

# **PHILIPPINE BIDDING DOCUMENTS**

(As Harmonized with Development Partners)

Government of the Republic of the Philippines

Province of Albay

**CITY OF TABACO**

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## **Procurement of Infrastructure Projects**

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**CONSTRUCTION/REHABILITATION/  
IMPROVEMENT OF VARIOUS  
INFRASTRUCTURES  
(RIVER CONTROL, RIVER CHANNEL &  
PORT), VARIOUS BARANGAYS, TABACO CITY**

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**Contract ID No. 009-07-2022-INFRA**

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**July 26, 2022**

**Sixth Edition  
July 2020**

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# *Glossary of Terms, Abbreviations, and Acronyms*

**ABC** – Approved Budget for the Contract.

**ARCC** – Allowable Range of Contract Cost.

**BAC** – Bids and Awards Committee.

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

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

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

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**CDA** – Cooperative Development Authority.

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

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

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

**CPI** – Consumer Price Index.

**DOLE** – Department of Labor and Employment.

**DTI** – Department of Trade and Industry.

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

**GFI** – Government Financial Institution.

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

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

**GOP** – Government of the Philippines.

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

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PCAB** – Philippine Contractors Accreditation Board.

**PhilGEPS** - Philippine Government Electronic Procurement System.

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

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**UN** – United Nations.

***Section I. Invitation to Bid***



Republic of the Philippines  
Province of Albay  
**CITY GOVERNMENT OF TABACO**  
Tabaco City

**Bids and Awards Committee**

Invitation to Bid for  
**Construction/Rehabilitation/Improvement of Various Infrastructures  
(River Control, River Channel & Port)  
Various Barangays, Tabaco City  
Contract ID No. 009-07-2022-INFRA**

1. The *City Government of Tabaco*, through the *20% City Development Fund 2017-SB#2, 20% City Development Fund 2022, General Fund-Capital Outlay 2022, and LDRRMF 2022* intends to apply the sum of *Forty-Six Million Five Hundred Thousand Pesos (Php 46,500,000.00)* being the Approved Budget for the Contract (ABC) to payments under the contract for the *Construction/Rehabilitation/ Improvement of Various Infrastructures (River Control, River Channel & Port), Various Barangays, Tabaco City under Contract ID No. 009-07-2022-INFRA*. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The *City Government of Tabaco* now invites bids for the above Procurement Project. Completion of the Works is required *within 240 calendar days from receipt of Notice to Proceed*. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from the *City Government of Tabaco* and inspect the Bidding Documents at the address given below from *9:00 A.M. to 4:00 P.M.*
5. A complete set of Bidding Documents may be acquired by interested bidders on *July 26-August 15, 2022* from given address and website/s below *and upon payment of the applicable fee for the Bidding Documents*, pursuant to the latest Guidelines issued by the GPPB, in the amount of *Twenty-Five Thousand (P25,000.00)*. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.
6. The *City Government of Tabaco* will hold a Pre-Bid Conference on *August 03, 2022, 9:30AM, BAC Conference Room, 2F Annex Bldg., Tabaco City Hall, Tabaco City*, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below on or before *9:00AM, August 15, 2022*. Late bids shall not be accepted.
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.

9. Bid opening shall be on **August 15, 2022, 9:30AM** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. **Other Necessary Information:**

**Minimum PCAB License Category:** General Engineering

**Project Size Range:** Irrigation and Flood Control – Medium A

**Minimum Manpower Requirements:**

- 1 Project Manager
- 1 Project Engineer
- 1 Materials Engineer
- 7 Construction Foreman
- 2 Safety Officer
- 6 First Aider
- 50 Skilled Laborer
- 70 Common Laborer

**Minimum Equipment Required:**

- 1 unit Jackhammer with Aircompressor
- 5 units One Bagger Concrete Mixer
- 1 unit Dewatering Pump
- 5 units Bar Cutter/Bender
- 1 unit Road Roller, vibratory, single smooth drum
- 1 unit Concrete Cutter
- 1 unit Road Grader, 140Hp/G710A
- 3 units Backhoe, crawler type, 0.80cu.m.
- 3 units Stake Truck
- 1 unit Self Loading Truck
- 1 unit Concrete Vibrator
- 1 unit Water Tank Truck (1000 gals)
- Enough Handtools

11. The **City Government of Tabaco** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

12. For further information, please refer to:

**Atty. Jovito Bron Coderis, Jr.**  
BAC Chairman / City Legal Office  
BAC Office / City Legal Office  
2F Annex Bldg., Tabaco City Hall, Tabaco City  
Email: [bactabaco16@gmail.com](mailto:bactabaco16@gmail.com)  
Website: [tabacocity.gov.ph](http://tabacocity.gov.ph)

Engr. Roland B. Garcia  
BAC TWG / OIC-GSO  
General Services Office  
2F Annex Bldg., Tabaco City Hall, Tabaco City

13. You may visit the following website:

For downloading of Bidding Documents: [www.tabacocity.com.ph](http://www.tabacocity.com.ph)

July 26, 2022

(Sgd.)  
**ATTY. JOVITO BRON CODERIS, JR.**  
BAC Chairperson

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

## 1. Scope of Bid

The Procuring Entity, *City Government of Tabaco* invites Bids for the *Construction/Rehabilitation/Improvement of Various Infrastructures (River Control, River Channel, & Port), Various Barangays, Tabaco City under Contract ID No. 009-07-2022-INFRA.*

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 *2019, 2020 and 2021-all continuing 2021* in the amount of *Forty-Six Million Five Hundred Thousand Pesos (Php 46,500,000.00)*

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

## 3. Bidding Requirements

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

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

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

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

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

## 5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. The Bidder must have an experience of having completed a *Single Largest Completed Contract (SLCC)* that is similar to this Project, equivalent *to at least*

*fifty percent (50%) of the ABC* adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be "similar" to the contract to be bid if it has the major categories of work stated in the **BDS**.

- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

## **6. Origin of Associated Goods**

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

## **7. Subcontracts**

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

*The Procuring Entity has prescribed that subcontracting is not allowed.*

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

## **8. Pre-Bid Conference**

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address as indicated in paragraph 6 of the **IB**.

## **9. Clarification and Amendment of Bidding Documents**

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

## **10. Documents Comprising the Bid: Eligibility and Technical Components**

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For

Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.
- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

## **11. Documents Comprising the Bid: Financial Component**

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

## **12. Alternative Bids**

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

## **13. Bid Prices**

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

## **14. Bid and Payment Currencies**

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

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

## **15. Bid Security**

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

15.2. The Bid and bid security shall be valid until **December 12, 2022**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## **16. Sealing and Marking of Bids**

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission to the given website or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

## **17. Deadline for Submission of Bids**

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

## **18. Opening and Preliminary Examination of Bids**

18.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

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

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

## **19. Detailed Evaluation and Comparison of Bids**

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

- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

## **20. Post Qualification**

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

## **21. Signing of the Contract**

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

*Section III. Bid Data Sheet*

# Bid Data Sheet

ITB Clause																																								
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be <b><i>construction/rehabilitation improvement/ repair of river/flood control</i></b>																																							
7.1	<i>Subcontracting is not allowed.</i>																																							
10.3	PCAB Registration Particular includes the following:  Kind of Project and Size Range <b>Irrigation and Flood Control – Medium A</b>																																							
10.4	The key personnel must meet the required minimum years of experience set below.  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><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</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Project Engineer</td> <td style="text-align: center;">5</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Construction Foreman</td> <td style="text-align: center;">3</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Safety Officer</td> <td style="text-align: center;">3</td> <td style="text-align: center;">1</td> </tr> <tr> <td>First Aider</td> <td style="text-align: center;">3</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	Project Manager	5	3	Project Engineer	5	3	Construction Foreman	3	1	Safety Officer	3	1	First Aider	3	1																					
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10.5	The minimum major equipment requirements are the following:  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><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>Jackhammer with Aircompressor</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> </tr> <tr> <td>One Bagger Concrete Mixer</td> <td style="text-align: center;">-</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Dewatering Pump</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Bar Cutter/Bender</td> <td style="text-align: center;">-</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Road Roller, vibratory, single smooth drum</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Concrete Cutter</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Road Grader</td> <td style="text-align: center;">140Hp/G710A</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Backhoe, crawler type</td> <td style="text-align: center;">0.80cu.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Stake Truck</td> <td style="text-align: center;">-</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Self Loading Truck</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Concrete Vibrator</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Water Tank Truck</td> <td style="text-align: center;">1000 gals</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	Jackhammer with Aircompressor	-	1	One Bagger Concrete Mixer	-	5	Dewatering Pump	-	1	Bar Cutter/Bender	-	5	Road Roller, vibratory, single smooth drum	-	1	Concrete Cutter	-	1	Road Grader	140Hp/G710A	1	Backhoe, crawler type	0.80cu.m.	3	Stake Truck	-	3	Self Loading Truck	-	1	Concrete Vibrator	-	1	Water Tank Truck	1000 gals	1
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12	Alternative Bids shall not be accepted.																																							
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: a. The amount of not less than <b><i>Php 930,000.00 [2% of ABC]</i></b> , draft/guarantee or irrevocable letter of credit;  b. The amount of not less than <b><i>Php 2,325,000.00 [5% of ABC]</i></b> if bid security is in Surety Bond.																																							
16	Each Bidder shall submit one (1) original and two (2) copies of the first and second components of its bid. Should there be discrepancies, the original copy would prevail.																																							
19.2	Partial bids are not allowed.																																							
20	None																																							

21	<p>Additional contract documents relevant to the Project:</p> <ul style="list-style-type: none"><li><i>a.</i> Construction Safety and Health Program approved by the DOLE;</li><li><i>b.</i> Contractor's All Risk Insurance (CARI);</li><li><i>c.</i> Construction Schedule and S-curve / Bar Chart / PERT CPM Network Diagram and detailed computations of contract time.</li><li><i>d.</i> Manpower Utilization Schedule</li><li><i>e.</i> Narrative Description of Construction Procedures and Methods</li><li><i>f.</i> Equipment Utilization Schedule</li></ul>
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## ***Section IV. General Conditions of Contract***

## 1. Scope of Contract

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

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

## 2. Sectional Completion of Works

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

## 3. Possession of Site

4.1. The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.

4.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

## 4. The Contractor's Obligations

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB** Clause 10.3 and specified in the **BDS**, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

## 5. Performance Security

5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.

