Republic of the Philippines
City of Cagayan de Oro
BIDS & AWARDS COMMITTEE

BIDDING DOCUMENTS

Completion of 42-Classrooms, 4 Storey w/ Roof Deck Phase 2 Cugman National High School, Cugman; SN 12a - 2026

Contract/Project Name

Cugman, Cagayan de Oro City
Project Location

City Government of Cagayan de Oro
Procuring Entity

City Engineer's Office
Implementing Office

Date of Issue: 12 March 2026

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TABLE OF CONTENTS

Glossary of Terms, Abbreviations, and Acronyms....4
Section I. Invitation to Bid....7
Section II. Instructions to Bidders....10
1. Scope of Bid....11
2. Funding Information....11
3. Bidding Requirements....11
4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices....11
5. Eligible Bidders....12
6. Origin of Associated Goods....12
7. Subcontracts....12
8. Pre-Bid Conference....12
9. Clarification and Amendment of Bidding Documents....12
10. Documents Comprising the Bid: Eligibility and Technical Components....13
11. Documents Comprising the Bid: Financial Component....13
12. Alternative Bids....13
13. Bid Prices....14
14. Bid and Payment Currencies....14
15. Bid Security....14
16. Sealing and Marking of Bids....14
17. Deadline for Submission of Bids....14
18. Opening and Preliminary Examination of Bids....15
19. Detailed Evaluation and Comparison of Bids....15
20. Post Qualification....15
21. Signing of the Contract....15
Section III. Bid Data Sheet....16
Section IV. General Conditions of Contract....19
1. Scope of Contract....20
2. Sectional Completion of Works....20
3. Possession of Site....20
4. The Contractor's Obligations....20
5. Performance Security....20
6. Site Investigation Reports....21

7. Warranty....21
8. Liability of the Contractor....21
9. Termination for Other Causes....21
10. Dayworks....21
11. Program of Work....22
12. Instructions, Inspections and Audits....22
13. Advance Payment....22
14. Progress Payments....22
15. Operating and Maintenance Manuals....22

Section V. Special Conditions of Contract.... 24

Section VI. Specifications.... 26

Section VII. Drawings.... 29

Section VIII. Bill of Quantities.... 39

Section IX. Checklist of Technical and Financial Documents.... 40

Glossary of
Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid

INVITATION TO BID
FOR
Completion of 42-Classrooms, 4 Storey w/ Roof Deck Phase 2 Cugman National High School, Cugman; SN 12a - 2026

1. The City Government of Cagayan de Oro, through the Current Appropriation, Supplemental Budget No. 1 CY 2025, Local School Board - Special Education Fund - Secondary Education - Capital Outlay - School Buildings - Construction, Repair and Rehabilitation of School Buildings and other Facilities intends to apply the sum of Nine Million Nine Hundred Ninety Nine Thousand Nine Hundred Sixty Nine and 80/100 (PhP9,999,969.80) being the Approved Budget for the Contract (ABC) to payments under the contract for Completion of 42-Classrooms, 4 Storey w/ Roof Deck Phase 2 Cugman National High School, Cugman; SN 12a - 2026. Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The City Government of Cagayan de Oro now invites bids for the above Procurement Project. Completion of the Works is required One Hundred Thirty Three (133) 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 City Government of Cagayan de Oro and inspect the Bidding Documents at the address given below from office hours of 12 March 2026 to 12:00 noon of 08 April 2026.

5. A complete set of Bidding Documents may be acquired by interested bidders on office hours of 12 March 2026 to 12:00 noon of 08 April 2026 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 Ten Thousand Pesos (PhP10,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees by furnishing the BAC with the original copy of the Official Receipt issued by the City Treasurer's Office.

6. The City Government of Cagayan de Oro will hold a Pre-Bid Conference on 19 March 2026; 2:00 P.M at Bids and Awards Committee Conference Room, 3rd Floor

Administrative Building, City Hall, Cagayan de Oro City which shall be open to prospective bidders.

7. Bids must be duly received by the BAC Secretariat at the address below between 1:00 P.M. - 2:00 P.M. of 08 April 2026. 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 08 April 2026; 2:00 P.M at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. The City Government of Cagayan de Oro 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:

    Mr. Antonio Ramon S. Resma, Jr.
    Head of the BAC Secretariat
    3rd Floor Administrative Building, City Hall,
    Cagayan de Oro City
    Tel No. (088) – 857-3147

12. You may visit the following websites:

    For downloading of Bidding Documents: www.cagayandero.gov.ph/www.philgeps.gov.ph

ATTY. JOEFFREY D. NAMALATA
BAC Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, City Government of Cagayan de Oro invites Bids for the Completion of 42-Classrooms, 4 Storey w/ Roof Deck Phase 2 Cugman National High School, Cugman; SN 12a - 2026.

