



Republic of the Philippines
LOCAL GOVERNMENT UNIT
Poblacion, El Salvador City

BIDDING DOCUMENTS

FOR THE

ESTABLISHMENT OF SANITARY LANDFILL (INFRA)

LOCATED AT BARANGAY

HINIGDAAN, EL SALVADOR CITY

ITB NO. 2025-01-021

Project ID No. 24-083-SB#2-20%

BID OPENING: FEBRUARY 25, 2025 @ 9:00 A.M.

(Sixth Edition)
(July 2020)

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GLOSSARY OF TERMS, ABBREVIATIONS, AND ACRONYMS

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to:

(i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

FI – 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.



BIDS AND AWARDS COMMITTEE

☎ 0997-308-5718 / 0938-074-3696 ✉ bac@elsalvadorcity.gov.ph

INVITATION TO BID for the ESTABLISHMENT OF SANITARY LANDFILL

1. The *Local Government Unit of El Salvador City* through the **Supplemental Budget No. 2 of 20% Local Development Fund** intends to apply the sum of **Seven Million Nine Hundred Ninety Nine Thousand Two Hundred Seventy Four Pesos and 22/100 centavos only (₱ 7,999,274.22)** being the Approved Budget for the Contract (ABC) to payment under the contract for **Project ID No. 24-083-SB#2-20%** for the **Establishment of Sanitary Landfill** located at barangay **Hinigdaan, El Salvador City**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The *Local Government Unit of El Salvador City* now invites bids for the **Establishment of Sanitary Landfill** with the following scope of works: structural excavation; spreading and compaction; hdpe liner; sand filter; plumbing works; perimeter line canal; mobilization/demobilization; layout and staking; formworks; temporary facilities; construction safety and health; signboard. Completion of the Works is required **One Hundred Eighty (180) 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 *Local Government Unit of El Salvador City* and inspect the Bidding Documents at the address given below from 8:00 A.M. to 5:00 P.M.
5. A complete set of Bidding Documents may be acquired by interested bidders on **February 5, 2025 to February 21, 2025** 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 **Ten Thousand Pesos (₱ 10,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person or through electronics means.
6. The *LGU – El Salvador City* will hold a Pre-Bid Conference on **February 12, 2025 @ 10:00 A.M.** at the address below, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before **February 25, 2025 @ 9:00 A.M.** Late bids shall not be accepted.
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 15**.
9. Bid opening shall be on **February 25, 2025 @ 9:00 A.M.** at the given address below. Bids will be opened in the presence of the bidders’ representatives who choose to attend activity.
10. The LGU-El Salvador City 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 IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders
11. For further information, please refer to:

Nancy A. Macalaguing
3rd Floor BAC Bidding Room, Executive Building,
Poblacion, El Salvador City
Cellphone No.: 0997-308-5718 / 0938-074-3696

12. You may visit the following websites:

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

Date of Publication: February 5, 2025

(SGD)NOLLY ADRIAN B. GABULE
BAC Chairperson

SECTION II. INSTRUCTIONS TO BIDDERS

1. Scope of Bid

The Procuring Entity, Local Government Unit of El Salvador invites Bids for the **Establishment of Sanitary Landfill** located at barangay **Hinigdaan, El Salvador City** with Project Identification Number **24-083-SB#2-20%**.

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 **2024** in the total appropriations of **Eight Million Pesos (₱ 8,000,000.00)**.

2.2 The source of funding is:

➤ Supplemental Budget No. 2 of 20% Local Development Fund – ₱ 7,999,274.22

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, 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

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 and either at its physical address on **February 12, 2025 @ 10:00 A.M., 3rd Floor BAC Bidding Room, Executive Building, City Hall, Poblacion, El Salvador City** 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 National Economic and Development Authority (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 shall be quoted in the local currency or tradeable currency accepted by the Bangko Sentral ng Pilipinas (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 an amount indicated in the **BDS**, which shall be not less than be percentage of the ABC in accordance with the schedule in the **BDS**:

18.2 The Bid and bid security shall be valid until *One Hundred Twenty Calendar Days (120)*. 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 (1) authenticated copy from the original and two (2) 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.

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 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 be 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 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

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: “Establishment of Sanitary Landfill”																		
7.1	Subcontracting is not allowed.																		
10.3	None.																		
10.4	The minimum work experience requirements for key personnel are the following: <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Key Personnel</u></th> <th style="text-align: center;"><u>General Experience</u></th> <th style="text-align: center;"><u>Relevant Experience</u></th> </tr> </thead> <tbody> <tr> <td>Project Manager</td> <td style="text-align: center;">5 yrs</td> <td style="text-align: center;">3 yrs</td> </tr> <tr> <td>Project Engineer</td> <td style="text-align: center;">5 yrs</td> <td style="text-align: center;">5 yrs</td> </tr> <tr> <td>Materials Engineer I</td> <td style="text-align: center;">5 yrs</td> <td style="text-align: center;">5 yrs</td> </tr> <tr> <td>Construction Safety & Health Officer</td> <td style="text-align: center;">1 yr</td> <td style="text-align: center;">1 yr</td> </tr> <tr> <td>Foreman</td> <td style="text-align: center;">5 yrs</td> <td style="text-align: center;">3 yrs</td> </tr> </tbody> </table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	Project Manager	5 yrs	3 yrs	Project Engineer	5 yrs	5 yrs	Materials Engineer I	5 yrs	5 yrs	Construction Safety & Health Officer	1 yr	1 yr	Foreman	5 yrs	3 yrs
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10.5	The minimum major equipment requirements are the following: <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: center;"><u>Capacity</u></th> <th style="text-align: center;"><u>Number of Units</u></th> </tr> </thead> <tbody> <tr> <td>Backhoe</td> <td></td> <td style="text-align: center;">2</td> </tr> <tr> <td>Dumptruck</td> <td></td> <td style="text-align: center;">3</td> </tr> <tr> <td>Grader</td> <td></td> <td style="text-align: center;">1</td> </tr> <tr> <td>Vibratory Roller</td> <td></td> <td style="text-align: center;">1</td> </tr> <tr> <td>Extruder Machine</td> <td></td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	Backhoe		2	Dumptruck		3	Grader		1	Vibratory Roller		1	Extruder Machine		1
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11	This shall include all of the following documents: <ol style="list-style-type: none"> 1) Bid Prices in the Bill of quantities; 2) Detailed Estimates, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; and 3) Cash Flow by Quarter or payment schedule <p>Note: for BOQ and DUPA, adopt as provided in the DPWH’s D.O. 197 s. 2016</p>																		
12	No further instructions.																		
18.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: <ol style="list-style-type: none"> 1. The amount of not less than <u>(2% of ABC)</u>, if bid security is in cash, cashier’s/manager’s check, bank draft/guarantee or irrevocable letter of credit; 2. The amount of not less than <u>(5% of ABC)</u>, if bid security is in surety bond. 																		
19.2	Partial bid is not allowed. The infrastructure project is package in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award. <p>In all cases, the NFCC computation, if applicable, must be sufficient for all the lots or contracts to be awarded to the Bidder.</p>																		
20	None.																		
31.4(f)	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as: <ol style="list-style-type: none"> 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 DOLE 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

51.1. If required, the Contractor will provide "as built" Drawings and/or operating and maintenance manuals as specified in the **SCC**.