5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

## **6. Site Investigation Reports**

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the SCC supplemented by any information obtained by the Contractor.

## **7. Warranty**

7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.

7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the SCC.

## **8. Liability of the Contractor**

Subject to additional provisions, if any, set forth in the SCC, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Contractor is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

## **9. Termination for Other Causes**

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in ITB Clause 4.

## **10. Dayworks**

Subject to the guidelines on Variation Order in Annex "E" of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the SCC, the Day works rates in the Contractor's Bid shall be used for small additional amounts of work only when the Procuring Entity's Representative has given written instructions in advance for additional work to be paid for in that way.

## **11. Program of Work**

11.1. The Contractor shall submit to the Procuring Entity's Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the SCC.

- 11.2. The Contractor shall submit to the Procuring Entity's Representative for approval an updated Program of Work at intervals no longer than the period stated in the **SCC**. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity's Representative may withhold the amount stated in the **SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

## **12. Instructions, Inspections and Audits**

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

## **13. Advance Payment**

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the **SCC**, subject to the requirements in Annex "E" of the 2016 revised IRR of RA No. 9184.

## **14. Progress Payments**

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity's Representative/Project Engineer. Except as otherwise stipulated in the **SCC**, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

## **15. Operating and Maintenance Manuals**

- 15.1. If required, the Contractor will provide "as built" Drawings and/or operating and maintenance manuals as specified in the **SCC**.
- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity's Representative's approval, the Procuring Entity's Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

## ***Section V. Special Conditions of Contract***

# Special Conditions of Contract

GCC Clause	
2	No sectional completion.
4.1	Upon receipt of Notice to Proceed.
6	None
7.2	Five (5) years.
10	No day works are applicable to the contract.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <i>[insert number]</i> days of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is <i>[insert amount]</i> .
13	The amount of the advance payment is <i>15% of the total contract price and schedule of payment</i>
14	Materials and equipment delivered on the site but not completely put in place shall not be included for payment.
15.1	The date by which "as built" drawings are required is after completion of the project.
15.2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is <i>[amount in local currency]</i> .

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

**Project Title: Construction/Rehabilitation/Improvement of Various Public Infrastructures (River Control, River Channel, & Port)**

**Location: Various Barangays, Tabaco City**

**Contract ID No. 009-07-2022-INFRA**

**Approved Budget for the Contract (ABC): Php 46,500,000.00**

**Duration: 240 Calendar Days**

<b>Item No.</b>	<b>Project Description</b>	<b>Approved Budget per Item (Php)</b>
1.	Rehabilitation/Improvement of Bangkilingan River Control, Brgy. Bangkilingan, Tabaco City	2,000,000.00
2.	Rehabilitation/Improvement of San Ramon River Control, Brgy. San Ramon, Tabaco City	3,000,000.00
3.	Construction/Improvement of Sua-Igot River Control, Brgy. Sua-Igot, Tabaco City	3,000,000.00
4.	Rehabilitation/Improvement of Bacolod River Control, Brgy. Bacolod, Tabaco City	2,000,000.00
5.	Construction/Improvement of Bogñabong-Mariroc River Control, Bogñabong-Mariroc Section, Brgy. Mariroc, Tabaco City	4,000,000.00
6.	Construction/Improvement of Mariroc River Control, Brgy. Mariroc, Tabaco City	4,000,000.00
7.	Construction/Improvement of Pinagbobong-San Vicente River Control, Brgy. Pinagbobong, Tabaco City	5,000,000.00
8.	Rehabilitation/Improvement of Cormidal River Control, Brgy. Cormidal, Tabaco City	4,000,000.00
9.	Rehabilitation/Improvement of Tayhi River Control, Brgy. Tayhi, Tabaco City	3,000,000.00
10.	Rehabilitation/Improvement of Cobo-Baranghawon River Control, Brgy. Baranghawon, Tabaco City	3,000,000.00
11.	Rehabilitation/Improvement of San Roque River Control, Brgy. San Roque, Tabaco City	3,000,000.00
12.	Rehabilitation/Improvement of San Roque Fishport, Brgy. San Roque, Tabaco City	2,500,000.00
13.	Rehabilitation/Improvement of San Vicente River Control, Brgy. San Vicente Tabaco City	1,000,000.00
14.	Rehabilitation/Improvement of Matagbac River Control, Brgy. Matagbac, Tabaco City	2,000,000.00
15.	Rechanneling/Desilting of Tagas River, Cobo-Baranghawon Section (Upstream of Basud Bridge), Tabaco City	5,000,000.00

## SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

### **1. Rehabilitation/Improvement of Bangkilingan River Control, Brgy. Bangkilingan, Tabaco City**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **SPL - 1 Temporary Diversion of Waterways**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

#### **SPL - 2 Clearing & Demolition Works**

This item of works includes the clearing and demolition works for the damaged existing structures. Cleaning and clearing of site before and after construction.

#### **103 Excavation for Structures**

This item of work consists of excavation and the disposal of material in accordance with this Specification and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. The Contractor shall notify the Engineer sufficiently in advance of the beginning of any excavation so that cross-sectional elevations and measurements may be taken on the undisturbed ground. The natural ground adjacent to the structure shall not be disturbed without permission of the Engineer. Boulders, Logs, and other objectionable materials encountered in excavation shall be removed. After each excavation is completed, the Contractor shall notify the Engineer to that effect and no footing, bedding material or pipe culvert shall be placed until the Engineer has approved the depth of excavation and the character of the foundation material. The surplus Materials shall be disposed of in such manner as not to obstruct the stream or otherwise impair the efficiency or appearance of the structure. No excavated materials shall be deposited at any time so as to endanger the partly finished structure.

#### **404 Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

#### **405 Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland Cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

#### **516 Handlaid Rock Embankment**

This item shall consist of hand-laid rock embankment, as designated in the Bid Schedule, constructed in accordance with this Specification and in conformity with the lines and grades shown on the Plans or established by the Engineer.

Stones shall be sound and durable and furnished in a well-balanced ranged of sizes meeting the requirements herein.

Unless otherwise provided by the Plans or Special provisions, all stones shall be more than 0.015 cubic meter in volume and not less than 75 percent of the total volume of rock embankment and shall consist of stones 0.03 cubic meter in volume. Stones obtained from excavation performed under this contract may be used. Adobe stone shall not be used, unless otherwise specified.

#### **504 Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

#### **SPL - 3 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

#### **SPL 4. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

#### **SPL 5. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

<b>2. Rehabilitation/Improvement of San Ramon River Control, Brgy. San Ramon, Tabaco City</b>
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All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **SPL - 1 Temporary Diversion of Waterway**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

#### **SPL - 2 Clearing & Demolition Works**

This item of works includes the clearing and demolition works for the damaged existing structures. Cleaning and clearing of site before and after construction.

#### **103 Excavation for Structures**

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#### **404 Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

#### **405 Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland Cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

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Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

#### **SPL - 3 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

#### **SPL 4. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

#### **SPL 5. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

<b>3. Construction/Improvement of Sua-Igot River Control, Brgy. Sua-Igot, Tabaco City</b>
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All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **SPL - 1 Temporary Diversion of Waterway**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

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This item of works includes the clearing and demolition works for the damaged existing structures. Cleaning and clearing of site before and after construction.

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#### **404 Reinforcing Steel**

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#### **516 Handlaid Rock Embankment**

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Stones shall be sound and durable and furnished in a well-balanced ranged of sizes meeting the requirements herein.

Unless otherwise provided by the Plans or Special provisions, all stones shall be more than 0.015 cubic meter in volume and not less than 75 percent of the total volume of rock embankment and shall consist of stones 0.03 cubic meter in volume. Stones obtained from excavation performed under this contract may be used. Adobe stone shall not be used, unless otherwise specified.

### **504 Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

### **SPL - 3 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

### **SPL 4. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

### **SPL 5. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

<b>4. Rehabilitation/Improvement of Bacolod River Control, Brgy. Bacolod, Tabaco City</b>
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All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

**SPL - 1 Temporary Diversion of Waterway**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

**SPL - 2 Clearing & Demolition Works**

This item of works includes the clearing and demolition works for the damaged existing structures. Cleaning and clearing of site before and after construction.

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#### **SPL - 3 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project.

#### **SPL 4. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

#### **SPL 5. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

## **5. Construction/Improvement of Bogñabong-Mariroc River Control, Bogñabong-Mariroc Section, Brgy. Mariroc, Tabaco City**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

### **SPL - 1 Temporary Diversion of Waterway**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

### **SPL - 2 Clearing Works**

This item of works includes the clearing and demolition works for the existing structures. Cleaning and clearing of site before and after construction.

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#### **504 Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

#### **SPL - 3 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

#### **SPL 4. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

#### **SPL 5. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

## **6. Construction/Improvement of Mariroc River Control, Brgy. Mariroc, Tabaco City**

### **SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **SPL - 1 Temporary Diversion of Waterway**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

#### **SPL - 2 Clearing & Grubbing**

This item of work consists of clearing, grubbing, removing and disposing all vegetation and debris as designated in the Contract, except those objects that are designated to remain in place or are to be removed in consonance with other provisions of this Specification. The work shall also include the preservation from injury or defacement of all objects designated to remain.