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 Current Appropriation, Supplemental Budget No. 1 CY 2025, Local School Board - Special Education Fund - Secondary Education - Capital Outlay - School Buildings - Construction, Repair and Rehabilitation of School Buildings and other Facilities in the amount of Nine Million Nine Hundred Ninety Nine Thousand Nine Hundred Sixty Nine and 80/100 (PhP9,999,969.80)

2.2. The source of funding is: LGUs, the Annual Budget 2025, as approved by the Sanggunian

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.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time 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 special PCAB License in case of Joint Ventures, 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 **05 August 2026**. 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

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: Construction of Classrooms, and may include any or all of the following: Anxillary/Restoration Works, Pump and Genset House, Concrete Box for Pipe, PWD Ramp & Railings, Plumbing and Electrical Works, Fire Alarm System & Ground Leveling, Steel Court Partititon, Electric Room Enclosure, Production Well Development and Logo and Signages.
7.1	Subcontracting is not allowed
10.3	No further instructions.
10.4	The key personnel must meet the required minimum years of experience set below: <u>Key Personnel</u> <u>General Experience</u> <u>Relevant Experience</u> Project Engineer (1) Materials Engineer (1) Foreman (1) Skilled Personnel (15) Unskilled Personnel (25) First Aider (1) Safety Officer (1)
10.5	The minimum major equipment requirements are the following: <u>Equipment</u> <u>Capacity</u> <u>Number of Units</u> Backhoe 1 Drilling Machine 1 1-Bagger Mixer 1 Welding Machine 2 Plate Compactor 1 Electric Drill 2 Grinder 2 Concrete Vibrator 1 Bar Cutter 1 Bar Bender 1
12	No further instructions.
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 2% of ABC, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit**; b. **The amount of not less than 5% of ABC if bid security is in Surety Bond.**
19.2	Partial bid is not allowed. The infrastructure project is packaged in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.

20	**Only tax returns filed and taxes paid through the BIR Electronic Filing and Payment System (EFPS) shall be accepted.** **NOTE: The latest income and business tax returns are those within the last six months preceding the date of bid submission.**
21	**Additional contract documents relevant to the Project:** **1. Construction Schedule and S-Curve;** **2. Manpower Schedule;** **3. Construction Methods;** **4. Equipment Utilization Schedule;** **5. Construction Safety and Health Program Approved By The Department Of Labor And Employment; and** **6. PERT/CPM.**

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	The **Intended Completion Date** is *[Insert date].*
4.1	The **Procuring Entity** shall give possession of all parts of the Site to the Contractor on *[insert date].*
6	The site investigation reports are: **None**
7.2	**Fifteen (15) years.**
10	**No day works are applicable to the contract.**
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within **Twenty (20) 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 **PhP25,000.00**.
13	**The amount of the advance payment is Fifteen (15%) of the total contract price.**
14	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 upon the request of the Procuring Entity. The date by which "as built" drawings are required is upon the request of the Procuring Entity for the Progress and Final Billing.
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 **Twenty Five Thousand Pesos (PhP25,000.00).**

Section VI. Specifications

Republic of the Philippines
CITY OF CAGAYAN DE ORO
Department of Engineering & Public Works
OFFICE OF THE CITY ENGINEER

PROJECT : **COMPLETION OF 42 CLASSROOMS, 4-STOREY WITH ROOFDECK (PHASE 2) CUGMAN NAT'L. HIGH SCHOOL**
LOCATION : **CUGMAN, CAGAYAN DE ORO CITY**
SUBJECT : **GENERAL SPECIFICATIONS**

SECTION : GENERAL CONDITIONS

1.01 General Scope of Works
The general scope of works under this project comprises the furnishing of materials, labor, tools and equipment and to faithfully perform necessary supervision and services to properly conduct and produce the desired work in a most substantial and workmanlike manner.

1.02 The contractor shall provide at least one (1) Project Engineer to monitor and supervise the daily construction activities.

1.03 All materials to be used herein shall conform to Standard Specifications of Public Works and Highways 1988 to latest Edition, the Philippine Standard and the 0National Electrical Code and to strictly comply with the schedule of minimum Testing requirements.

1.04 Sampling of fresh concrete and all materials incorporated into work shall be done at jobsite or as permitted by the Material Engineer.

1.05 Drawings and specifications shall be considered coordinative. Anything not shown in the plans/drawings but specified herein after or vice versa shall have the same effect.

ITEM 803 : STRUCTURE EXCAVATION

Description
This item shall consist of the necessary excavation for foundations, under drains, septic vaults and other structures not otherwise provided for in the specifications.
This item shall include necessary directing of river streams, bailing, pumping, draining, sheeting, bracing and the necessary construction of cribs, cofferdams and furnishing the material therefore, and the subsequent removal of cribs and cofferdams and the placing of all necessary backfill and or foundation fill materials to replace unsuitable material encountered.

Construction Requirements
The contractor shall verify the Engineer prior to start of excavation works so that cross sectional elevations and measurements maybe taken on the undisturbed ground.

ITEM 804.4 : GRAVEL FILL

1. Description :
This item shall consist of furnishing, placing and compacting gravel bed materialize for foundation and covered court pavement as called for on Plans.

1

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Measurement and Payment:

The quantity to be paid for under this item shall be the volume of gravel bed materials which price and payment shall constitute furnishing, placing, grading and compacting including labor, equipment and other necessary to complete the work.