51.2. 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

GCC Clause	
2	The Intended Completion Date is One Hundred Eighty (180) calendar days .
4.1	The Procuring Entity shall give possession of all parts of the Site to the Contractor on upon issuance of the NTP.
6	The site investigation reports are: None
7.2	Permanent structures, Fifteen (15) years . Buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures: Fifteen (15) years .
10	Day works 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 ten (10) days of delivery of the Notice of Award.
11.2	The period between Program of Work updates is Thirty (30) days or less if the Procuring Entity requires an update. The amount to be withheld for late submission of an updated Program of Work is 1/50 of 1% of contract value .
13	The amount of the advance payment is Fifteen percent (15%) of the contract cost. Value can be availed of upon the submission and receipt of a request for the release of the advance payment after the issuance of the Notice to Proceed (NTP) and posting of an irrevocable letter of credit in favor of the Procuring Entity.
14	Materials and equipment delivered on the site but not completely put in place shall not be included for payment .
15.1	Before the issuance of Certificate of Completion, the Contractor shall submit "As-Built" drawings, operating and maintenance manuals as required: 15-30 days from completion . Electronic versions of the As Built documents shall be in PDF and original design software formats.
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: 15-30 days from completion .

SECTION VI. SPECIFICATIONS

PROJECT NAME : ESTABLISHMENT OF SANITARY LANDFILL (INFRA)
LOCATION : HINIGDAAN, EL SALVADOR CITY, MISAMIS ORIENTAL

TECHNICAL SPECIFICATION

A. CLEARING OF SITE

PART 1 GENERAL

1.01 SCOPE

Furnish equipment and perform labor required to complete removal of unnecessary materials, disposal of resulting trash, timber stumps and other vegetation. See drawing for area covering of work involved.

1.02 PERMITS

Secure the necessary permits required before commencing the work.

1.03 PROTECTION

Protect adjacent properties, persons, shrubs, trees, lawn, structures, and utilities therein from harm or damage.

PART 2 EXECUTION

2.01 DEMOLITION

a. Demolish and remove from site existing structures and other obstructions within the building area as indicated in the plans.

b. Where existing concrete on ground is to be demolished. Remove all existing concrete and other obstructions to a depth of 0.60 meter below grade.

c. Cap all existing utility lines, consult owner before commencing work.

2.02 CLEARING AND GRUBBING

a. Uproot trees or cut down as shown in the plans or as directed by the Engineer or Architect.

2.03 REPAIRS

a. Repair damages done to property of any person or persons or off the premises due to demolition and clearing and grubbing.

B. EARTHWORK

PART 1 GENERAL

1.01 SCOPE

a. Furnish material and equipment and perform labor required to complete the following activities:

- Site Grading
- Stakes and batter boards
- Excavation
- Backfilling
- Compaction

b. See drawings for location and extend work required.

1.02 VERIFICATION OF EXISTING CONDITIONS

a. Verify and examine the site of work for existing conditions that can affect the work.

1.03 PROTECTION

a. Provide protection measures to protect materials, persons and adjoining properties.

b. Provide shoring, sheeting and bracing to prevent carving, erosion or gulying of sides of excavation.

c. Provide for surface drainage during the period of construction. Keep all excavation free of water at all times.

PART 2 PRODUCTS

2.01 MATERIALS

a. Select fill material shall be laboratory approved from off-site source, passing a 75mm (3 in.) sieve.

b. Granular fill gravel shall be clean crushed non-porous rock; crushed or uncrushed gravel, uniformly graded and of a size which will pass a 1-inch mesh screen and be retained on a no. 4 mesh screen.

c. Excavated material approved for use as backfill shall be free of stones larger than 50mm in longest dimension, roots and organic materials.

PART 3 EXECUTION

3.01 SITE GRADING

a. Cut & fill and machine grade the site area. Deposit materials in horizontal layer not exceeding 200mm in depth and compact in accordance with method A of ASTM D 1557-667. Rough grade elevations and levels shall be approximately 150mm below the bottom of the slabs on grade, 250mm below finish grades in areas to be lawn seeded or landscaped.

3.02 STAKES AND BATTER BOARDS

a. Stake out building accurately and establish grades.

b. Batter boards and reference shall be erected at location where they will not be disturbed during the construction.

c. Construct two permanent bench marks of previously known elevations near the site of construction.

3.03 EXCAVATION

a. Excavate to the dimensions and elevations indicated on the drawings.

b. Excavation carried through error, shall be corrected by filling such additional depth or size with lean concrete.

c. Bottoms of excavation shall be level, free from loose material, and brought to indicated or required levels in undisturbed earth or in compacted fill.

d. Excavate with proper allowance made for floor slabs, form erection, shoring, drain tile, waterproofing, masonry and adequate space for inspection of foundations.

e. Pump water out of excavate areas throughout the construction; water shall not be disposed into adjacent developed property.

f. When rock is encountered, excavate to a depth of 150mm below the bottom elevation of the pipe and fill with sand and gravel or crushed stones thoroughly compacted before laying pipe.

3.04 BACKFILLING

a. Remove all forms, trash and debris that can be found in the backfilling material. Use only approved backfill material and place symmetrically on all sides in layers.

b. Backfill around structures only after the concrete has attained sufficient strength to resist lateral pressure resulting from the backfill.

3.05 SOILS COMPACTION

a. All existing earth within building lines that has been disturbed shall be placed in 150mm layers and compacted to 95% of maximum density at optimum moisture content required for fill in accordance to AASHTO method.

3.06 DISPOSAL OF EXCAVATED MATERIAL

a. Surplus material resulting from all earthwork operations not required or unsuitable for fill or backfill shall be disposed off.

PART 4 SOIL BEARING CAPACITY

4.01 If during excavation, conditions discovered at the site do not conform to the findings of the "SOILS INVESTIGATION REPORT" submitted by the soil engineer, the owner shall immediately notify the Architect or Engineer or his/her representative, of such conditions.

4.02 The soil engineer and the structural engineer shall visit the site and make the changes in foundation design if necessary.

C. SITE DRAINAGE

PART 1 GENERAL

1.01 SCOPE

Furnish materials and equipment and perform labor required to complete the site drainage.

1.02 PROTECTION

Protect materials from loss, injury or defacement. Lost or damaged materials shall be replaced by the contractor at his own expense.

PART 2 EXECUTION

2.01 EXCAVATION

a. Excavation trenches for all underground pipe lines to required depths slope and trades.

b. Rest/pipes on well tamed solid bedding along its entire length.

c. Lay water and sewer pipes in separate trenches.

2.02 BACKFILLING

a. Pipe lines shall be tested by contractor and by Owner's representative prior to backfilling.

b. Clean and free all excavation from trash and debris.

c. Backfill shall consist of the same material excavated or other approved materials.

d. Free backfill from the debris and big stones. Place backfill in horizontal layers not exceeding 300mm or as indicated or directed.

e. Properly moisten each backfill layer and compact by hand or machine to an optimum density that will prevent excessive settlement and shrinkage.