#### **103 Excavation for Structures**

This item of work consists of excavation and the disposal of material in accordance with this Specification and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. The Contractor shall notify the Engineer sufficiently in advance of the beginning of any excavation so that cross-sectional elevations and measurements may be taken on the undisturbed ground. The natural ground adjacent to the structure shall not be disturbed without permission of the Engineer. Boulders, Logs, and other objectionable materials encountered in excavation shall be removed. After each excavation is completed, the Contractor shall notify the Engineer to that effect and no footing, bedding material or pipe culvert shall be placed until the Engineer has approved the depth of excavation and the character of the foundation material. The surplus Materials shall be disposed of in such manner as not to obstruct the stream or otherwise impair the efficiency or appearance of the structure. No excavated materials shall be deposited at any time so as to endanger the partly finished structure.

#### **404 Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

#### **405 Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland Cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

### **516 Handlaid Rock Embankment**

This item shall consist of hand-laid rock embankment, as designated in the Bid Schedule, constructed in accordance with this Specification and in conformity with the lines and grades shown on the Plans or established by the Engineer.

Stones shall be sound and durable and furnished in a well-balanced ranged of sizes meeting the requirements herein.

Unless otherwise provided by the Plans or Special provisions, all stones shall be more than 0.015 cubic meter in volume and not less than 75 percent of the total volume of rock embankment and shall consist of stones 0.03 cubic meter in volume. Stones obtained from excavation performed under this contract may be used. Adobe stone shall not be used, unless otherwise specified."

### **504 Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

### **SPL - 3 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

### **SPL 4. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

### **SPL 5. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

<b>7. Construction/Improvement of Pinagbobong-San Vicente River Control, Brgy. Pinagbobong, Tabaco City</b>
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### **SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **SPL - 1 Temporary Diversion of Waterway**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

#### **SPL - 2 Clearing & Demolition Works**

This item of works includes the clearing and demolition works for the damaged existing structures. Cleaning and clearing of site before and after construction.

#### **103 Excavation for Structures**

This item of work consists of excavation and the disposal of material in accordance with this Specification and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. The Contractor shall notify the Engineer sufficiently in advance of the beginning of any excavation so that cross-sectional elevations and measurements may be taken on the undisturbed ground. The natural ground adjacent to the structure shall not be disturbed without permission of the Engineer. Boulders, Logs, and other objectionable materials encountered in excavation shall be removed. After each excavation is completed, the Contractor shall notify the Engineer to that effect and no footing, bedding material or pipe culvert shall be placed until the Engineer has approved the depth of excavation and the character of the foundation material. The surplus Materials shall be disposed of in such manner as not to obstruct the stream or otherwise impair the efficiency or appearance of the structure. No excavated materials shall be deposited at any time so as to endanger the partly finished structure.

#### **404 Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

#### **405 Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland Cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

#### **516 Handlaid Rock Embankment**

This item shall consist of hand-laid rock embankment, as designated in the Bid Schedule, constructed in accordance with this Specification and in conformity with the lines and grades shown on the Plans or established by the Engineer.

Stones shall be sound and durable and furnished in a well-balanced ranged of sizes meeting the requirements herein.

Unless otherwise provided by the Plans or Special provisions, all stones shall be more than 0.015 cubic meter in volume and not less than 75 percent of the total volume of rock embankment and shall consist of stones 0.03 cubic meter in volume. Stones obtained from excavation performed under this contract may be used. Adobe stone shall not be used, unless otherwise specified."

#### **504 Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

#### **SPL - 3 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

#### **SPL 4. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

#### **SPL 5. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

<b>8. Rehabilitation/Improvement of Cormidal River Control, Brgy. Cormidal, Tabaco City</b>
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### **SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **SPL - 1 Temporary Diversion of Waterway**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

#### **SPL - 2 Clearing & Demolition Works**

This item of works includes the clearing and demolition works for the damaged existing structures. Cleaning and clearing of site before and after construction.

#### **103 Excavation for Structures**

This item of work consists of excavation and the disposal of material in accordance with this Specification and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. The Contractor shall notify the Engineer sufficiently in advance of the beginning of any excavation so that cross-sectional elevations and measurements may be taken on the undisturbed ground. The natural ground adjacent to the structure shall not be disturbed without permission of the Engineer. Boulders, Logs, and other objectionable materials encountered in excavation shall be removed. After each excavation is completed, the Contractor shall notify the Engineer to that effect and no footing, bedding material or pipe culvert shall be placed until the Engineer has approved the depth of excavation and the character of the foundation material. The surplus Materials shall be disposed of in such manner as not to obstruct the stream or otherwise impair the efficiency or appearance of the structure. No excavated materials shall be deposited at any time so as to endanger the partly finished structure.

#### **404 Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

#### **405 Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland Cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

#### **516 Handlaid Rock Embankment**

This item shall consist of hand-laid rock embankment, as designated in the Bid Schedule, constructed in accordance with this Specification and in conformity with the lines and grades shown on the Plans or established by the Engineer.

Stones shall be sound and durable and furnished in a well-balanced ranged of sizes meeting the requirements herein.

Unless otherwise provided by the Plans or Special provisions, all stones shall be more than 0.015 cubic meter in volume and not less than 75 percent of the total volume of rock embankment and shall consist of stones 0.03 cubic meter in volume. Stones obtained from excavation performed under this contract may be used. Adobe stone shall not be used, unless otherwise specified."

#### **504 Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

#### **SPL - 3 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

#### **SPL 4. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

#### **SPL 5. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

## **9. Rehabilitation/Improvement of Tayhi River Control, Brgy. Tayhi, Tabaco City**

### **SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **SPL - 1 Temporary Diversion of Waterway**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

#### **SPL - 2 Clearing & Demolition Works**

This item of works includes the clearing and demolition works for the damaged existing structures. Cleaning and clearing of site before and after construction.

#### **103 Excavation for Structures**

This item of work consists of excavation and the disposal of material in accordance with this Specification and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. The Contractor shall notify the Engineer sufficiently in advance of the beginning of any excavation so that cross-sectional elevations and measurements may be taken on the undisturbed ground. The natural ground adjacent to the structure shall not be disturbed without permission of the Engineer. Boulders, Logs, and other objectionable materials encountered in excavation shall be removed. After each excavation is completed, the Contractor shall notify the Engineer to that effect and no footing, bedding material or pipe culvert shall be placed until the Engineer has approved the depth of excavation and the character of the foundation material. The surplus Materials shall be disposed of in such manner as not to obstruct the stream or otherwise impair the efficiency or appearance of the structure. No excavated materials shall be deposited at any time so as to endanger the partly finished structure.

#### **404 Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

#### **405 Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland Cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

#### **516 Handlaid Rock Embankment**

This item shall consist of hand-laid rock embankment, as designated in the Bid Schedule, constructed in accordance with this Specification and in conformity with the lines and grades shown on the Plans or established by the Engineer.

Stones shall be sound and durable and furnished in a well-balanced ranged of sizes meeting the requirements herein.

Unless otherwise provided by the Plans or Special provisions, all stones shall be more than 0.015 cubic meter in volume and not less than 75 percent of the total volume of rock embankment and shall consist of stones 0.03 cubic meter in volume. Stones obtained from excavation performed under this contract may be used. Adobe stone shall not be used, unless otherwise specified."

#### **504 Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

#### **SPL - 3 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

#### **SPL 4. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

#### **SPL 5. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

<b>10. Rehabilitation/Improvement of Cobo-Baranghawon River Control, Brgy. Baranghawon, Tabaco City</b>
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### **SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **SPL - 1 Temporary Diversion of Waterway**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

#### **SPL - 2 Clearing & Demolition Works**

This item of works includes the clearing and demolition works for the damaged existing structures. Cleaning and clearing of site before and after construction.

#### **103 Excavation for Structures**

This item of work consists of excavation and the disposal of material in accordance with this Specification and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. The Contractor shall notify the Engineer sufficiently in advance of the beginning of any excavation so that cross-sectional elevations and measurements may be taken on the undisturbed ground. The natural ground adjacent to the structure shall not be disturbed without permission of the Engineer. Boulders, Logs, and other objectionable materials encountered in excavation shall be removed. After each excavation is completed, the Contractor shall notify the Engineer to that effect and no footing, bedding material or pipe culvert shall be placed until the Engineer has approved the depth of excavation and the character of the foundation material. The surplus Materials shall be disposed of in such manner as not to obstruct the stream or otherwise impair the efficiency or appearance of the structure. No excavated materials shall be deposited at any time so as to endanger the partly finished structure.

#### **404 Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

#### **405 Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland Cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

#### **516 Handlaid Rock Embankment**

This item shall consist of hand-laid rock embankment, as designated in the Bid Schedule, constructed in accordance with this Specification and in conformity with the lines and grades shown on the Plans or established by the Engineer.

Stones shall be sound and durable and furnished in a well-balanced ranged of sizes meeting the requirements herein.

Unless otherwise provided by the Plans or Special provisions, all stones shall be more than 0.015 cubic meter in volume and not less than 75 percent of the total volume of rock embankment and shall consist of stones 0.03 cubic meter in volume. Stones obtained from excavation performed under this contract may be used. Adobe stone shall not be used, unless otherwise specified."

#### **504 Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

#### **SPL - 3 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

#### **SPL 4. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

#### **SPL 5. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

<b>11. Rehabilitation/Improvement of San Roque River Control, Brgy. San Roque, Tabaco City</b>
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## **SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

### **I. Demolition of Existing Structure**

This Item shall consist of the removal wholly or in part, and satisfactory disposal of all existing damaged structures, old pavements, abandoned pipe lines, and any other obstructions which are not designated or permitted to remain, except for the obstructions to be removed and disposed off under other items in the Contract."