ITEM 900 : REINFORCED CONCRETE

Description

This item shall consist of furnishing all materials, tools, labor and equipment and to faithfully perform the complete construction, placing and furnishing concrete in buildings and related structures, flood control and drainage, sand water supply structures in accordance with these specifications and conforming to lines, grades and dimensions shown on approved plans.

Material Requirements

Aggregates shall be clean and free from loam, alkali, organic matter or other deleterious substances, water used in gauging concrete shall be clean, free from oil acid and alkali.

Portland cement Type I, washed fine and coarse aggregate shall be used. Class A proportion (1:2:4) shall be used to all concrete works.

Wood forms shall be of sound lumber, free from large, loose knots or other defects. Lumber used in forms for exposed surfaces shall be dressed to uniform thickness; for unexposed surfaces and rough work undressed lumber maybe used.

Reinforcement shall be of the size and number indicated on the approved plan/drawings and program of work.

Construction Requirement

Concrete shall be mixed only in such quantities as maybe required for immediate use, any concrete which developed initial set shall not be used and retempering of concrete which has partially hardened, that is, remixing with without additional cement aggregate or water will not be permitted.

Concrete shall be deposited continuously and as rapidly as possible without separation or loss of ingredient.

Exposed surfaces of concrete shall be kept moist for a period of at least ten (10) days after being deposited. In hot weather, exposed concrete surfaces shall be thoroughly wetted twice daily during the first week.

ITEM 902 : REINFORCING STEEL

1. Description

   This item shall consist of furnishing, bending, fabricating and placing of steel reinforcement of the type, size, shape and grade required in accordance with this Specification and in conformity with the requirements shown on the Plans or as directed by the Engineer.

2. Material requirement

   Reinforcing steel shall meet the requirements of item 710, Reinforcing Steel and Wire Rope.

3. Construction Methods

   Before materials are ordered, all order lists and bending diagrams shall be furnished by the Contractor, for approval of the Engineer. The approval of order lists and bending diagrams by the Engineer shall in no way relieve the Contractor of responsibility for the correctness of such lists and diagrams. Any expense incident to the

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revisions of materials furnished in accordance with such lists and diagrams to make them comply with the Plans shall be borne by the Contractor.

Steel reinforcement shall be stored above the surface of the ground upon platforms, skids, or other supports and shall be protected as far as practicable from mechanical injury and surface deterioration caused by exposure to conditions producing rust. When placed in the work, reinforcement shall be free from dirt, detrimental rust, loose scale, paint, grease, oil, or other foreign materials. Reinforcement shall be free from injurious defects such as cracks and laminations. Rust, surface seams, surface irregularities or mill scale will not be cause for rejection, provided the minimum dimensions, cross sectional area and tensile properties of a hand wire brushed specimen meets the physical requirements for the size and grade of steel specified.

All reinforcing bars requiring bending shall be cold-bent to the shapes shown on the Plans or required by the Engineer. Bars shall be bent around a 207 circular pin having the following diameters (D) in relation to the diameter of the bar (d). Bends and hooks in stirrups or ties may be bent to the diameter of the principal bar enclosed therein.

All steel reinforcement shall be accurately placed in the position shown on the Plans or required by the Engineer and firmly held there during the placing and setting of the concrete. Bars shall be tied at all intersections except where spacing is less than 300mm in each directions, in which case, alternate intersections shall be tied. Ties shall be fastened on the inside. Distance from the forms shall be maintained by means of stays, blocks, ties, hangers, or other approved supports, so that it does not vary from the position indicated on the Plans by more than 6mm. Blocks for holding reinforcement from contact with the forms shall be precast mortar blocks of approved shapes and dimensions. Layers of bars shall be separated by precast mortar blocks or by other equally suitable devices. The use of pebbles, pieces of broken stone or brick, metal pipe and wooden blocks shall not be permitted. Unless otherwise shown on the Plans or required by the Engineer, the minimum distance between bars shall be 40mm. Reinforcement in any member shall be placed and then inspected and approved by the Engineer before the placing of concrete begins. Concrete placed in violation of this provision may be rejected and removal may be required. If fabric reinforcement is shipped in rolls, it shall be straightened before being placed. Bundled bars shall be tied together at not more than 1.8m intervals.

All reinforcement shall be furnished in the full lengths indicated on the Plans. Splicing of bars, except where shown on the Plans, will not be permitted without the written approval of the Engineer. Splices shall be staggered as far as possible and with a minimum separation of not less than 40 bar diameters. Not more than one-third of the bars may be spliced in the same cross-section, except where shown on the Plans. In lapped splices, the bars shall be placed in contact and wired together. Lapped splices will not be permitted at locations where the concrete section is insufficient to provide minimum clear distance of one and one-third the maximum size of coarse aggregate between the splice and the nearest adjacent bar. Welding of reinforcing steel shall be done only if detailed on the Plans or if authorized by the Engineer in writing. Spiral reinforcement shall be spliced by lapping at least one and a half turns or by butt welding unless otherwise shown on the Plans.

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Sheets of mesh or bar mat reinforcement shall overlap each other sufficiently to maintain a uniform strength and shall be securely fastened at the ends and edges. The overlap shall not be less than one mesh in width.

