6.00 mts RSB	pc	3.00					
	D12mm x 6.00 mts RSB	pc	1.00					
	D16mm x 6.00 mts RSB	pc	1.00					
	G.I. Tie Wire	kg	0.45					
	Sub-Total							
I.	DIRECT COST							
II.	INDIRECT COST 22% of (I - Gen. Req.)							
III.	TAX 5% of (I + II)							
IV.	TOTAL CONSTRUCTION COST (I + II + III)							

Prepared by:

CONTRACTOR

CONTRACTORS HEADING

PROGRAM OF WORKS
BILL OF QUANTITIES
BEFF 2022 HEALTH FACILITY - RV - Camarines Norte - 002

School	: SAN RAMON ES		Date:	7/18/2022			
School I.D			Budget Allocation:	PHP 793,742.00			
Region	: V		Engineering and Administrative Overhead:				
Division	: CAMARINES NORTE		Approved Budget for the Contract:	PHP 793,742.00			
Project Title	:		Completion Period:	45 calendar days			
PROPOSED REPAIR OF CLASSROOM TO BE USED/ CONVERTED TO DENTAL/ MEDICAL CLINIC, REPAINTING OF COMMUNAL CR (1) ONE SET AND CONSTRUCTION OF RAIN WATER COLLECTOR (1) ONE SETW/ CONNECTION AND TAPPING			Minimum Required Manpower:				
			Project Engineer	Master Plumber			
			General Foreman				
			Laborer				
Location	: SAN LORENZO RUIZ, CAMARINES NORTE		Minimum Required Equipment:				
			Hand Tools	Welding Machine			
			One-Bagger Mixer	Bar Cutter			
ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks	
	I. DIRECT COST						
	GENERAL REQUIREMENTS		lot	1.00			
	DENTAL / MEDICAL CLINIC (7x9)						
5.000	Masonry Works		sq.m	150.00			
6.000	Doors and Windows		set	5.00			
9.000	Carpentry works		sq.m	79.04			
10.000	Electrical Works		lot	1.00			
11.000	Plumbing Works		lot	1.00			
12.000	Sanitary Works		lot	1.00			
13.000	Painting Works		sq.m	350.00			
14.000	Tile Works		sq.m	75.54			
	COMMUNAL CR (1) ONE SET						
13.000	Painting Works		sq.m	99.00			
	RAIN WATER COLLECTOR (1) ONE SET W/ CONNECTION AND TAPPING		lot	1.00			
	Sub-Total						
	I. DIRECT COST						
	II. INDIRECT COST 22% of (I)						
	Overhead Expenses (8%)						
	Contingencies (3%)						
	Miscellaneous (1%)						
	Contractor's Profit (10%)						
	Sub-Total						
	III. TAX 5% of (I+II)						
	Sub-Total						
	IV. TOTAL CONSTRUCTION COST (I + II + III)						

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CONTRACTORS HEADING

**PROGRAM OF WORKS
DETAILED COST ESTIMATE**

PROJECT **PROPOSED REPAIR OF CLASSROOM TO BE USED/ CONVERTED TO DENTAL/ MEDICAL CLINIC, REPAINTING OF COMMUNAL CR (1) ONE SET AND CONSTRUCTION OF RAIN WATER COLLECTOR (1) ONE SETW/ CONNECTION AND TAPPING**