### **II. Temporary Diversion of Waterways**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

### **III. Structure Excavation**

This item of work consists of excavation and the disposal of material in accordance with this Specification and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. The Contractor shall notify the Engineer sufficiently in advance of the beginning of any excavation so that cross-sectional elevations and measurements may be taken on the undisturbed ground. The natural ground adjacent to the structure shall not be disturbed without permission of the Engineer. Boulders, Logs, and other objectionable materials encountered in excavation shall be removed. After each excavation is completed, the Contractor shall notify the Engineer to that effect and no footing, bedding material or pipe culvert shall be placed until the Engineer has approved the depth of excavation and the character of the foundation material. The surplus Materials shall be disposed of in such manner as not to obstruct the stream or otherwise impair the efficiency or appearance of the structure. No excavated materials shall be deposited at any time so as to endanger the partly finished structure.

### **IV. Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

### **V. Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland Cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

### **VI. Formworks**

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

#### **VII. Handlaid Rock Embankment**

This item shall consist of hand-laid rock embankment, as designated in the Bid Schedule, constructed in accordance with this Specification and in conformity with the lines and grades shown on the Plans or established by the Engineer.

Stones shall be sound and durable and furnished in a well-balanced ranged of sizes meeting the requirements herein.

Unless otherwise provided by the Plans or Special provisions, all stones shall be more than 0.015 cubic meter in volume and not less than 75 percent of the total volume of rock embankment and shall consist of stones 0.03 cubic meter in volume. Stones obtained from excavation performed under this contract may be used. Adobe stone shall not be used, unless otherwise specified."

#### **VIII Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

#### **IX. Removal & Disposal of Excavated/ Unsuitable Materials**

This Item shall consist of disposal of excavated materials using staketruck on designated area as directed by the Engineer.

#### **X. Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

#### **XI. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

#### **XII. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

<b>12. Rehabilitation/Improvement of San Roque Fishport, Brgy. San Roque, Tabaco City</b>
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### **SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **I. Rehabilitation/ Improvement of Waterway and Dewatering**

##### **SPL - 1 Temporary Diversion of Waterway**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

##### **SPL - 2 Removal of Damaged/ Dilapidated Existing Structures**

This Item shall consist of the removal wholly or in part, and satisfactory disposal of all damaged structures, old pavements, abandoned pipe lines, and any other obstructions which are not designated or permitted to remain using backhoe, except for the obstructions to be removed and disposed off under other items in the Contract. It shall also include the salvaging of designated materials and backfilling the resulting trenches, holes, and pits.

##### **104-5 Boulder Fill**

Stones shall be laid flat and securely placed with broken joint lines. The larger stones shall generally be located in the lower part of the structure and voids shall be eliminated to the extent possible. Spalls smaller than the minimum stone size specified in Section 506.2, Material Requirements, shall be used to check the larger stones solidly in position and to substantially fill voids between the major stones as laid in the embankment. The exposed face of the rock mass shall be reasonably uniform, with no projections of more than 150mm, beyond the neat lines shown on the Plans or as directed by the Engineer. Backfill adjacent to the hand-laid rock embankment shall be filled entirely with acceptable material coming from excavation items and compacted.

##### **508-B Class II Rocks (500-800 kgs/pc)**

This Item shall consist of hand-laid rock embankment using Class II Rocks, as designated in the Bid Schedule, constructed in accordance with this Specification and in conformity with the lines and grades shown on the Plans or established by the Engineer.

##### **505 Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

##### **902 Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

#### **405 Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland Cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

### **II. Reblocking of 328.72 sq.m x 250mm thk, Roadways**

#### **SPL -3 Concrete Cutting of Existing PCCP & Demolition of Obstruction**

This item of work includes cutting of existing PCCP with the use of concrete cutter and demolition of the damaged concrete using aircompressor with jackhammer.

#### **105 Sub-grade Preparation**

This Item shall consist of the preparation of the subgrade for the support of overlying structural layers using road roller and road grader. It shall extend to full width of the roadway. Unless authorized by the Engineer, subgrade preparation shall not be done unless the Contractor is able to start immediately the construction of the pavement structure.

#### **201 Aggregate Base Course**

This Item shall consist of furnishing, placing and compacting an aggregate base course on a prepared subgrade/subbase in accordance with this Specification and the lines, grades, thickness and typical cross-sections shown on the Plans, or as established by the Engineer.

Aggregate for base course shall consist of hard, durable particles or fragments of crushed stone, crushed slag or crushed or natural gravel and filler of natural or crushed sand or other finely divided mineral matter. The composite material shall be free from vegetable matter and lumps or balls of clay, and shall be of such nature that it can be compacted readily to form a firm, stable base.

#### **311 PCCP (thk= 250mm)**

This Item shall consist of pavement of Portland Cement Concrete, with or without reinforcement, constructed on the prepared base in accordance with this Specification and in conformity with lines, grades, thickness(250mm) and typical crosssection shown on the Plans.

### **V. Removal & Disposal of Excavated/ Unsuitable Materials**

This Item shall consist of disposal of excavated materials using staketruck on designated area as directed by the Engineer.

### **III. Other General Requirements**

#### **SPL - 5 Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project.

#### **SPL 6. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

#### **SPL 7. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

<b>13. Rehabilitation/Improvement of San Vicente River Control, Brgy. San Vicente Tabaco City</b>
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### **SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **I. Temporary Diversion of Waterways**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

#### **II. Demolition of Existing Structure & Obstruction**

This Item shall consist of the removal wholly or in part, and satisfactory disposal of all existing damaged structures, old pavements, abandoned pipe lines, and any other obstructions which are not designated or permitted to remain, except for the obstructions to be removed and disposed off under other items in the Contract."

#### **III. Structure Excavation**

This item of work consists of excavation and the disposal of material in accordance with this Specification and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. The Contractor shall notify the Engineer sufficiently in advance of the beginning of any excavation so that cross-sectional elevations and measurements may be taken on the undisturbed ground. The natural ground adjacent to the structure shall not be disturbed without permission of the Engineer. Boulders, Logs, and other objectionable materials encountered in excavation shall be removed. After each excavation is completed, the Contractor shall notify the Engineer to that effect and no footing, bedding material or pipe culvert shall be placed until the Engineer has approved the depth of excavation and the character of the foundation material. The surplus Materials shall be disposed of in such manner as not to obstruct the stream or otherwise impair the efficiency or appearance of the structure. No excavated materials shall be deposited at any time so as to endanger the partly finished structure.

#### **IV. Embankment**

This item of work consists of supply of labor & materials for filling materials in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer.

#### **V. Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

#### **VI. Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

## **VII. Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland Cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

## **VIII. Formworks**

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

## **IX. Removal & Disposal of Excavated/ Unsuitable Materials**

This Item shall consist of disposal of excavated materials using stake truck on designated area as directed by the Engineer.

## **X. Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

## **XI. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

## **XII. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

<b>14. Rehabilitation/Improvement of Matagbac River Control, Brgy. Matagbac, Tabaco City</b>
--

## **SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

### **I. Temporary Diversion of Waterways**

This item of work shall consist of the installation of a temporary stream diversion used to reroute water from a stream or direct flows to a designated portion of the stream channel to allow for construction activities to take place in the stream, along the banks, or beneath the active channel.

### **II. Demolition of Existing Structure**

This item of works includes the clearing and demolition works for the damaged existing structures.

### **III. Structure Excavation**

This item of work consists of excavation and the disposal of material in accordance with this Specification and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. The Contractor shall notify the Engineer sufficiently in advance of the beginning of any excavation so that cross-sectional elevations and measurements may be taken on the undisturbed ground. The natural ground adjacent to the structure shall not be disturbed without permission of the Engineer. Boulders, Logs, and other objectionable materials encountered in excavation shall be removed. After each excavation is completed, the Contractor shall notify the Engineer to that effect and no footing, bedding material or pipe culvert shall be placed until the Engineer has approved the depth of excavation and the character of the foundation material. The surplus Materials shall be disposed of in such manner as not to obstruct the stream or otherwise impair the efficiency or appearance of the structure. No excavated materials shall be deposited at any time so as to endanger the partly finished structure.

### **IV. Handlaid Rock Embankment**

This item shall consist of hand-laid rock embankment, as designated in the Bid Schedule, constructed in accordance with this Specification and in conformity with the lines and grades shown on the Plans or established by the Engineer.

Stones shall be sound and durable and furnished in a well-balanced ranged of sizes meeting the requirements herein.

Unless otherwise provided by the Plans or Special provisions, all stones shall be more than 0.015 cubic meter in volume and not less than 75 percent of the total volume of rock embankment and shall consist of stones 0.03 cubic meter in volume. Stones obtained from excavation performed under this contract may be used. Adobe stone shall not be used, unless otherwise specified."

### **V. Reinforcing Steel**

This item covers the supply of labor, materials and equipment necessary for the installation, furnishing, bending, fabricating of reinforcing steel bars (Grade 40) of structures. (Please refer to plans). Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or

other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

## **VI. Structural Concrete**

Structural Concrete shall consist of furnishing, bending, placing, and finishing concrete in all structures except pavements in accordance with this Specification and conforming to the lines, grades, and dimensions shown on the Plans. Concrete shall consist of a mixture of Portland cement, fine aggregate, coarse aggregate, admixture when specified, and water mixed in the proportions specified or approved by the Engineer. All concrete shall be Class A mixture with the minimum compressive strength of 20.7 MN/m<sup>2</sup> or 3000 psi.

## **VII Grouted Riprap**

This Item shall consist of the furnishing and placing of riprap with or without grout as the case may be, with or without filter backing, furnished and constructed in accordance with this Specification and to the lines and grades and dimensions shown on the Plans.

Stones for riprap shall consist of rock as nearly as rectangular in section as is practical, except that riprap of Class A may consist of round natural stones. The stones shall be sound, tough, durable, dense, resistant to the action of air and water, and suitable in all respects for the purpose intended.