4. Method of Measurement and Payment

The quantity of reinforcing steel to be paid for will be the final quantity placed and accepted in the completed structure. No allowance will be made for tie-wires, separators, wire chairs and other material used in fastening the reinforcing steel in place. If bars are substituted upon the Contractor's request and approved by the Engineer and as a result thereof more steel is used than specified, only the mass specified shall be measured for payment. No measurement or payment will be made for splices added by the Contractor unless directed or approved by the Engineer. When there is no item for reinforcing steel in the Bill of Quantities, costs will be considered as incidental to the other items in the Bill of Quantities.

The accepted quantity, measured as prescribed in Section 404.4, shall be paid for at the contract unit price for Reinforcing Steel which price and payment shall be full compensation for furnishing and placing all materials, including all labor, equipment, tools and incidentals necessary to complete the work prescribed in this Item.

ITEM 903 : FORMWORKS AND FALSEWORKS

1. Description

This Item shall consist of designing, constructing and removing forms and falsework to temporarily support concrete, girders and other structural elements until the structure is completed to the point it can support itself.

2. Material requirement

The materials used for smooth form finish shall be plywood, tempered concrete-form-grade hardboard, metal, plastic, paper or other acceptable materials capable of producing the desired finish for form-facing materials. Form-facing materials shall produce a smooth, uniform texture on the concrete. Form-facing materials with raised grain, torn surfaces, worn edges, patches, dents, or other defects that will impair the texture of concrete surfaces shall not be permitted. No form-facing material shall be specified for rough form finish.

Formwork accessories that are partially or wholly embedded in concrete, including ties and hangers shall be commercially manufactured. The use of non-fabricated wire form ties shall not be permitted. Where indicated in the Contract, use form ties with integral water barrier plates in walls.

Commercially manufactured formwork release agents shall be used to prevent formwork absorption of moisture, prevent bond with concrete, and hot stain the concrete surfaces.

The materials to be used in the falsework construction shall be of the quantity and quality necessary to withstand the stresses imposed; it may be timber or steel or a combination of both. The workmanship shall be of such quality that the falsework will support the loads imposed on it without excessive settlement or takeup beyond as shown on the falsework drawings.

3. Construction Methods

Form panels to be used shall be in good condition free of defects on exposed surfaces. If form panel material other than plywood is used, it shall have flexural strength, modulus of elasticity

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and other physical properties equal to or greater than the physical properties for the type of plywood specified. Furnish and place form panels for exposed surfaces in uniform widths of not less than 1 meter and in uniform lengths of not less than 2 meters except where the width of the member formed is less than 1 meter. Arrange panels in symmetrical patterns conforming to the general lines of the structure. Place panels for vertical surfaces with the long dimension horizontal and with horizontal joints level and continuous. For walls with sloping footings which do not abut other walls, panels may be placed with the long dimension parallel to the footing.

Form panels shall be precisely aligned on each side of the panel joint by means of supports or fasteners common to both panels. Use form ties and anchors that can be removed without damaging the concrete surface. Construct metal ties or anchorages within the forms to permit their removal to a depth of at least 25 millimeters from the face without damage to the concrete. Fill cavities with cement mortar and finish to a sound, smooth, uniform colored surface. Support roadway slab forms of box girder type structures on wales or similar supports fastened, as nearly as possible, to the top of the web walls. Form exposed curved surfaces to follow the shape of the curve, except on retaining walls that follow a horizontal curve. The wall stems may be a series of short chords if all of the following apply: 1. Chords within the panel are the same length. 2. Chords do not vary from a true curve by more than 15 millimeters at any point. 3. All panel points are on the true curve. When architectural treatment is required, make the angle points for chords in wall stems fall at vertical rustication joints. Earth cuts as forms for vertical or sloping surfaces shall not be used unless otherwise required or permitted by the Contract.

4. Method of Measurement and Payment

When the Contract stipulates that payment will be made for forms and falsework on lump-sum basis, the pay item will include all materials and accessories needed in the work. Whenever the Bill of Quantities does not contain an item for form and falsework, the work will not be paid directly but will be considered as a subsidiary obligation of the contractor under other Contract items.

The accepted quantities measured as prescribed description, shall be paid for at the Contract lump-sum price for Forms and Falsework which price and payment shall be full compensation for designing, constructing and removing forms and falsework, all materials and accessories needed and for furnishing all labor equipment tools and incidentals necessary to complete the item.

ITEM 1002 : PLUMBING WORKS

1. Description

This Item shall consist of furnishing all materials, tools, equipment and fixtures as shown on plans for satisfactory performance of the plumbing system including installation in accordance with the latest edition of the National Plumbing Code and Specification.

2. Material Requirement

All piping materials, fixtures, fittings and accessories whether specifically mentioned or not but necessary to complete this item shall be furnished and installed.

All other requirements not stated herein shall be in accordance with the DPWH Standard Specifications.

3. Construction Requirements

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Before any installation work is stated the contractor shall carefully examine the plans and investigate actual structural and finishing work condition affecting all his work. When actual condition requires rearrangement of the approved pipe layout.