SCHOOL : SAN RAMON ES
LOCATION : SAN LORENZO RUIZ, CAMARINES NORTE
OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	GENERAL REQUIREMENTS							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Project Billboard	lot	1.00					
	Safety and Health	lot	1.00					
	Hauling Cost	lot	1.00					
	Sub-total							
	DENTAL / MEDICAL CLINIC (7x9)							
	Masonry Works							
	Masonry Wall	sq.m	50.00					
	CHB 4" thk	pc	626.00					
	Portland Cement	bag	27.00					
	Washed Sand	cu.m	2.44					
	10mm x 6m RSB	kg	68.43					
	G.I. Tie Wire	kg	2.44					
	Plastering	sq.m	100.00					
	Portland Cement	bag	35.00					
	Washed Sand	cu.m	4.89					
	Sub-total							
	Doors and Windows							
	D-1, Flush Door 0.90m x 2.10m on 100mm Wooden Jamb complete with Accessories (lever type door knob)	set	3.00					
	D-3, (0.70m x 2.10m) Flush Door	set	2.00					
	Entrance, Barrel Bolt Lockset Complete Set (Fabricated)	set	2.00					
	Entrance, Lockset Standard	set	5.00					
	Sub-total							
	Carpentry works							
	Interior Ceiling	sq.m	56.00					
	Removal of Ceiling	sq.m	56.00					
	Plywood, Marine 1/4" x 4' x 8'	pc	19.50					
	50 mm x 50 mm Ceiling Joist	bd.ft	113.74					
	50 mm x 75 mm Ceiling Joist	bd.ft	206.71					
	Rough Lumber, Sun Dried, Tanguile	bd.ft	320.45					
	Finishing Nails	kg	1.50					
	CWN, Assorted	kg	5.50					
	Concrete Nails	kg	1.50					
	Wood Preservative, Brown	L	2.00					
	Exterior Ceiling	sq m	23.04					
	Removal of Ceiling	sq.m	23.04					
	Plywood, Marine 1/4" x 4' x 8'	pc	8.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	74.37					
	50 mm x 75 mm Ceiling Joist	bd.ft	81.34					
	Rough Lumber, Sun Dried, Tanguile	bd.ft	155.71					
	Finishing Nails	kg	0.50					
	CWN, Assorted	kg	3.00					
	Concrete Nails	kg	0.50					

	Wood Preservative, Brown	L	1.00					
	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	2.00					
	Sub-total							
	Electrical Works							
	Roughing-ins							
	Electrical Conduit uPVC, 20mmØ	pc	34.00					
	Electrical Conduit uPVC, 25mmØ	pc	4.00					
	RSC 25mmØ	pc	6.00					
	Junction Box, 4" x 4" G.I.	pc	16.00					
	Utility Box, 2" x 4" G.I.	pc	19.00					
	Wires & Fixtures							
	14.0 mm ² THHN Wire, Stranded	m	36.00					
	8.0 mm ² THHN Wire, Stranded	m	16.00					
	3.5 mm ² THHN Wire, Stranded	m	206.00					
	5.5 mm ² TW(G) Wire, Stranded	m	18.00					
	3.5 mm ² TW(G) Wire, Stranded	m	50.00					
	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	12.00					
	Aircon Outlet with Plate	pc	1.00					
	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	2.00					
	2 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	3.00					
	FL 2 x 40W Industrial Type	set	14.00					
	1 -18W, 230V, 60Hz AC, Compact Fluorescent Lighting Fixture with Medium Base Keyless Type Porcelain Receptacle	set	1.00					
	Panel Box, Flush Type, 4 Branches	set	1.00					
	Circuit Breaker, 20A 2P	set	3.00					
	Circuit Breaker, 50A 2P	set	1.00					
	Circuit Breaker, 70A 2P	set	1.00					
	Electrical Tape	pc	5.00					
	Sub-total							
	Plumbing Works							
	Lavatory, Including Fittings and Accessories	set	1.00					
	Faucet	set	4.00					
	S.S. Sink with Strainer and P-Trap	set	2.00					
	Water Closet 1.6gpf with Accessories	set	1.00					
	Water Closet Flange	set	1.00					
	PP-R Pipe 1"Ø x 4.0m	pc	6.00					
	PP-R Pipe 3/4"Ø x 4.0m	pc	5.00					
	PP-R Elbow 90° x 1"Ø	pc	2.00					
	PP-R Elbow 90° x 3/4"Ø	pc	5.00					
	PP-R Elbow Reducer, 1" x 3/4"Ø	pc	1.00					
	PP-R Tee, 3/4"Ø	pc	9.00					
	PP-R Plug, 1"Ø	pc	4.00					
	Gate Valve, 1"Ø	pc	2.00					
	Gate Valve, 3/4"Ø	pc	3.00					
	Teflon Tape	roll	3.00					
	PVC Sanitary Pipe 4"Ø x 3.0m	pc	11.00					
	PVC Sanitary Pipe 2"Ø x 3.0m	pc	8.00					
	PVC Sanitary Pipe 1"Ø x 3.0m	pc	3.00					
	PVC Sanitary Wye 4" x 4"	pc	2.00					
	PVC Sanitary Wye Reducer 4" x 2"	pc	5.00					
	PVC Elbow ½ x 4"Ø	pc	4.00					
	PVC Elbow ½ x 2"Ø	pc	7.00					
	PVC Sanitary Elbow 90° x 2"Ø	pc	9.00					
	PVC Elbow 90° x 1"Ø	pc	1.00					
	PVC Sanitary Tee Reducer 4" x 2"	pc	3.00					
	PVC Sanitary Tee 2" x 2"	pc	2.00					
	PVC P-Trap 2"	pc	3.00					