DIVISION 4 – MASONRY

A. MORTAR

PART 1 GENERAL

1.01 SCOPE

Furnish materials and equipment and perform labor required to complete plaster, masonry work and patching of mortar.

PART 2 PRODUCTS

2.01 MATERIALS

a. Sand: ASTM 35-67

b. Portland Cement: ASTM C-150-67, Type 1

c. Water: clean and free from deleterious substances.

2.02 MIXES

Cement

- 1 part Portland Cement
- 3 parts sand,
but not more than
- 1 part Portland Cement
- 4 parts sand.

PART 3 EXECUTION

Installation

a. Application of Cement Plaster

1. Scratch Coat: Apply with sufficient force and materials to form full keys or bond. Cross scratch as soon as scratch has attained initial set and apply brown coat as soon as practicable.
2. Brown Coat: Scratch or broom for bond of finish coat and allow to set hard. Keep brown coat moist until finish coat is applied.
3. Finish Coat: Bring to true, even surface with rods, dries and trowel smooth, leaving finished surface free from tool marks and blemishes. Keep cement plaster moist for at least 3 days and protect against rapid drying until cured.

b. Application of patching mortar

1. Provide the same mixture of gray and white cements for patching mortar used to fill holes and imperfections. But should be a stiffer mixture and the cement and sand proportions should be the same as those used in the concrete.
2. Never steel trowel patches, but finish with wood or cork floats.
3. Allow the mixed patching mortar to stand for an hour or two before using.

B. UNIT MASONRY

PART 1 GENERAL

1.01 SCOPE

Furnish materials and equipment and perform labor required to complete unit masonry as indicated in the drawings, but not necessarily limited to interior and exterior concrete block walls.

1.02 HANDLING AND STORAGE

- a. Handle in a manner to prevent undue chipping and breakage.
- b. Provide platforms to protect bottom piles from contact with soil.

1.03 SUBMITTALS:

a. Samples:

Within 35 days after award of contract, and before any concrete unit masonry materials are delivered to the jobsite, submit one sample of the proposed concrete masonry units with the name and address of the manufacturer to the Engineer or Architect for his/her approval.

c. Certification:

Upon delivery of concrete unit masonry to the jobsite, deliver to the Engineer or Architect a copy of the manufacturer's invoice stating among others, quantity and designed strengths of the concrete masonry units delivered to the jobsite.

PART 2 PRODUCTS

2.01 MATERIALS

1. NON-LOAD BEARING CONCRETE HOLLOW BLOCKS:

All non-load bearing concrete hollow blocks used in non-load bearing masonry shall conform to the requirements of ASTM C-129-39, with a minimum compressive strength of 400 psi.

- a. 150 X 200 X 400mm CHB
- b. 100 X 200 X 400mm CHB

2. MORTAR

All mortar for concrete block shall conform to ASTM C-476-71, 2500 psi in 28 days, and shall consist of one part portland cement by volume, ¼ part hydrated lime, and 4 parts of damp, loose sand, plus water.

3. REINFORCEMENT STEEL:

All reinforcement steel for concrete masonry units shall be structural grade, billet steel deformed bars conforming to the requirements of ASTM A-615 with yield strength of 230 Mpa.

4. WATER:

Water used in mixing mortar shall be clean and free from injurious amounts of oils, acids, alkalies, salts, organic materials, or other substances that may be deleterious to concrete or steel.

5. GROUT:

All grout shall be machine-mixed in accordance with ASTM C-94 and shall consist of one part portland cement, 2 ½ parts sand, 2 parts pea gravel, and adequate water to produce a concrete of approximately ten inches slump, and shall have an ultimate compressive strength of 2000 psi in 28 days.

6. ADMIXTURES:

Admixtures may be used only with the written approval of the Engineer or Architect.

PART 3 EXECUTION

3.01 MIXING MORTAR:

a. General:

1. Use a mechanical mixer of one bag minimum capacity.
2. Mix mortar at least three minutes after all materials have been added. The actual mixing shall not be less than two minutes.
3. Mix only as much mortar as can be used in one hour after water has been first mixed into the batch.

b. Retempering:

Do not retemper mortar.

3.02 INSTALLATION:

a. General:

1. Lay up all walls in running bond, plumb, level, and true to the lines and dimensions indicated on the Drawings.
2. Do not use chipped or broken units; if any such units are discovered in the finished wall, the Engineer may require their immediate removal and replacement with new units at no additional cost to the Owner.

b. Dampening:

Dampen, but do not saturate, all concrete masonry units, immediately before installation.

c. Laying up:

1. Place all units in mortar with full shoved bed and head joints.
2. Align all vertical cells to maintain a clear, unobstructed system of flues.
3. Provide clean-outs at the bottom of each cell for removing mortar droppings; do not close the clean-outs until they have been inspected and approved by the Engineer.

d. Reinforcement:

1. Install all reinforcement as indicated on the Drawings.
2. Embed reinforcement in grout, not in mortar or mortar joints.

e. Tooling:

Tool all joints to a dense, smooth surface.

3.03 GROUTING

a. General:

Perform wall grouting in strict accordance with the provisions for high lift grouting as described in Chapter 24 of the Uniform Building Code.

b. Timing:

Do not grout until masonry has cured at least 24 hours.

c. Consolidation:

Consolidate all grout at time of pouring by puddling with steel rod, filling all cells of the masonry, and then reconsolidating later by puddling before the plasticity is lost.

3.04 CLEANING UP

a. Inspection and Adjustment:

Upon completion of the work of this Section, make a thorough inspection of all installed concrete unit masonry and verify that all units and all joints have been installed in accordance with the provisions of this Section; make all necessary adjustments.

b. Cleaning:

1. Clean all surfaces of the concrete unit masonry as required for proper application of the specified finishes.
2. Upon completion of all work of this Section, promptly remove from the jobsite all mortar droppings, broken units, debris arising from work of this Section, and all tools and equipment of this Section, leaving all areas in a neat and orderly condition to the approval of the Engineer.

STRUCTURAL SPECIFICATION

1.0 WORKING DRAWING

- 1.1 This "General Notes & Specification for Structural Works" shall form a part of the Structural Plans.
- 1.2 In the interpretation of these structural plans, indicated dimensions shall govern and distances or sizes shall not be scaled for construction purpose.
- 1.3 In cases of conflict in details or dimension between Architectural and Structural Plans, Main contractor shall release a Request for Information (RFI) that shall be responded by both the Architect-of-record & the signing Structural Engineer.
- 1.4 In cases of conflict between the Structural Plans and the General Notes and Specifications, Main contractor shall release a Request for Information (RFI) that shall be responded by the signing Structural Engineer.