4. Inspection, Warranty Test and Description

All pipes, fittings, traps, fixtures, appurtenances and equipment of the plumbing and drainage system shall be inspected and shall be approved by the engineer to ensure compliance with all requirements of all Codes and Regulations referred to in this Specification.

Upon completion of the roughing in and before connecting fixtures, the entire cold piping system shall be tested at a hydrostatic pressure of 1-1/2 times the expected working pressure in the system during operation and remained tight and leak proofed.

5. Measurement and Payment

The work done under this item shall be quantified per length, number of units and lump sum, lot as provided in the Bill of Quantities, tested and accepted which price and payment shall constitute full compensation for furnishing all materials, labor, equipment, tools and incidentals necessary to complete the item.

ITEM 1014 : PRE PAINTED METAL SHEETS

1. Description

This item shall consist of furnishing all painted metal sheet, materials, tools, equipment and labor required in undertaking the proper installation complete as shown on the Plans and in accordance with this specification.

2. Material Requirements

Pre-painted roofing sheets, gutters, valleys, flashings, hip/ridge rolls shall be as indicated on Plans. Fastening hardwares and accessories shall be compatible and or the accepted ones for the roofing shall be provided.

3. Construction requirements

To conform to 1014.3 of Item 1014: Pre painted Metal Sheets.

4. Measurement and Payment

The work done under this item shall be measured by the actual area covered or installed which price and payment shall be for the full compensation of furnishing materials, labor, tools, equipment (if any) and other accessories necessary to complete the item.

ITEM 1027 : CEMENT PLASTER FINISH

1. Description

This item shall consist of furnishing all cement plaster materials, labor, tools are equipment required in undertaking cement plaster finish as shown on the Plans and in accordance with Specification.

2. Material Requirements

Materials shall be delivered in the manufacturer's original unbroken packages or containers which are labeled with the manufacturer's name and trademark.

Portland cement shall conform shall conform to the requirements of Item 700 Hydraulic Cement. Fine aggregates shall be clean, washed sharp river sand and free from dirt, clay, organic matter or other deleterious substances.

3. Construction Requirements

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Mortar mixture shall be freshly prepared and uniformly mixed in the proportion of one-part cement, 3 parts sand and ¼ part hydrated lime.

Finish coat shall be Pure Portland cement mixed with water to approved consistency and plasticity.

Surfaces to receive plaster shall be cleaned of all projections, dust, loose particles, grease and bond breakers. Cement plaster shall be true to details and plumbed with no visible junction marks or joint marks.

4. Measurement and Payment

All cement plaster finish shall be measured in square meter or part thereof of actual work completed with price and payment constitutes full compensation for furnishing materials, including labor, tools and equipment necessary to complete this item.

ITEM 1032 : PAINTING WORKS

1. Description

This item shall consist of furnishing all paint materials, varnish and other related products, labor, tools, equipment and plant required in undertaking the proper application of painting, varnishing and other related works indicated on the Plans and in accordance with this Specification.

2. Material Requirements

Paints, tinting colors shall be of first grade quality and shall conform to the required specifications of Item 709.Color shall be determined or as preferred by the end user. Concrete neutralizer, silicon water repellant, patching compound, varnish, lacquer, shellac, sanding sealer, glazing putty, natural wood paste filler and other related materials shall be as accepted by the engineer.

3. Construction Requirements

The contractor prior to the commencement of the painting, varnishing and related works shall examine the surfaces to be applied in order not to jeopardize the quality and appearances of the painting, varnishing and related works.

All surfaces shall be in proper condition to receive the finish. Wood works shall be hard-sanded, smooth and dusted clean. Interior wood works shall be sand papered, knotholes, pith pockets or sappy portions shall be sealed with natural wood filler. Nail holes, cracks or defects shall be carefully puttied making color of paint.

Concrete surfaces shall be coated with concrete neutralizer and allowed to dry before any painting primer coat is applied. Hairline cracks and unevenness shall be patched and sealed with approved putty or patching compound.

Metal shall be clean, dry and free from mill scale and rust. Grease and oil from surfaces shall be removed.

ITEM 1046 : MASONRY WORKS

1. Description

This item shall consist of furnishing masonry work materials, labor, tools and equipment required in undertaking the masonry work as called for on Plans and in accordance with this specification.

2. Material Requirements

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Materials like cement, fine aggregates, hollow blocks, reinforcing bars, tie wires and other subsidiary materials necessary shall be delivered on site and shall be accepted/rejected as the case maybe by the Project Engineer of this office per test results submitted

3. Construction Requirements

Masonry works for walls/partitions and other related structures shall be laid on a concrete laid wall footing/zocalo as called for on Plans. Reinforcing bars shall be in accordance with what is specified on Plan and Program of Work. Masonry walls and Partitions shall be laid duly checked as to horizontal and vertical alignment, plumbed and properly and anchored to the concrete wall/partition foundation.

Mortars for CHB setting and filler shall conform to Item 705.5.1 of DPWH Standard

4. Measurement and Payment

Masonry works shall be measured in square meters or part thereof for actual work completed which price and payment shall be full compensation for furnishing all materials including labor and other incidentals necessary to complete the work.