	Brass Cleanout 4" x 4"	pc	2.00						
	PVC Cement	can	5.00						
	S.S. Floor Drain 4" x 4"	set	3.00						
	Mirror	sq.ft	28.53						
	Sub-total								
	Sanitary Works								
	Two Chamber Septic Vault	unit	1.00						
	PVC Sanitary Pipe 4"Ø x 3.0m	pc	5.00						
	PVC Sanitary Pipe 2"Ø x 3.0m	pc	10.00						
	PVC Sanitary Elbow 90° x 4"Ø	pc	4.00						
	PVC Sanitary Elbow 90° x 2"Ø	pc	8.00						
	PVC Sanitary Elbow 1/8 x 2"Ø	pc	8.00						
	PVC Sanitary Elbow 1/8 x 4"Ø	pc	4.00						
	PVC Sanitary Wye 4" x 4"	pc	2.00						
	PVC Sanitary Wye 2" x 2"	pc	4.00						
	Brass Cleanout 4" x 4"	pc	2.00						
	Brass Cleanout 2" x 2"	pc	4.00						
	PVC P-Trap 4"	pc	1.00						
	PVC P-Trap 2"	pc	2.00						
	PVC Cement	can	8.00						
	Sub-total								
	Painting Works								
	Concrete surfaces	sq.m	165.00						
	Neutralizer	gal	6.00						
	Latex, Flat	gal	10.00						
	Masonry Putty	gal	10.00						
	Latex, Semi Gloss	gal	10.00						
	Acri Color	qrt	6.00						
	Wood surfaces	sq.m	50.00						
	Enamel, Flatwall	gal	6.00						
	Glazing Putty	gal	6.00						
	Enamel, Semi Gloss	gal	6.00						
	Paint Thinner	gal	3.00						
	Roofing and Steel surfaces	sq.m	135.00						
	Primer, Zinc Chromate	gal	6.00						
	Primer, Epoxy	gal	6.00						
	Primer, Red Oxide	gal	6.00						
	Gloss Acrylic Paint	gal	3.00						
	Sub-total								
	Tile Works								
	Wall	sq.m	12.54						
	Glazed Wall Tiles 60cm x 60cm	pc	36.00						
	Tile Adhesive 25 kg/bag	bag	3.00						
	Tile Trim 6mm	pc	3.00						
	Tile Grout 5 kg/bag	bag	1.00						
	Flooring	sq.m	63.00						
	Unglazed Floor Tiles 60cm x 60cm	pc	181.00						
	Tile Trim 6mm	pc	12.00						
	Tile Grout 5 kg/bag	bag	5.00						
	Sub-total								
	COMMUNAL CR (1) ONE SET								
	Painting Works								
	Concrete surfaces	sq.m	45.00						
	Neutralizer	gal	1.00						
	Latex, Flat	gal	2.00						
	Masonry Putty	gal	1.00						
	Latex, Semi Gloss	gal	2.00						
	Acri Color	qrt	1.00						
	Wood surfaces	sq.m	24.00						
	Enamel, Flatwall	gal	1.00						
	Glazing Putty	gal	1.00						
	Enamel, Semi Gloss	gal	1.00						
	Paint Thinner	gal	1.00						
	Roofing and Steel surfaces	sq.m	30.00						