2.0 DESIGN LOADS

2.1 Dead Loads

The design loads unless otherwise specified in the structural plan are as follows:

Concrete	23.6kN/m ³
Steel	77.0 kN/m ³
Soil	16.0 kN/m ³
Masonry	2.73 kPa
Movable Partitions	0.96 kPa
Floor Finish-Topping	1.20 kPa
Membrane Waterproofing + Topping	1.80 kPa
Ceiling Utilities	0.48 kPa

The Architect and building contractor shall get the approval of the Structural Engineer for any loading different or exceeding these loads.

Concrete hollow block partition and R.C. walls are as indicated in the structural plans. Additional CHB and R.C. walls shall be subjected to approval of the Structural Engineer.

2.2 Live Loads

The design live loads unless otherwise specified in the plans are the follows:

Parking	4.80 kPa
Wards & Rooms	1.90 kPa
Laboratories & Operation Rooms	2.90 kPa
Corridors above Ground Floor	3.80 kPa
Stairs	4.80 kPa
Commercial	4.80 kPa
Driveway/Ramps	4.80 kPa
Electrical/Mechanical Room	7.50 kPa

These design live loads shall never be exceeded at any time during the life of the structure without the written consent of the Structural Engineer.

It shall be responsibility of the Owner of the building to get the approval of the Structural Engineer of any live load that will be imposed on any area of the building different from and or exceeding the design live loads specified herein.

No portion of the building shall be used as temporary storage of construction materials in excess of design loads.

2.3 Earthquake Loads

The design earthquake loads are as per the provisions of the "Uniform Building Code 1997 Edition" for Earthquake Zone 4. These loads are assumed to be statically applied to structure.

2.4 Wind Loads

The design wind loads are as per the provisions of the National Structural Code of the Philippines 2015 Edition.

2.5 Equipment Loading

Equipment not indicated in the plans shall be not installed without the approval of the Structural Engineer.

The manufacturer shall submit equipment data specifying the weight, and its reaction at the base, and its vibration characteristics.

3.0 REINFORCED CONCRETE CONSTRUCTION

3.1 Cement shall conform to Portland Cement ASTM C150

3.2 Concrete aggregates shall conform to ASTM C33 except the aggregates failing to meet these specifications but which have produced concrete of adequate strength and durability may be used to the approval of the Structural Engineer.

3.3 Water used in mixing concrete shall be clean and free from injurious amounts of oil, acids, alkalis, salts, organic material or other substances deleterious to concrete or steel.

3.4 Reinforcing bars shall conform to ASTM A615.

3.5 Admixtures to be used in concrete shall be subject to prior approval by the Structural Engineer.

3.6 Cements and aggregates shall be stored in such a manner as to prevent their deterioration or the intrusion of foreign matter.

3.7 Concrete cylinder samples for strength test of each class of concrete shall be taken not less than twice a day nor less than once for each 110-cu.m. of concrete or for each 490 sq. m. of surface area place. The

cylinder samples for strength test shall be taken cured and tested in accordance with ASTM C 172, ASTM C 31, and ASTM C 39.

3.8 Acceptance of Concrete

Concrete poured will be considered satisfactory if the average of all sets of these consecutive strength test results equal exceeds the required concrete strength (f_c') and not individual strength test falls below the required f_c' by more than 500 psi.

3.9 Core test and load tests

If individual tests of laboratory cured cylinder samples produced strength more than 500 psi below f_c' core test and or load tests may be restored subject to the approval by the Structural Engineer.

3.10 Mixing of Concrete

All concrete shall be conveyed from the mixer to the place of final deposit by methods that will prevent the separation or loss of materials.

3.11 Depositing of Concrete

Concrete shall be deposited as nearly as practicable in its final position to avoid segregation due to re-handling or flowing.

3.12 Curing

Concrete shall be maintained in a moist condition for at least 7 days after placing. Wet burlap may be laid over the slab constantly applied with water.

4.0 CONCRETE MIXES

Unless otherwise indicated in the drawing, the minimum 28-day cylinder compressive strength shall be as specified in S-1.

5.0 FOUNDATION

5.1 The foundation system of the structure is based on the Soil Report "see Soil Report". The Contractor shall confirm the applicability of the specified foundation type based on the actual site condition. The foundation shall be revised if necessary, as dictated by actual site condition.

5.2 Existing underground pipes, tunnels, etc., shall be brought to the attention of the Structural Engineer for evaluation.

5.3 An excavation adjacent to an existing structure shall be provided with adequate sheet piling by the Contractor. The sheet piles shall be properly designed to resist earth and water pressure as well as surcharge loading on the footing of the adjacent existing structure.

5.4 Unless otherwise detailed in the plans CHB wall footing shall be as per figures on the General Construction Notes of Structural Plan.

5.5 RC Slab on fill other pressure slab @basement shall be 125mm thick with 10mm bars at 0.25m.o.c. each way unless otherwise indicated in the plans.

5.6 All earth fill supporting ground slabs for flooring, parking sidewalk, etc., shall be compacted to 90% proctor in layers of 0.30m. Unless otherwise specified by Structural Engineer.

6.0 REINFORCED CONCRETE BEAMS

6.1 Unless otherwise noted in the plans or specifications camber all RC beams and Column Strips at least 10mm for every 4500mm of clear span except cantilevers which shall be 20mm for every 3000mm of clear span.

6.2 If there are two or more layers of reinforcing bars, use 25mm separator spaced at 0.90m.o.c. In no case shall there be less than two separators between layers of bars.

6.3 If beam/column strip reinforcing bars end in a wall, the clear distance from the bar shall terminate on a standard 90-degree hook.

6.4 Beam/column strip reinforcing bars supporting slab reinforcement shall be 25mm from the bottom of the finish.

6.5 When a beam/middle strip crosses a girder/column strip, rest beam/middle strip bars on top of the girder/column strip bars. At column intersection girder/column strip bars shall be on top beam bars.

6.6 Top bar splices shall be located at mid span and bottom bar splices at column supports. Unless otherwise indicated in the plans splice lengths shall follow given for developments length.

6.7 The Contractor shall submit to the Structural Engineer shop drawing of Girders/Beams prior to implementation. Only approved shop drawings shall be implemented at construction site.

7.0 REINFORCED CONCRETE SLABS

7.1 Unless otherwise noted in plans or specifications, camber all R.C. slabs 3mm (1/18") per 3000mm (10') of shorter span.

7.2 If slab is reinforced both ways, bar along the shorter span shall be placed below those along the long span at the center and over the longer span bars near the supports.

7.3 Concrete covering shall be 18mm.

7.4 Unless otherwise specified by the Engineer, bar chairs shall provide at least 600mm each way to support top and bottom bars separately.

7.5 The Contractor shall submit to the Structural Engineer shop drawing of Girders/Beams prior to implementation. Only approved shop drawings shall be implemented at construction site.

8.0 CHB WALLS

8.1 Unless otherwise specified, the vertical and horizontal reinforcements for CHB shall be 10mm bar diameter, spaced at 400mm o.c. for wall thickness. Lap splices shall be 300mm long (minimum).

8.2 Lintel beams to be used shall be (t x 0.20m) reinforced by 4-12mm bars with 10mm at 300mm o.c. Ties where “t” is the CHB wall thickness.