## **VIII. Formworks**

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

## **IX. Removal & Disposal of Excavated/ Unsuitable Materials**

This Item shall consist of disposal of excavated materials using stake truck on designated area as directed by the Engineer.

## **X. Bunkhouse and Other Facilities**

This item includes the construction the temporary facilities for the engineer and temporary bunkhouse for rental basis including the power and water supply for the storage of the materials / equipment needed for the whole duration of the project

## **XI. Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

## **XII. Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

<b>15. Rechanneling/Desilting of Tagas River, Cobo-Baranghawon Section (Upstream of Basud Bridge), Tabaco City</b>
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### **SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

#### **SPL - 1 Clearing & Deepening of Waterways**

This item of work consists of clearing and excavation of river beds for the purpose of deepening up to the required bottom elevation and grade line disposal of the same areas indicated on the Plans or as designated by the assigned Project Engineer. This also includes the use of backhoe (crawler type) for deepening of waterways and trailer truck for clearing of excavated materials.

#### **SPL - 2 Removal & Disposal of Silted Materials**

This item of work consists of removing and disposing silt or any unsuitable materials or soil layers using backhoe & stake truck.

#### **SPL - 3 Project Billboard/ Signboard**

Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

#### **SPL - 4 Occupational Construction Safety and Health**

The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.



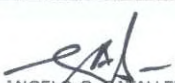


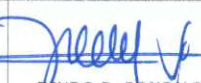
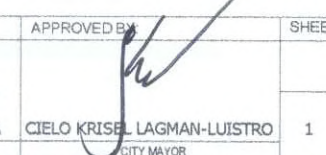
## *Section VII. Drawings*

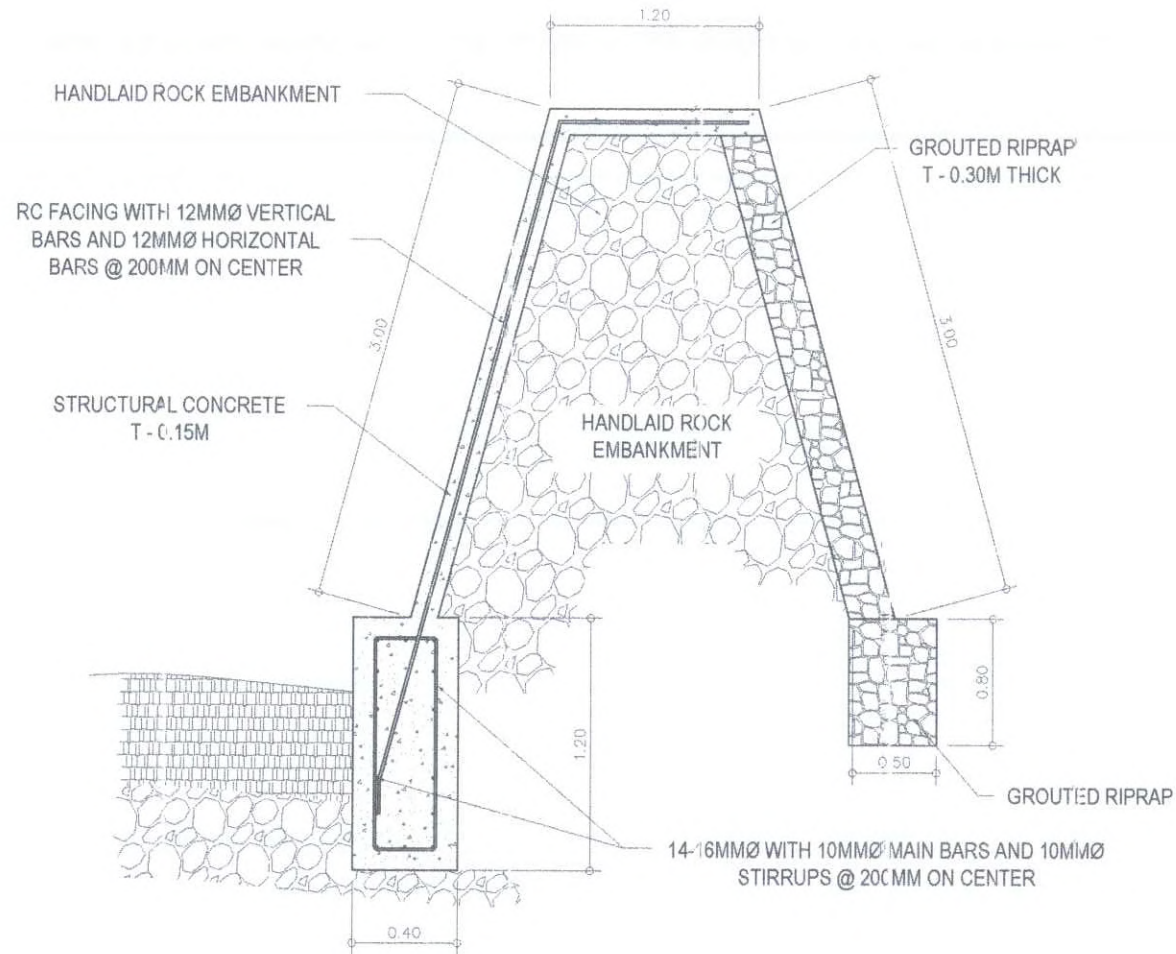


VICINITY MAP

SCALE 1 : NTS

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION of WORK TO BE DONE	UNIT	QUANTITY
SPL 1	TEMPORARY DIVERSION OF WATERWAY	ls	1.00
SPL 2	CLEARING & DEMOLITION WORKS	sq.m	153.00
103	EXCAVATION FOR STRUCTURES	cu.m	60.69
404	REINFORCING STEEL	kgs	4,237.75
405	STRUCTURAL CONCRETE	cu.m	55.46
516	HANDLAID ROCK EMBANKMENT	cu.m	283.05
504	GROUTED RIPRAP	cu.m	66.30
SPL 3	BUNKHOUSE (RENTAL BASIS)	lot	1.00
SPL 4	OCCUPATIONAL SAFETY & HEALTH PROGRAM	lot	1.00
SPL 5	FAB/INSTALLATION OF BILLBOARDS	unit	1.00

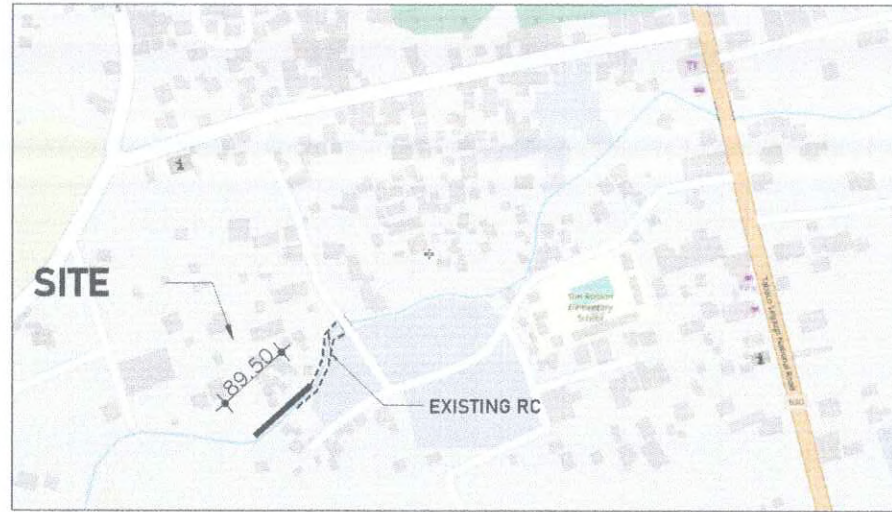
AGENCY:  REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY  OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:
	REHABILITATION/IMPROVEMENT OF BANGKILINGAN RIVER CONTROL LOCATION: Brgy. Bangkilingan, Tabaco City	 LEO ANGELO G. BATAALLER DRAFTSMAN	 ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE	 FRANCO B. BITE CITY ARCHITECT	 BANDO B. BONGALOSA OIC - CITY ENGINEER	 CIELO KRISE LAGMAN-LUJSTRO CITY MAYOR	1    2