ITEM 1047 : METAL STRUCTURES

1. Description

This item shall consist of the joining of structural steel members with welds and or bolts of the type, dimensions and design shown on the Plans and in accordance with the Specifications.

It is the intent of this specification to provide for work of a quality comparable to that required under the Standard Specifications for welded Highway and Railway Bridges. In case of the dispute or for the situations not adequately provided for in this Specification, those designated Standard Specifications shall be considered as the final authority and shall govern except as amended by the special provisions.

Welding of Structural Steel maybe done only when shown on the plans or authorized in writing by the engineer.

2. Material Requirements

Steel base metal to be welded shall be as indicated on the Plans conforming to AASTHO M 183.

All as welding electrodes shall conform to the requirements of American Welding Society Specifications. Electrodes shall be of classification numbers as required/ indicated on the plans.

All sizes of steel members (angle bars, gusset plates, deformed bars, G.I. pipes, base plate) and other related materials shall be referred to the detailed working drawings.

All structural steel members shall be coated with rust converter and red lead primer.

3. Construction Requirements

All equipment for welding and glass cutting shall be designed and manufactured and in such condition as to enable qualified welders to follow the procedures and attain the results prescribed in these specifications.

Welding generators and transformers shall be designed expressly for welding. They shall be capable of delivering standby current adjustable through a range ample for the work requirements.

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The contractor shall enforce the use of approved accessories necessary for the protection and convenience of the welders and for the proper and efficient execution of the work.

Welding shall be done by approved competent experienced and fully qualified welders.

Structural steel which is to be welded shall preferably not be painted until all welding is completed.

The rest of the provisions under material requirements and construction requirements not mentioned in this Specification shall be in accordance with provisions of Item409-Welded Structural Steel of the DPWH Standard Specifications for Highways and Bridges.

4. Measurement and Payment

The quantity to be paid for under this item is the total weight of structural steel s specified on Bill of Quantities, fabricated, assembled and installed in place which price and payment shall be full compensation for furnishing accepted materials, fabricating, welding, installing, including all equipments, facilities, tools, accessories, subsidiary materials and all incidentals necessary to complete the work.

ITEM 1051 : RAILINGS

1. Description

This item shall consist of furnishing and installing railing materials, hardware required to ensure rigidity of joints/connections of the different parts of the structure and equip in a satisfactory in accordance with these specifications.

2. Material Requirements

Use 50mm diameter stainless steel pipes for handrails and other miscellaneous hardwares necessary to complete the structure as called for on the approved plans shall be as accepted by the engineer/architect.

ITEM 1100 : ELECTRICAL WORKS

11.01 General Scope of Work

Furnishing of all materials, labor, tools and equipment and to perform necessary operations for the completion of electrical wiring and devices at ground, second and third floor in accordance with the plan and as specified therein.

11.02 The scope of the electrical works called for herein, shall include the electrical wiring installation complete as shown on the plans and specification including circuit breaker, trims, locks and key, junction boxes, conduit pipings, equipment for the above-mentioned system as specified hereunder and all other equipment, devices, fittings and electrical connections of any descriptions that may be required to complete the electrical works ready for service, all in accordance with the requirements of the National Electrical Code although such devices, fittings and electrical connections may not be shown on the plans nor mentioned in the specifications.

11.03 All work shall comply and shall be done in accordance with the latest editions of the National Electrical Code and with the rules and requirements of the local power service for the project. Nothing contained in this specifications or

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shown on the plans shall be construed as to conflict with the applicable City and National Government Ordinances, codes and/or laws governing the installation of the Electrical work; as all such ordinances, codes and/or laws are hereby made parts of these specifications and the Contractor shall meet the requirements thereof. However, any apparent conflict between such laws, ordinances, codes, rules, regulations and the plans and/or those specifications shall be submitted to the owners or Authorities concerned, prior to the opening of the bids, for a decision.

11.04.1 Electrical Materials and Equipment

a. All electrical materials, supplies, devices and fittings to be used and installed for this project shall be brand new and of the type and manufacture approved in accordance with the Philippine Standard and shall be standard factory products of reputable electrical manufacturers as approved by the electrical designer.

b. Electrical materials, supplies, equipment, devices, and fittings maybe accepted provided that they are or the equivalent in design, size and quality of materials and workmanship as those approved by the Philippine Standards and provided further that they are approved by the electrical designer or that they are specified herein.

c. All lights must be Led Type (Led Fluorescent, Led Bulb) will be used in all lighting fixtures. Switches and outlets shall be in flush type. Fluorescent louvers shall be recessed type in 24"x24" dimension, for 2x18W louver, 24"x48" dimension for 2x36W. Down lights shall be in 8" dimension with dotted silver reflector.

11.05 Conduit Work

All metal conduits to be installed hereunder shall be of the approved standard galvanized rigid conduits having smooth inner surfaces. Quality type flexible conduit shall be used in all lighting outlets.

11.06 Guarantee

1. The contractor shall guarantee all equipment and wiring free from inherent mechanical and electrical defects for a period of one (1) year from the date of installation.
2. The manufacturer of the equipment or their local authorized representative shall furnish the Owner a free one (1) year contract effective from the date of installation for maintenance and inspection of all equipment with a minimum of two inspections during the contract year.