8.3 Lintel beam shall be provided at top of CHB wall openings. It shall extend least 200mm beyond the openings.

8.4 For high walls, lintel beams shall be provided at 3000mm o.c.

8.5 For long walls, vertical lintel beams acting as columns shall be provided at 6000 mm o.c.

8.6 Where CHB adjoin R.C. Columns and beams, provide dowels on R.C. column and beams prior to pouring to match CHB wall reinforcement. The dowels shall be 12mm bars at 400mm o.c. (L-600mm).

8.7 Where the top of CHB wall adjoin a beam, 50mm gap to be filled with a soft material like Styrofoam. Rebars as required in 109.6 shall be retained for stability.

8.8 Where the sides of a CHB wall adjoin a column provide 50mm gap to be filled with a soft material like Styrofoam. Rebars as required in 109.6 retained for stability.

8.9 Where columns and beams have been poured without the CHB wall dowels, provided 12mm dia. Expansion bolts at 400mm o.c. These anchors shall be drilled and hammered in place. No chipping off of concrete columns and beams is allowed unless permitted by the Engineer.

9.0 REINFORCED CONCRETE COLUMNS

9.1 Unless otherwise indicated, the column pedestal embedded in the ground shall be 50mm larger than the column as per plan at the basement floor level, or ground floor level if there is no basement.

9.2 Construction joints in columns shall be located at the top of the pedestal (basement floor line, or ground floor line if there is no basement) or at least a distance above the floor equal to the maximum dimension of the column or 1/6 storey height.

9.3 All ties shall be fastened to column vertical reinforcement by means of wires at all intersection portions of ties and columns rebars.

9.4 Not more than one-half (1/2) of the total number of bars shall be spliced at the same level. The lap splice be 1.3ld of the bar development length. Splices shall be staggered at distance of at least 40 bar diameters.

9.5 The Contractor shall submit to the Structural Engineer shop drawing of columns and rebar splices prior to implementation. Only approved shop drawings shall be implemented at construction site.

10.0 REINFORCED CONCRETE WALLS

10.1 Unless otherwise indicated in the plans, the RC wall horizontal bars shall be inside the vertical bars – (retaining wall).

10.2 Reinforcing bars shall have at least 30mm concrete clearance except in 100mm wall or less where they shall be at the center.

10.3 Carry vertical bars 600mm above floor level to provide for splices when necessary. Elsewhere stop at 50mm below the top of the slab. The bar shall terminate on a stand 90 degree hook.

10.4 Horizontal and vertical bars conforming to ASTM A615 shall have a minimum splice lapping and wired with No. 16 G.I. wire provided that splice in adjacent bars is staggered at least 150mm o.c. not more than one-half (1/2) of the total # of bars shall be spliced at the same line. Splices shall be staggered a distance of at least 40 bar diameter.

10.5 All opening walls or slabs less than 30mm thick shall be reinforced.

11.0 STRUCTURAL TOLERANCES

Unless otherwise specified by the Engineer, the following are the acceptable structural tolerances for cast-in place concrete construction. All dimensions which are not within the required tolerances shall be corrected prior to pouring concrete. Tolerances for pre-cast concrete construction shall be ½ of the values given below:

a. Cross sectional dimensions and location of reinforcement, protruding steel.

Dimensions less than 200mm - ± 6mm

200mm to 600mm - ± 9mm

Over 600mm - ± 12mm

b. Member lengths or height - 6mm per 3.0 meters

(Maximum limitation=12mm)

c. Deviation from straight line - 6mm per 3.0 meters

(Sweep and or plumbness)

d. Locations of bar cut off or bonds - ± 50mm

12.0 CONCRETE PROTECTIONS FOR REINFORCEMENT

The following minimum concrete over shall be provided for reinforcing bars, prestressing tendons or ducts. For bar bundles, the minimum cover shall equal the equivalent diameter of the bundled bars needed but not be more than 2 inches on the tabulated minimum whichever is greater.

12.1 Cast-in place concrete (non-prestressed concrete construction)

a. Cast against and permanently exposed to earth 75mm

b. Exposed to earth or weather 20mm dia. and larger 50mm

c. Not exposed to weather or in contact with ground, slabs, walls, and joints.

36mm dia. and smaller	
No. 14 and No. 18	19mm
Beams, girders and columns	38mm
Principal reinforcements, ties, Stirrups or spirals	38mm

13.0 REINFORCING BARS

13.1 All reinforcing bar shall be deformed conforming to ASTM A615-68

13.2 Unless otherwise noted in the plans the minimum yield strength of the reinforcing bars to be used corresponding to the structural member shall be enumerated below:

- a. $f_y = 40,000\text{psi}$ for 12mm & smaller sizes
- b. $f_y = 60,000\text{psi}$ for 16mm & larger sizes

13.3 Development length requirement (1) shall be as per NSCP 2015.

13.4 Splice and anchorage lengths shall follow those set for development length (1) d unless otherwise indicated in the plans or approved by the Structural Engineer.

13.5 Equivalent metric size bars when used shall be as per tabulations below:

No. 3	10mm Ø
No. 4	12mm Ø
No. 5	16mm Ø
No. 6	20mm Ø
No. 8	25mm Ø
No. 9	28mm Ø
No. 10	32mm Ø
No. 11	36mm Ø

14.0 "STANDARD" HOOK

14.1 A standard hook for rebars if required shall be either of the following:

- a. A semi-circular turn plus an extension of at least 4 bar diameter but not less than 62mm at the free end of bar.
- b. A 90-degree turn plus an extension of at least 12 bars diameter at the free end of the bar.

14.2 Minimum diameter of bend measured on the inside of the bar shall be as follows:

10mm Ø	to	25mm Ø	-	6 bar diameter
28mm Ø	to	36mm Ø	-	8 bar diameter
No. 14	to	No. 18	-	10 bar diameter

15.0 CONSTRUCTION JOINTS

15.1 Construction joints shall be located near the middle of the span of slabs, beams or girder.

15.2 Where a joint to be made, the surface of the concrete shall be thoroughly cleaned and II Latinate and standing water removed. Vertical joint shall be thoroughly wetted and coated with neat cement grout immediately before placing of new concrete.

15.3 Construction joints in walls, slabs and other structures that are subjected to water pressure shall be provided with water stops. Kind, type, and size of water stops shall be as approved by the engineer.

15.4 At beam-girder intersection, the construction joint on the girder shall be offset a distance equal to twice the width of the beam. Diagonal bars shall be provided to resist 100% shear of the construction joint.

15.5 Construction joints column shall be located a distance above the floor equal to at least the maximum dimensions or 1/6 of storey height.

16.0 PIPES EMBEDDED IN CONCRETE

16.1 Pipes with their fitting shall not displace more than 4% percent of the cross-sectional area of the column.

16.2 Pipes of aluminium shall not be embedded in concrete.

16.3 Concrete cover for pipes shall be at least 38mm for concrete surfaces exposed to the weather or in contact with the ground or 18mm for concrete surfaces not exposed to the ground or weather.