**DETAIL OF RIVER CONTROL**

SCALE 1 : 35 MTS

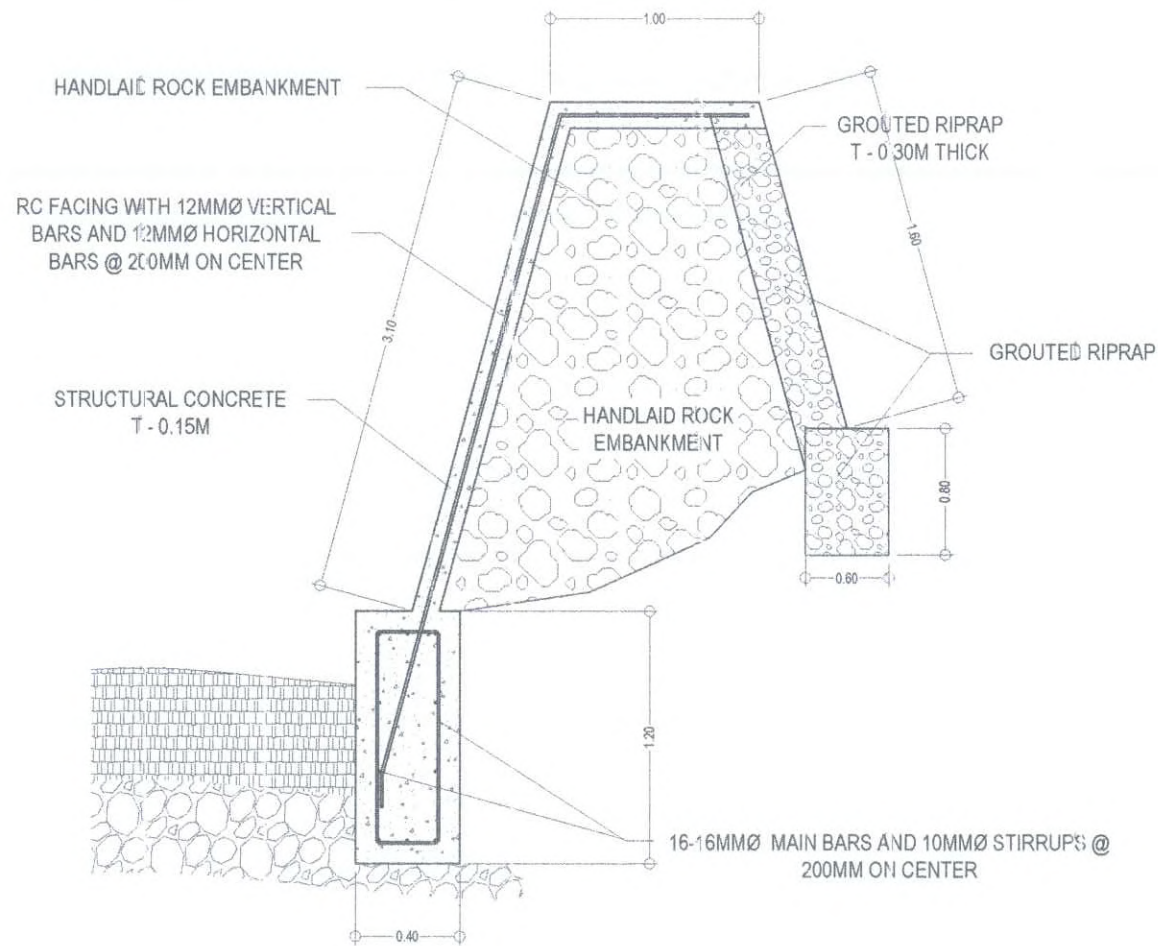
<p>AGENCY:</p> <p>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY</p> <p>OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611</p>	<p>PROJECT TITLE:</p> <p><b>REHAB/IMPROVEMENT OF BANGKILINGAN RIVER CONTROL</b></p> <p>LOCATION: Brgy. Bangkilingan, Tabaco City</p>	<p>SURVEYED &amp; CAD BY:</p> <p><i>[Signature]</i> LEO ANGELO G. BATALLER DRAFTSMAN II</p>	<p>PREPARED BY:</p> <p><i>[Signature]</i> ROLAND B. GARCIA CITY GENERAL SERVICES OFFICER</p>	<p>CHECKED BY:</p> <p><i>[Signature]</i> FRANCO B. BITE CITY ARCHITECT</p>	<p>REVIEWED BY:</p> <p><i>[Signature]</i> DINDO B. BONGALOSA CITY ENGINEER</p>	<p>APPROVED BY:</p> <p><i>[Signature]</i> CIELO KRISTEL LAGMAN-LUISTRO CITY MAYOR</p>	<p>SHEET NO.:</p> <p>2 / 2</p>
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VICINITY MAP  
SCALE NTS

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION of WORK TO BE DONE	UNIT	QUANTITY
SPL 1	TEMPORARY DIVERSION OF WATERWAY	ls	1.00
SPL 2	CLEARING & DEMOLITION WORKS	sq.m	313.25
103	EXCAVATION FOR STRUCTURES	cu.m	114.56
404	REINFORCING STEEL	kgs	7,851.83
405	STRUCTURAL CONCRETE	cu.m	95.99
516	HANDLAID ROCK EMBANKMENT	cu.m	324.44
504	GROUTED RIPRAP	cu.m	81.89
SPL 3	BUNKHOUSE (RENTAL BASIS)	lot	1.00
SPL 4	OCCUPATIONAL SAFETY & HEALTH PROGRAM	lot	1.00
SPL 5	FAB/INSTALLATION OF BILLBOARDS	unit	1.00

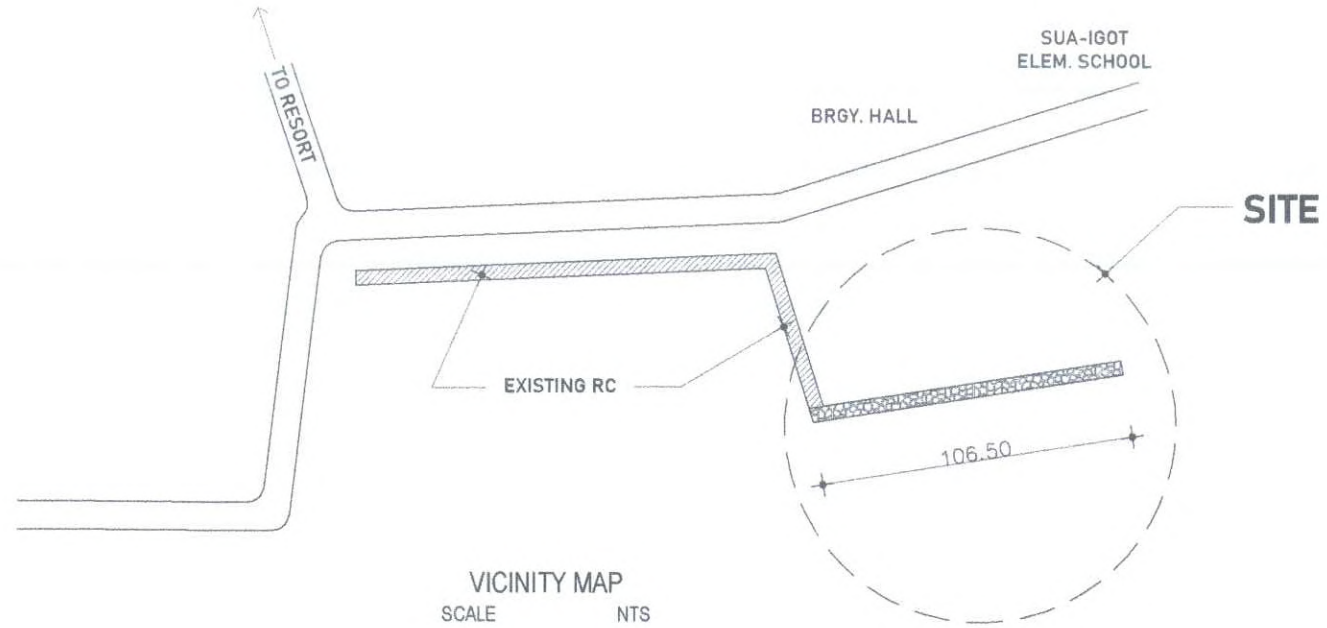
AGENCY: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY	PROJECT TITLE: REHAB/IMPROVEMENT OF SAN RAMON RIVER CONTROL	PREPARED BY: LEO ANGELO S. BATALLER DRAFTSMAN II	CHECKED BY: ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE	REVIEWED BY: FRANCO B. BITE CITY ARCHITECT	SUBMITTED BY: DINDO B. BONGALOSA OIC - CITY ENGINEER	APPROVED BY: CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR	SHEET NO.:
OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611	LOCATION: Brgy. San Ramon, Tabaco City						1 2



### DETAIL OF RIVER CONTROL





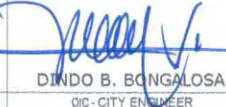
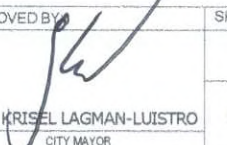
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AGENCY: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611	PROJECT TITLE: <b>REHAB/IMPROVEMENT OF          SAN RAMON RIVER CONTROL</b> LOCATION: Brgy. San Ramon, Tabaco City	PREPARED BY:  LEO ANGELO G. BATALLER CHIEF ARCHITECT II	CHECKED BY:  ROLAND B. GARCIA CHIEF GENERAL SERVICES OFFICE	REVIEWED BY:  FRANCO B. BITE CITY ARCHITECT	SUBMITTED BY:  DINDO B. BONZALOSA CEC - CITY ENGINEER	APPROVED BY:  CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR	SHEET NO.: 2 / 2
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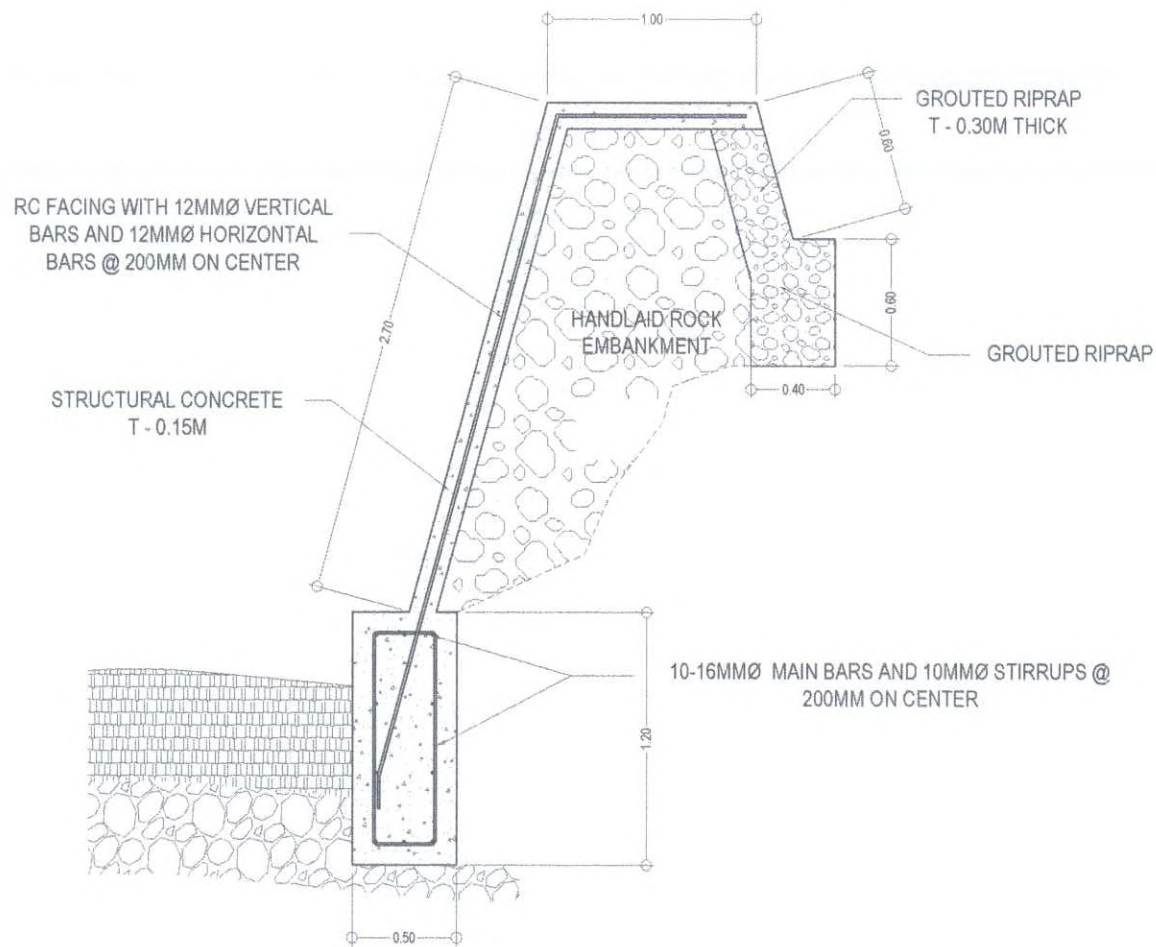
**SUMMARY OF QUANTITIES**