11.07 Test and Guarantee

a. When the electrical work is reported in writing by the electrical contractor to be complete and ready for acceptance, standard tests as directed shall be made, in the presence of the Owner or his duly authorized representatives, to ascertain whether the work truly complies with the advertised plans and specifications of the project. If said electrical does not comply with plans and specifications, the contractor shall at once remedy all defects and shortcoming therein and any additional test that may be required red shall be at the expense of the contractor.

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b. The electrical contractor or his duly authorized representatives shall be present during all tests and a competent man must be left by him to be in charge of all work until written final acceptance will be given by the Owner or Architect, if the installation is found to comply in all installations the revised plans and specifications. All equipment, apparatuses, materials and labor required for making and conducting tests of all work, shall be supplied by the electrical Contractor to his own expense.

c. The electrical contractor shall furnish a written guarantee covering all his work for the period of one (1) year, (except fluorescent and incandescent bulb which shall have two months guarantee period), from the date of final acceptance of his work, and shall repair and make good at his own expense during the guarantee period, if in the judgement of the owners or authorities concerned, such defects arise from defective workmanship and/or materials. Should repairs be required within the period of guarantee, the electrical contractor shall make the repairs at the convenience of the occupant or owners, and shall repair all damages to the adjacent parts of the project caused by him during the repair or replacement of his work.

ITEM 1208 : FIRE ALARM, SMOKE DETECTION AND FIRE HYDRANT SYSTEM

1. Description

This item shall consist of furnishing & installation of fire alarm system, smoke detection system and fire hydrant system inclusive of all pipings and pipe fitting connections, valves, controls, electrical wiring connections & all other accessories ready for service in accordance with plans & specifications.

2. Material Requirements

Smoke & Heat Detector shall be PHOTO-ELECTRIC with fire alarm bell, manual push button, twisted wires # 16-18,PVC flexible hose,4 Zone Fire Alarm Control Panel with all its consumables.

Fire Alarm System shall be Firelite Fire Alarm Control Panel MS-LOUD-7E, 4-Zone with MF batteries, System Sensor Bell detector, sensor bell and all accessories & incidentals necessary for the system.

3. Measurement and Payment

The quantity to be paid for shall be all work performed and measured by set actually in placed & installed @ the Contract Unit Bid Price which shall include all the materials, equipment, tools, labor and incidentals necessary to complete the work, tested and accepted by the engineer.

SPL 1 : ANXILLIARY WORKS

SPL 2 : STEEL COURT PARTITION

SPL 3 : ELECTRIC ROOM ENCLOSURE

SPL 4 : GROUND LEVELING

SPL 5 : LOGO & SIGNAGES

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SPL 6 : **PRODUCTION WELL DEVELOPMENT**

SPL 7 : **PROJECT BILLBOARD**

SPL 8 : **CONSTRUCTION SAFETY & HEALTH**

Safety precautions shall be used at all times during the progress of the work. As appropriate, workmen shall be furnished with hard hats, safety shoes, respirators, and any other safety apparel that will reduce the possibility of injury from accidents. All Occupational Safety and Health Act requirements shall be observed.

SPL 9 : **ENGINEERING FACILITIES**

SPL 10 : **MOBILIZATION / DEMOBILIZATION**

CLEANING-UP :

The contractor shall protect the work at all times and upon completion, the contractor shall remove from premises, all rubbish, accumulated materials of whatever nature caused by the work. The contractor shall leave the work-area in a clean, orderly and acceptable condition.

PREPARED:

RYAN G. [illegible]
Architect IV
Chief VIPD

CHECKED:

MA. SOCORRO B. GALORPORT
Assistant City Engineer for Admin

APPROVED:

JOEL V. MOMONGAN
City Engineer

12

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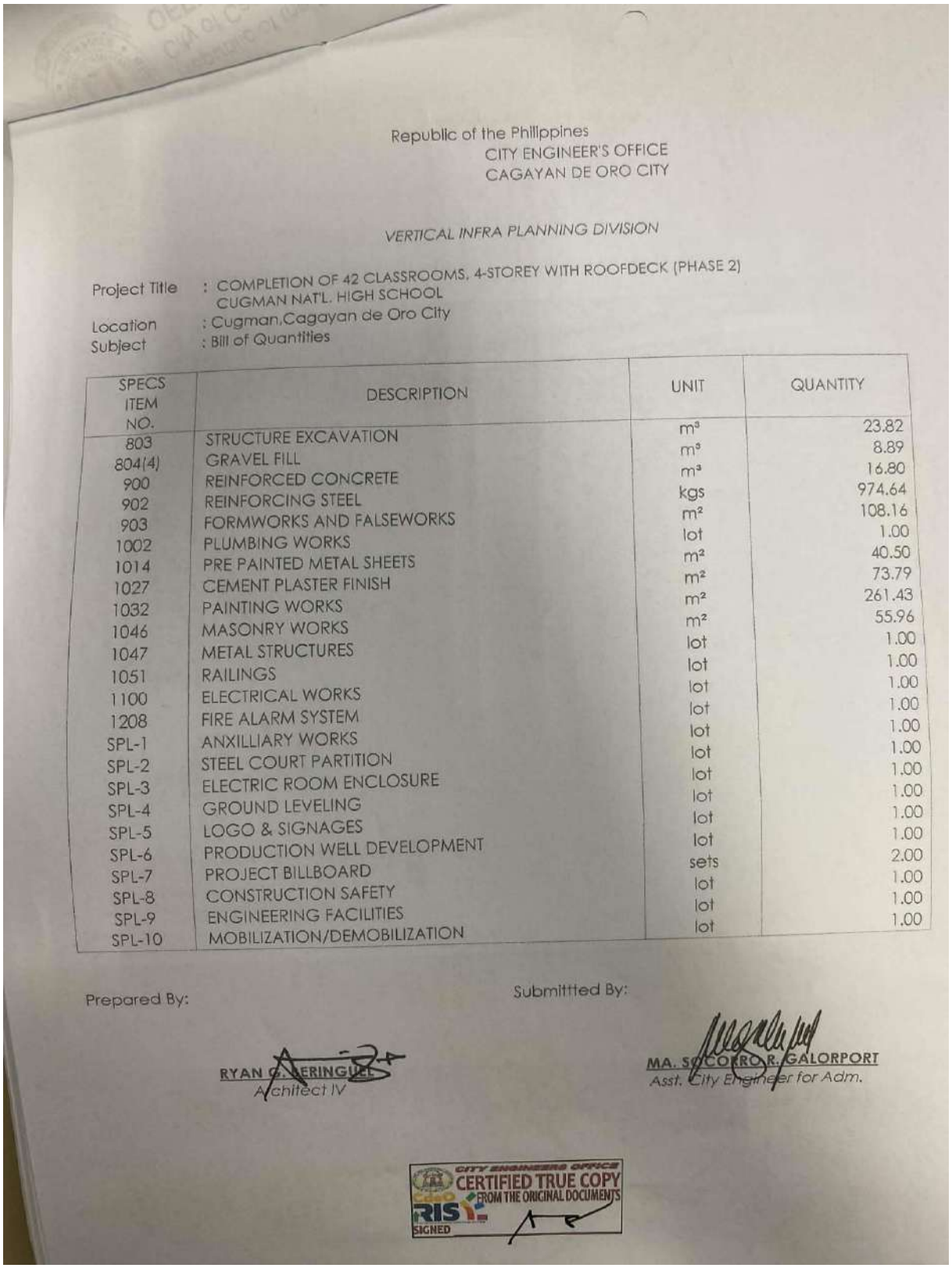
Section VII. Drawings

Section VIII. Bill of Quantities



Republic of the Philippines
CITY ENGINEER'S OFFICE
CAGAYAN DE ORO CITY

VERTICAL INFRA PLANNING DIVISION

Project Title : COMPLETION OF 42 CLASSROOMS, 4-STOREY WITH ROOFDECK (PHASE 2) CUGMAN NAT'L. HIGH SCHOOL
Location : Cugman,Cagayan de Oro City
Subject : Bill of Quantities

SPECS ITEM NO.	DESCRIPTION	UNIT	QUANTITY
803	STRUCTURE EXCAVATION	m^3	23.82
804(4)	GRAVEL FILL	m^3	8.89
900	REINFORCED CONCRETE	m^3	16.80
902	REINFORCING STEEL	kgs	974.64
903	FORMWORKS AND FALSEWORKS	m^2	108.16
1002	PLUMBING WORKS	lot	1.00
1014	PRE PAINTED METAL SHEETS	m^2	40.50
1027	CEMENT PLASTER FINISH	m^2	73.79
1032	PAINTING WORKS	m^2	261.43
1046	MASONRY WORKS	m^2	55.96
1047	METAL STRUCTURES	lot	1.00
1051	RAILINGS	lot	1.00
1100	ELECTRICAL WORKS	lot	1.00
1208	FIRE ALARM SYSTEM	lot	1.00
SPL-1	ANXILLIARY WORKS	lot	1.00
SPL-2	STEEL COURT PARTITION	lot	1.00
SPL-3	ELECTRIC ROOM ENCLOSURE	lot	1.00
SPL-4	GROUND LEVELING	lot	1.00
SPL-5	LOGO & SIGNAGES	lot	1.00
SPL-6	PRODUCTION WELL DEVELOPMENT	lot	1.00
SPL-7	PROJECT BILLBOARD	sets	2.00
SPL-8	CONSTRUCTION SAFETY	lot	1.00
SPL-9	ENGINEERING FACILITIES	lot	1.00
SPL-10	MOBILIZATION/DEMOBILIZATION	lot	1.00

Prepared By:

RYAN G. BERINGUEL
Architect IV

Submittted By:

MA. SOCORRO R. GALORPORT
Asst. City Engineer for Adm.

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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) in accordance with Section 8.5.2 of the IRR;

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) 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 shee indicating the unit prices of construction materials, labor rates, and equipmen rentals used in coming up with the Bid; **and**

☐ (m) Cash Flow by Quarter.

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