16.4 No vertical pipes are allowed to punch through a beam girder.

16.5 Horizontal pipes may punch thru a beam or girder subject to the approval of the Structural Engineer. The Contractor shall submit to the Engineer the actual location where pipes cross a beam or girder. Where permitted by the Engineer, provide at least 2-16mm (600mm long) U bars to enclosed the pipe at the point of intersection of each face of the beam.

17.0 REMOVAL OF FORMS AND SHORES

17.1 Forms shall be removed in such a manner as to ensure complete safety of the structure.

17.2 Unless otherwise specified by the Structural Engineer, the following shall be the basis of removal of forms and shoring of reinforced concrete (R.C.) construction.

	Age of Concrete
Beam side forms	2 days
Column side forms	2 days
Slab bottom forms	7 days

18.0 ELECTRICAL CONDUITS

18.1 All electrical conduits shall be placed between the top and the bottom reinforcement of slabs and R.C. walls.

18.2 The spacing of these conduits shall be at least three diameters on cantilever.

NOTES FOR STRUCTURAL STEEL

122 DESIGN SPECIFICATIONS

- 122.1 DL + LL : Refer to UBC 1997 & NSCP 2015 vol. 1
- 122.2 WL : Refer to UBC 1997 & NSCP 2015 vol. 1
- 122.3 EL : Refer to UBC 1997 & NSCP 2015 vol. 1

123 DESIGN CODES: B

- 123.1 American Institute of Steel Construction (AISC)
- 123.2 American Welding Society (AWS)
- 123.3 American Iron and Steel Institute (AISI)
- 123.4 National Structural Code of the Philippines (NCCP'92 vol. 1)
- 123.5 Uniform Building Code (UBC'97)

124 MATERIAL SPECIFICATIONS

124.1 Unless otherwise indicated in the plans, structural steel shape and plates shall conform to ASTM A-36. Certified Mill Test shall be submitted by the fabricator to the Structural Engineer.

124.2 Welding shall conform to AWS Standard, E60 or E70 electrodes shall be used unless otherwise specified by the Structural Engineer

124.3 The fabricator shall have the welds tested X-ray by an independent company engaged in non-destructive testing as directed by the Structural Engineer. The welds are considered satisfactory if 9 out of 10 samples passed the requirement otherwise the welds shall be corrected.

125 FABRICATION

125.1 Steel fabricator shall submit shop drawing complete detailed connections for approval by the Structural Engineer. No material shall be ordered no fabrication started until such drawings are approved by the Structural Engineer.

125.2 All dimensions in the plans shall be verified by the steel fabricator in the field in the coordination with the general contractor.

125.3 Unless otherwise specified in the plans, gusset plates and stiffeners shall be 6mm thk. (minimum).

125.4 All splices shall be staggered. No splices shall be permitted at the point where critical stress occur. Splice plate shall have a minimum length of 300mm.

125.5 All bearing plates shall have a minimum thickness of 16mm.

125.6 All erection bolt holes shall be 3mm plus nominal bolt diameter.

125.7 All cuttings shall be neat cut.

125.8 Shop paint (red lead primer or any equivalent brand; 2 coats) shall be provided. Any work that is not conformance with this Specification will be rejected at any time during the progress of the work.

Safety and Health

Construction workers must be oriented, instructed and trained by the construction project manager to assure safe handling of equipment and of disposing waste. All employees must have protective equipment for the eyes, face, feet and all crucial body parts when exposed to hazardous work procedures. A safety officer is required onsite to ensure proper handling of the construction project.

Establishment of Temporary Facility

Provide security and facilities to protect work, existing facilities, and owner's operations from unauthorized entry, vandalism, or theft to a degree approved by the Owner.

Provide temporary insulated weather-tight closure of exterior opening to accommodate acceptable working conditions and protection for products, to allow for temporary heating and maintenance of required ambient temperatures identified in individual specification sections, and to prevent entry of unauthorized person.

SECTION VII. DRAWINGS

The actual drawing is on separate sheet

SECTION VIII. BILL OF QUANTITIES

Contract Name : Establishment of Sanitary Landfill (Infra)
 Location of the Contract : Hinigdaan, El Salvador City, Misamis Oriental

Bill of Quantities

Part No. _____ Part Description: _____

[Columns (1), (2), (3), and (4) are to be filled up by the Procuring Entity]				[Columns (5) and (6) are to be filled up by the Bidder]	
Pay Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
I	Structural Excavation	Cubic Meter	9474.30	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
II	Spreading and Compaction	Square Meter	1732.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
III	HDPE Liner	Square Meter	1935.70	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
IV	Sand Filter	Cubic Meter	50.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
V	Plumbing Works	Length	35.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
VI	Perimeter Line Canal	Linear Metre	124.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
VII	Mobilization/Demobilization	Lot	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
VIII	Layout and Staking	Lump sum	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
IX	Formworks	Lump sum	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
X	Temporary Facilities	Lot	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
XI	Construction Safety and Health	Lump sum	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
XII	Signboard	Lot	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
	x-x-x-x-x-x-x				
Total Bid Price				₱	

Amount in Words:

Submitted by: _____ Date: _____

Name of the Representative of the Bidder

Position

Name of the Bidder

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);
- (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;
- (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;
- (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- (e) 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;
- (f) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules;
- (g) Philippine Contractors Accreditation Board (PCAB) License;

Special PCAB License in case of Joint Ventures;

registration for the type and cost of the contract to be bid;
- (h) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;

Original copy of Notarized Bid Securing Declaration;
- (i) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;
 - b. Contractor’s certification of Key Personnel for the contract;
 - c. Key personnel’s affidavit of commitment to work on the contract;
 - d. Qualification of Key Personnel Proposed to be Assigned to the contract;
 - e. Key Personnel (Format of Bio-data);
 - f. 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;

- (j) Original duly signed Omnibus Sworn Statement (OSS);

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.

- (k) Additional Requirements;

- a. Pert-CPM
- b. Construction Schedule & S-Curve
- c. Manpower Utilization Schedule
- d. Construction Method
- e. Equipment Utilization Schedule

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;
- (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;

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;

Other documentary requirements under RA No. 9184

- (p) Original of duly signed Bid Prices in the Bill of Quantities;
- (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;
- (r) Cash Flow by Quarter.

- Notes:**
- 1. Any missing document in the above-mentioned checklist is a ground for outright rejection of the bid;
 - 2. All pages must be signed;
 - 3. Bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities, otherwise Bill of Quantities shall be considered non-responsive and thus, automatically disqualified;
 - 4. Specifying a dash (-) or zero (0) for the said item would mean that it is being offered for free to the Government;
 - 5. Follow D.O. 197 s. 2016 for the Indirect Cost:
 - (a) OCM
 - (b) CP
 - (c) VAT
 - 6. Bids in excess of ABC will be disqualify.
 - 7. Cover Page indicating the total number pages in the Technical Component and Financial Component duly signed by the authorized representative.

8. Complete eligibility documents shall bear tabs identifying/separating each of the required eligibility, technical and financial documents.