ITEM NO.	DESCRIPTION of WORK TO BE DONE	UNIT	QUANTITY
SPL 1	TEMPORARY DIVERSION OF WATERWAY	ls	1.00
SPL 2	CLEARING & DEMOLITION WORKS	sq.m	340.80
103	EXCAVATION FOR STRUCTURES	cu.m	120.35
404	REINFORCING STEEL	kgs	8,077.17
405	STRUCTURAL CONCRETE	cu.m	120.61
516	HANDLAID ROCK EMBANKMENT	cu.m	222.59
504	GROUTED RIPRAP	cu.m	39.94
SPL 3	BUNKHOUSE (RENTAL BASIS)	lot	1.00
SPL 4	OCCUPATIONAL SAFETY & HEALTH PROGRAM	lot	1.00
SPL 5	FAB/INSTALLATION OF BILLBOARDS	unit	1.00

AGENCY:  REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY	PROJECT TITLE:  <b>CONSTRUCTION/IMPROVEMENT OF          SUA-IGOT RIVER CONTROL</b>	PREPARED BY:   LEO ANGELO C. BATALLER <small>DRAFTSMAN II</small>	CHECKED BY:   ROLAND B. GARCIA <small>OIC-CITY GENERAL SERVICES OFFICE</small>	REVIEWED BY:   FRANCO B. BITE <small>CITY ARCHITECT</small>	SUBMITTED BY:   DINDO B. BONGALOSA <small>OIC - CITY ENGINEER</small>	APPROVED BY:   CIELO KRISSEL LAGMAN-LUISTRO <small>CITY MAYOR</small>	SHEET NO.:	
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OFFICE OF THE CITY ARCHITECT  
 OFFICE OF THE LOCAL BUILDING OFFICIAL  
 FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611

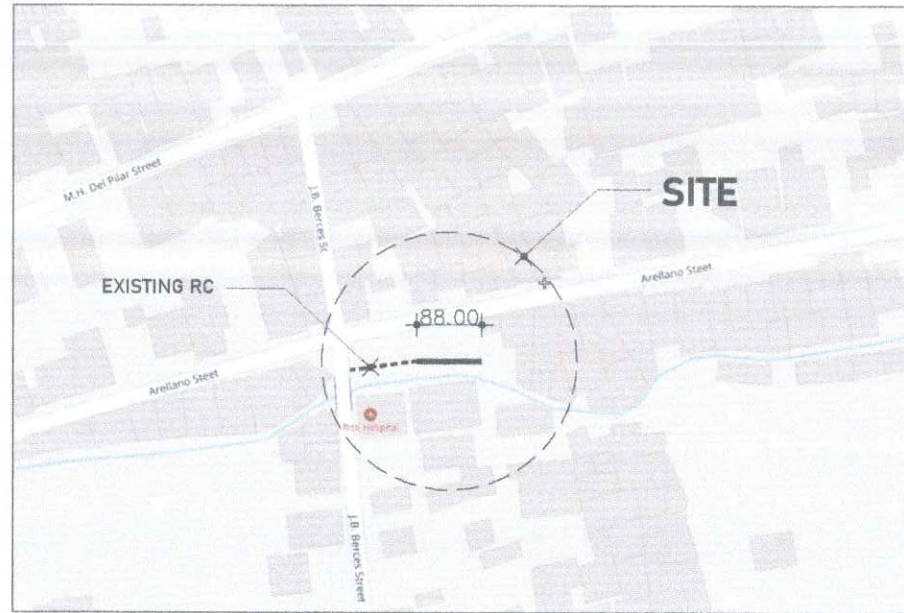
LOCATION: Brgy. Sua - Igot, Tabaco City



**DETAIL OF RIVER CONTROL**




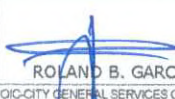

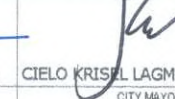
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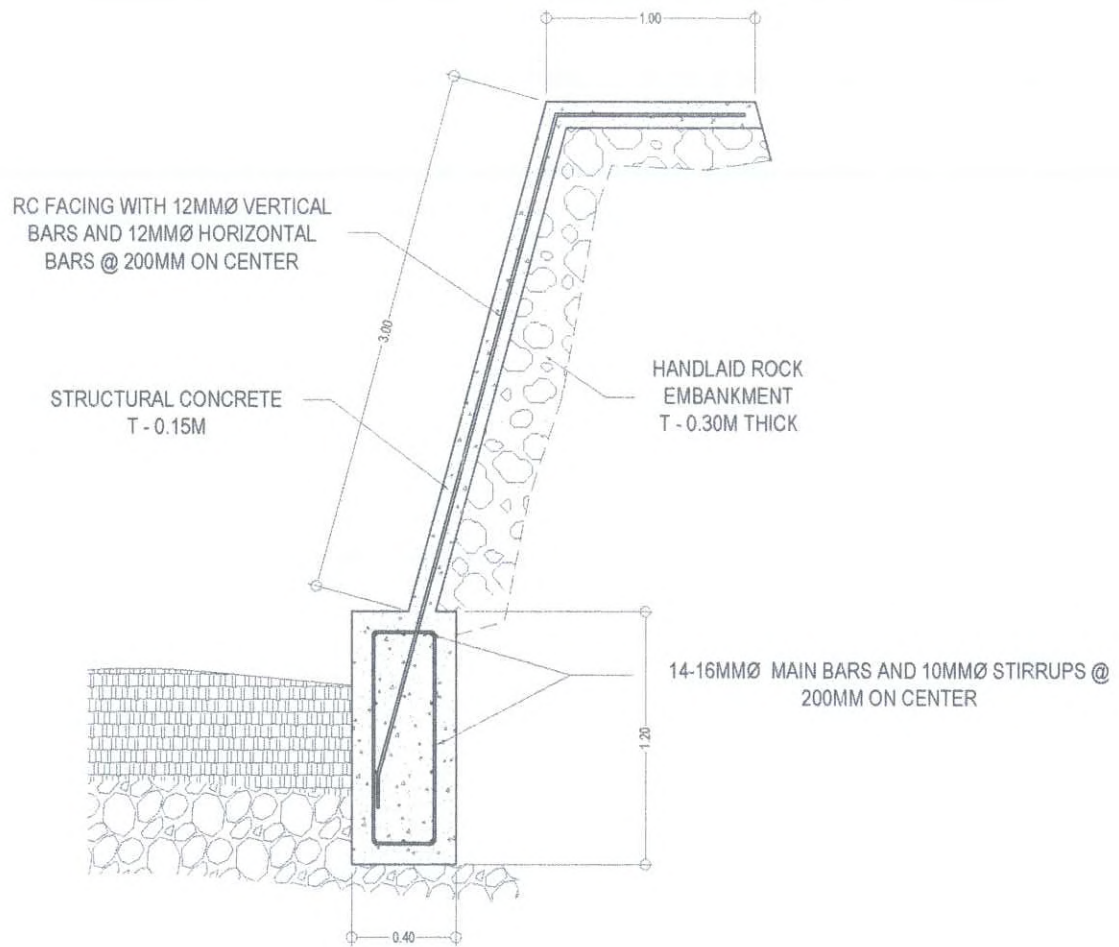
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VICINITY MAP  
SCALE NTS

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION of WORK TO BE DONE	UNIT	QUANTITY
SPL 1	TEMPORARY DIVERSION OF WATERWAY	ls	1.00
SPL 2	CLEARING & DEMOLITION WORKS	sq.m	246.40
103	EXCAVATION FOR STRUCTURES	cu.m	57.20
404	REINFORCING STEEL	kgs	7,360.85
405	STRUCTURAL CONCRETE	cu.m	93.06
516	HANDLAID ROCK EMBANKMENT	cu.m	89.76
SPL 3	BUNKHOUSE (RENTAL BASIS)	lot	1.00
SPL 4	OCCUPATIONAL SAFETY & HEALTH PROGRAM	lot	1.00
SPL 5	FAB/INSTALLATION OF BILLBOARDS	unit	1.00