	Primer, Zinc Chromate	gal	2.00				
	Primer, Epoxy	gal	2.00				
	Primer, Red Oxide	gal	2.00				
	Gloss Acrylic Paint	gal	2.00				
	Sub-total						
RAIN WATER COLLECTOR (1) ONE SET W/ CONNECTION AND TAPPING							
	Filter Tank/Rain Water Harvesting Tank						
	Gutter, Stainless, Ordinary, 0.610m x 2.440m x 0.4mm thk	pc	8.00				
	Teckscrew 2-3/4"	pc	50.00				
	Roof Sealant	L	2.00				
	1.0m x 1.0m x 1.0m Intermediate Bulk Container (IBC), 1000L Capacity with tube cage and pallet	pc	3.00				
	Washed Sand	cu.m	0.15				
	Pebbles, 5mm	cu.m	0.10				
	Pebbles, 10mm	cu.m	0.15				
	Granulated Carbon	cu.m	0.15				
	Crushed Gravel 3/4"	cu.m	0.15				
	PVC Sanitary Pipe 4"Ø x 3.0m	pc	16.00				
	PVC Sanitary Pipe 2"Ø x 3.0m	pc	5.00				
	CPVC Pipe 2" dia.	pcs	21.00				
	CPVC Pipe 1" dia.	pcs	55.00				
	PVC Sanitary Wye 4" x 4"	pc	6.00				
	PVC Sanitary Tee 4" x 4"	pc	1.00				
	PVC Sanitary Elbow 1/8 x 4"Ø	pc	6.00				
	PVC Sanitary Elbow 90° x 4"Ø	pc	10.00				
	PVC Sanitary Elbow 90° x 2"Ø	pc	7.00				
	PVC Sanitary Elbow 90° x 1"Ø	pc	2.00				
	Brass Cleanout 4" x 4"	pc	1.00				
	Gate Valve, 4" dia.	pcs	1.00				
	Gate Valve, 2"Ø	pc	2.00				
	Gate Valve, 1"Ø	pc	1.00				
	Check Valve, Horizontal, 1"Ø	pc	1.00				
	PVC Cement	can	2.00				
	50mm Vent Screen	pcs	3.00				
	Male adapter wit gasket and nuts	pcs	6.00				
	RWHT Support						
	L 100 x 100 x 6.0mm	kg	84.00				
	L 75 x 75 x 6mm	kg	311.69				
	L 65 x 65 x 6.0mm	kg	86.43				
	Steel Plate 1.20m x 2.40m x 6mm thk	pc	1.00				
	Welding Rod	kg	9.64				
	Primer, Zinc Chromate	gal	3.00				
	Pedestal/Footing	cu.m	0.09				
	Portland Cement	bag	1.00				
	Washed Sand	cu.m	0.25				
	Crushed Gravel 3/4"	cu.m	0.25				
	D10mm x 6.00 mts RSB	pc	3.00				
	D12mm x 6.00 mts RSB	pc	1.00				
	D16mm x 6.00 mts RSB	pc	1.00				
	G.I. Tie Wire	kg	0.45				
	Sub-Total						

I.	DIRECT COST							
II.	INDIRECT COST 22% of (I - Gen. Req.)							
III.	TAX 5% of (I + II)							
IV.	TOTAL CONSTRUCTION COST (I + II + III)							

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Section IX. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Technical Documents

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

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

Financial Documents

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

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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