Bidding Forms

TABLE OF CONTENTS

1. Omnibus Sworn Statement
2. Bid Securing Declaration
3. Performance Securing Declaration
4. Bid Form
5. Summary of Bid Prices
6. Contractor's Organizational Chart for the Contract
7. Contractor's Certification of Key Personnel for the Contract
8. Key Personnel's Affidavit of Commitment to Work on the Contract
9. Qualification of Key Personnel Proposed to be Assigned to the Contract
10. Key Personnel (Format of Bio-data)
11. List of Equipment, Owned or Leased and/or under Purchase Agreement, Pledge to the Proposed Contract
12. Equipment Utilization Schedule
13. Manpower Utilization Schedule
14. Construction Methods
15. Cash Flow by Quarter and Payment Schedule
16. Net Financial Contracting Capacity (NFCC)
17. List of all Ongoing Government & Private Contracts including contracts awarded but not yet started
18. Statement of Single Largest Completed Contract Similar to the Contract to be Bid

OMNIBUS SWORN STATEMENT

(REPUBLIC OF THE PHILIPPINES)
(CITY OF _____) S.S

AFFIDAVIT

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7. [Name of Bidder] complies with existing labor laws and standards; and

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

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

Bid Securing Declaration

(REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.
x-----x

Invitation to Bid No. _____

To: **Local Government Unit
El Salvador City**

I/WE, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake..
3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
 - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I filed a waive to avail of said right;
 - (c) I am/we are declared the bidder with the Lowest Calculated and Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/we have hereunto set my/our hand/s this _____ day of [month][year] at [place of execution].

[Insert NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
 - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
 - i. Procuring Entity has no claims filed against the contract awardee;
 - ii. It has no claims for labor and materials filed against the contractor; and
 - iii. Other terms of the contract; or
 - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this _____ day of [month] [year] at [place of execution].

[Insert NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

Bid Form

Date : _____
Project Identification No. : _____

To: Local Government Unit
El Salvador City, Misamis Oriental

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

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

Name: _____

In the capacity of: _____

Signed: _____

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

Date: _____

¹ currently based on GPPB Resolution No. 09-2020

Contract Reference Number:
Name of the Contract:
Location of the Contract

Contractor's Organizational Chart for the Contract

Submit Copy of the Organizational Chart that the Contractor intends to use to execute the contract if awarded to him. Indicate in the chart the names of the Project Manager, Project Engineer, Materials and Quality Control Engineer, Foreman and the other Key Engineering Personnel.



1. *This Organizational Chart should represent the "Contractor's Organization" required for the Project, and not the organizational chart of the entire firm.*
2. *The Bidders shall comply with and submit sample form for each of such key personnel..*
3. *Each such nominated engineer/key personnel shall comply and submit "Key Personnel Bio-data" and Qualification of Key Personnel Proposed to be assigned to the Contract.*
4. *All these are required to be in the Technical Envelope of the Bidder.*

Contract Reference Number:
Name of the Contract:
Location of the Contract

CONTRACTOR'S CERTIFICATION OF KEY PERSONNEL FOR THE CONTRACT

Date of Issuance

*EDGAR S. LIGNES
City Mayor
Local Government Unit
El Salvador City, Misamis Oriental*

Dear Sir / Madame:

Supplementing our Organizational Chart for the contract stated above, we submit and certify as true and correct the following information:

1. That we engaged the services of the following key personnel to the duties of the positions indicated Contract stated above if it is awarded to us:

Proposed Position	Name	Cost of Biggest Project Handled by person	Minimum Requirement	Experience of Person (years)	Minimum Requirement Experience of a Person

2. We submit the enclosed affidavits of commitment to work on the Contract of these personnel.
3. We ensure that the personnel mentioned above shall employ their best care, skill and ability in performing the duties of their respective positions in accordance with the provisions of the Contract; including the Conditions of the Contract, Specifications, and Drawings and that they shall be personally present in the jobsite during the period of their assignment in the contract.
4. In the event that we choose to replace any of the key personnel mentioned above, we shall submit to you in writing the least fourteen (14) days before making the replacement whose experience shall be equal to or better than the person to be replaced.
5. We understand that any violation of the conditions stated above shall be sufficient ground for us to be disqualified from this contract and future bidding of the LGU-El Salvador City.

Very truly yours,

(Authorized Representative of the Bidder)

Contract Reference Number:
 Name of the Contract:
 Location of the Contract

KEY PERSONNEL's AFFIDAVIT OF COMMITMENT TO WORK IN THE CONTRACT

Date

EDGAR S. LIGNES
 City Mayor
 Local Government Unit
 El Salvador City, Misamis Oriental

Dear Sir / Madame:

1. I confirm that (Name of Bidder) has engaged my services for the position of (Designation) in the Contract stated above if it is awarded to the Contractor.
2. I, therefore, commit to assume the said position in the Contract stated above once it is awarded to the Contractor, and I shall employ the best care, skill, and ability to perform the duties of such position in accordance with the Conditions of Contract, Specifications, drawings and other provisions of the Contract Agreement. I am aware that I have to stay in the jobsite for the duration of my assignment.
3. I do not allow using my name to enable the Contractor to qualify for the Contract stated above without my commitment to assume the said position, since I understand that to do so shall be a sufficient ground for my disqualification from this Contract and future biddings of the COA.
4. I submit, and certify as true and correct, my bio-data as follows:
 - a. Name : _____
 - b. Date of Birth : _____
 - c. Nationality : _____
 - d. Educational Attainment : _____
 - e. Specialty : _____
 - f. PRC License No. and Date : _____
 - g. Employment Record : _____

Name & Address of Employer	Position	From (Year)	To (Year)	Total Period (Year)

h. Work Experience (Project Handled):

i. Project Name & Location ii. Owner's Name & Address iii. My Position	i. Project Description ii. Total Project Cost	i. Part of Project Handled ii. Cost of Part	i. Start Date ii. Completed Date
Completed Projects			
On-going Projects			

Very truly yours,

 Signature of Engineer

Noted by:

 Authorized Representative of the Bidder

DRY SEAL

REPUBLIC OF THE PHILIPPINES)
CITY OF _____)

SUBSCRIBED AND SWORN TO before me this _____ day of _____ at _____, affiant exhibiting to me his/her Residence Certificate No. _____ issued on _____ at _____.

NOTARY PUBLIC

Doc No. :
Page No.:
Book No.:
Series of _____

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (viz., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the Contract to be bid, with their complete qualification and experience data (including the key personnel's assigned written commitment to work for the project once awarded the contract).

Contract Reference Number:
 Name of the Contract:
 Location of the Contract

Qualification of Key Personnel Proposed to be Assign to the Contract

Business Name: _____
 Business Address: _____

	<i>Project Manager</i>	<i>Project Engineer</i>	<i>Materials Engineer</i>	<i>Construction Foremen</i>
1. <i>Name</i>				
2. <i>Address</i>				
3. <i>Date of Birth</i>				
4. <i>Employed Since</i>				
5. <i>Experience</i>				
6. <i>Previous Employment</i>				
7. <i>Education</i>				
8. <i>PRC License</i>				

Minimum Requirements: Project Manager/Engineer
 Materials Engineer
 Safety Officer
 Foreman

Note: Attached individual resume and PRC License of the (professional) personnel.

Submitted by: _____
 Printed Name & Signature

Designation: _____
 Date: _____

One of the requirements from the Bidder to be included in its Technical Envelope is a list of contractor's key personnel (viz., Project Manager, Project Engineers, Materials Engineers and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (including the key personnel's signed written commitment to work for the project once awarded the contract.

Contract Reference Number:
Name of the Contract:
Location of the Contract

**KEY PERSONNEL
(FORMAT OF BIO-DATA)**

Give the detailed information of the following personnel who are scheduled to be assigned as full-time field staff for the project. Fill-up a form for each person.

- **Authorized Managing Officer / Representative**
- **Sustained Technical Employee**

1. **Name** : _____
2. **Date of Birth** : _____
3. **Nationality** : _____
4. **Education and Degree Attained** : _____
5. **Specialty** : _____
6. **Valid Licensed/Registration No.** : _____
7. **Length of Service with the Firm** : _____
8. **Years of Experience** : _____
9. **Previous Employers** : _____

10. **If item 7 is less than 10 years, give name and length of service with previous employers for a ten (10) year period (attached additional sheet/(s), if necessary:**

11. **Experience:**

This should cover the past ten (10) years of experience. (Attached as many pages as necessary to show involvement of personnel in projects using the format below:

1. **Name** : _____
2. **Name and Address of Owner** : _____
3. **Name and Address of the Owner's Engineer (Consultant)** : _____
4. **Indicate the Features of Project (particulars of the project components and any other particular interest connected with the project)** : _____
5. **Contract Amount Expressed in Philippine Currency** : _____
6. **Position** : _____
7. **Structures for which the employee was responsible** : _____
8. **Assignment Period** : from _____ (months) _____ (years) to _____ (months) _____ (years)

Name and Signature of Employee

It is hereby certify that the above personnel can be assigned to this project, if the contract is awarded to our company.

(Place and Date)

(The Authorized Representative)

Contract Reference Number:
 Name of the Contract:
 Location of the Contract:

List of Equipment, Owned or Leased and / or under Purchase Agreement, Pledge to the Proposed Contract

Business Name : _____
 Business Address : _____

Description	Model / Year	Capacity / Performance / Size	Plate No.	Motor No. / Body No.	Location	Condition	Proof of Ownership / Lessor or Vendor
A. <u>Owned:</u>							
I.							
II.							
III.							
IV.							
V.							
B. <u>Leased:</u>							
I.							
II.							
III.							
IV.							
V.							
C. <u>Under Purchase Agreement</u>							
I.							
II.							
III.							
IV.							
V.							

List of major equipment required for the project:

Submitted by : _____
 (Printed Name & Signature)
 Designation : _____
 Date : _____

One of the requirements from the Bidder to be included in its Technical Envelope is a list of its equipment units pledge for the contract to be bid, which are owned (supported by proof/s of ownership) leased, and/or under purchase agreements (with corresponding engine numbers, chassis number and/or serial numbers), supported by certification of availability of equipment from the equipment lessor/vendor for the duration of the project.

Contract Reference Number:
 Name of the Contract:
 Location of the Contract:

MANPOWER UTILIZATION SCHEDULE

Category	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Contractor's Name:			Name of the Procuring Entity:					Contract Name:				

Submitted by:

Date: _____

Name of the Representative of the Bidder
Position
Name of the Bidder

The manpower schedule (weekly or monthly scheduling of skilled and unskilled workers, including Project Manager, Project Engineers, Material Engineers, or Foremen) is required in the Technical Envelope of the Bidder.

Contract Reference Number:
Name of the Contract:
Location of the Contract:

**OUTLINE
NARRATIVE DESCRIPTION
OF
CONSTRUCTION METHODS**

1.0 INTRODUCTION

Refer to Bidding, etc.

2.0 BRIEF DESCRIPTION OF CONTRACT WORKS

State general features of contract works. Use tables as necessary

3.0 CONSTRUCTION METHODS AND PROCEDURES

3.1 Methodology of General Approach

State general approach in construction in terms of use of equipment – intensive of labor-based methods, any special techniques, methods or procedures to ensure completion on time and quality of construction financing the project, etc.

3.2 Program of Work

CPM, Progress Bar Schedule and Development Schedules submitted.

3.3 Financial Program

Cash flow schedules, provision for working capital, schedule of receipts, etc.

The narrative description of construction procedures / methods is required to be in the Technical Envelope of the bidder. The above is the recommended outline in the bidder's presentation of the documents.

Contract Reference Number:
Name of the Contract:
Location of the Contract:

CASH FLOW BY QUARTER AND PAYMENT SCHEDULE

PARTICULAR	% WT	1 st QUARTER	2 nd QUARTED	3 rd QUARTER	4 th QUARTER
Accomplishment					
Cash Flow					
Cumulative Accomplishment					
Cumulative Cash Flow					

Submitted by:

Date: _____

Name of the Representative of the Bidder
Position
Name of the Bidder

One of the requirements from the bidder to be included in the Financial Envelope is the cash flow by quarter and payment schedule.

**NET FINANCIAL CONTRACTING CAPACITY (NFCC)
COMPUTATION FOR ELIGIBILITY CHECK**

- A. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attaché income tax return and audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year and a certified copy of Schedule of Fixed Assets particularly the list of construction equipment.

		Year 20__
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net Worth (1-3)	
6.	Net Working Capital (2-4)	

- B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC = [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started, coinciding with the contract to be bid.

The value of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements (AFS) submitted to the BIR.

The Bidder shall attach the AFS to the NFCC Computation for Eligibility Check Form.

NFCC = ₱ _____

Submitted by:

Name of Supplier/Distributor/Manufacturer

Signature of Authorized Representative

Date: _____

Name of Procuring Entity:
 Project Reference Number:
 Name of the Project :
 Location of the Project:

List of all Ongoing Government & Private Contracts including contracts awarded but not yet started

Business Name : _____
 Business Address : _____

Name of Contract/Location Project Cost	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Contractor's Role		a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works
			Description	%		Planned	Actual	
<u>Government</u>								
<u>Private</u>								
Total Cost								

Note: This statement shall be supported with:
 1 Notice of Award and/or Contract
 2 Notice to Proceed issued by the owner

Submitted by : _____
 (Printed Name & Signature)
 Designation : _____
 Date : _____

One of the technical documents required to be in the Eligibility Envelope of a bidder is a list of all its on-going, completed, and awarded but not yet started contracts.

Name of Procuring Entity:
 Project Reference Number:
 Name of the Project :
 Location of the Project:

Statement of Single Largest completed contract similar to the Contract to be Bid

Business Name : _____
 Business Address : _____

Name of Contract	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Contractor's Role		a. Amount of Award b. Amount of Completion c. Duration	d. Date Awarded e. Contract Effectivity f. Date Completed
			Description	%		
<u>Government</u>						
<u>Private</u>						

Submitted by : _____
 (Printed Name & Signature)
 Designation : _____
 Date : _____