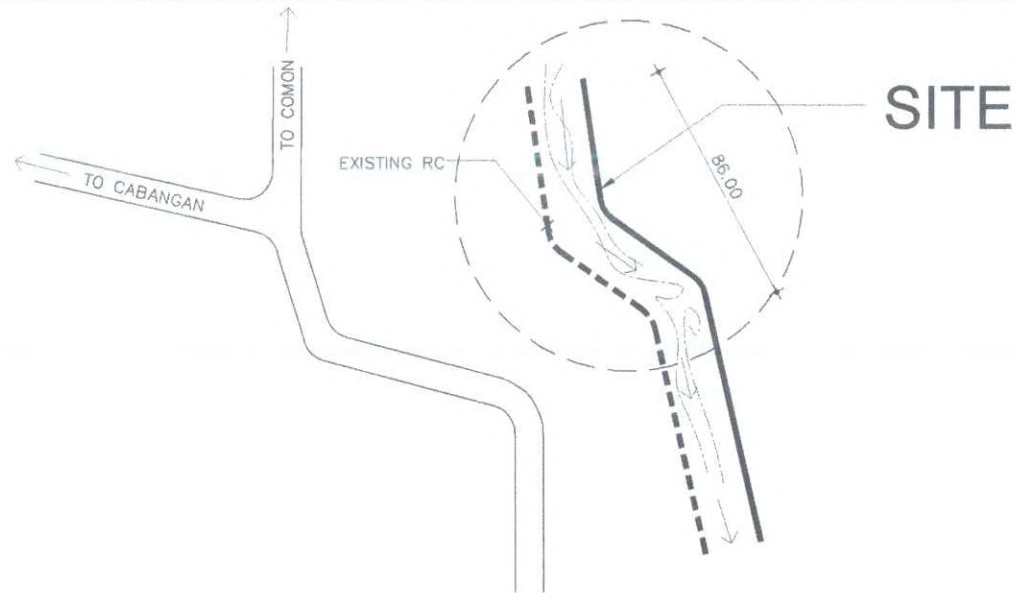
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	REHABILITATION/IMPROVEMENT OF BACOLOD RIVER CONTROL LOCATION: Brgy. Bacolod, Tabaco City	 LEO ANGELO S. BATALLER BR/FFS/AN II	 ROLAND B. GARCIA OIG-CITY GENERAL SERVICES OFFICE	 FRANCO B. BITE CITY ARCHITECT	 DINDO B. BONGALOSA OIG - CITY ENGINEER	 CIELO KRISL LAGMAN-LUISTRO CITY MAYOR	1    2



DETAIL OF RIVER CONTROL

SCALE 1 : 35 MTS





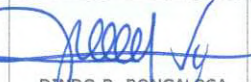
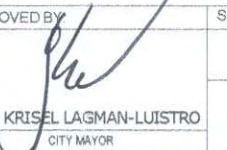
<p>AGENCY:</p> <p>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY</p> <p>OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4811</p>	<p>PROJECT TITLE:</p> <p>REHABILITATION/IMPROVEMENT OF BACOLOD RIVER CONTROL</p> <p>LOCATION: Brgy. Bacolod, Tabaco City</p>	<p>PREPARED BY:</p> <p>LEO ANGELS G. BATALLER DRAFTSMAN II</p>	<p>CHECKED BY:</p> <p>ROLAND B. GARCIA CIC-CITY GENERAL SERVICES OFFICE</p>	<p>REVIEWED BY:</p> <p>FRANCO B. BITE CITY ARCHITECT</p>	<p>SUBMITTED BY:</p> <p>DINDO B. BONGALOSA CIC - CITY ENGINEER</p>	<p>APPROVED BY:</p> <p>CIELO KRISIEL LAGMAN-LUISTRO CITY MAYOR</p>	<p>SHEET NO.:</p> <p>2 2</p>
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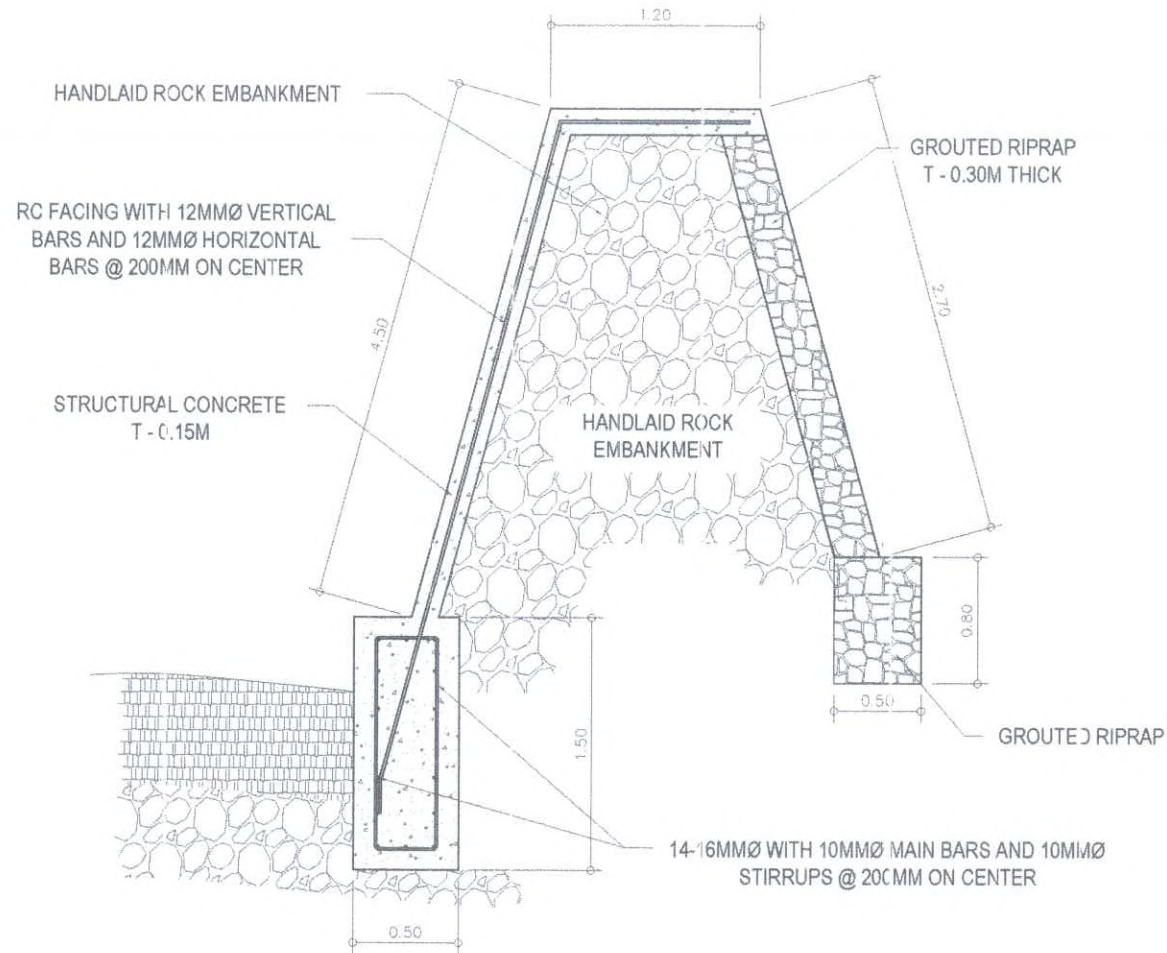


VICINITY MAP

SCALE 1 : NTS

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION of WORK TO BE DONE	UNIT	QUANTITY
SPL 1	TEMPORARY DIVERSION OF WATERWAY	ls	1.00
SPL 2	CLEARING & DEMOLITION WORKS	sq.m	301.00
103	EXCAVATION FOR STRUCTURES	cu.m	110.08
404	REINFORCING STEEL	kgs	8,630.86
405	STRUCTURAL CONCRETE	cu.m	112.88
516	HANDLAID ROCK EMBANKMENT	cu.m	580.50
504	GROUTED RIPRAP	cu.m	107.07
SPL 3	BUNKHOUSE (RENTAL BASIS)	lot	1.00
SPL 4	OCCUPATIONAL SAFETY & HEALTH PROGRAM	lot	1.00
SPL 5	FAB/INSTALLATION OF BILLBOARDS	unit	1.00

AGENCY:	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:
 REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY	CONSTRUCTION/IMPROVEMENT OF BOGÑABONG-MARIROC RIVER CONTROL	 LEO ANGELO S. BATALLER DRAFTER/III	 ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE	 FRANCO B. BITE CITY ARCHITECT	 DINDO B. BONGALOSA OIC - CITY ENGINEER	 CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR	1    2
OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511	LOCATION: Bogñabong-Mariroc Section, Brgy. Mariroc, Tabaco City						



DETAIL OF RIVER CONTROL

SCALE 1 : 35 MTS






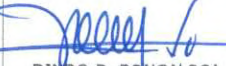
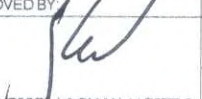
AGENCY:	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:
REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY  OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511	CONSTRUCTION/IMPROVEMENT OF BOGÑABONG-MARIROC RIVER CONTROL  LOCATION: Bogñabong-Mariroc Section, Brgy. Mariroc, Tabaco City	 LEO ANGELO C. BATALLER <small>CHAFFMAN II</small>	 ROLAND B. GARCIA <small>CHIEF-CITY GENERAL SERVICES OFFICE</small>	 FRANCO B. BITE <small>CITY ARCHITECT</small>	 DINDO B. BONGALOSA <small>CHIEF-CITY ENGINEER</small>	 CIELO KRISSEL LAGMAN-LUISTRO <small>CITY MAYOR</small>	2 / 2

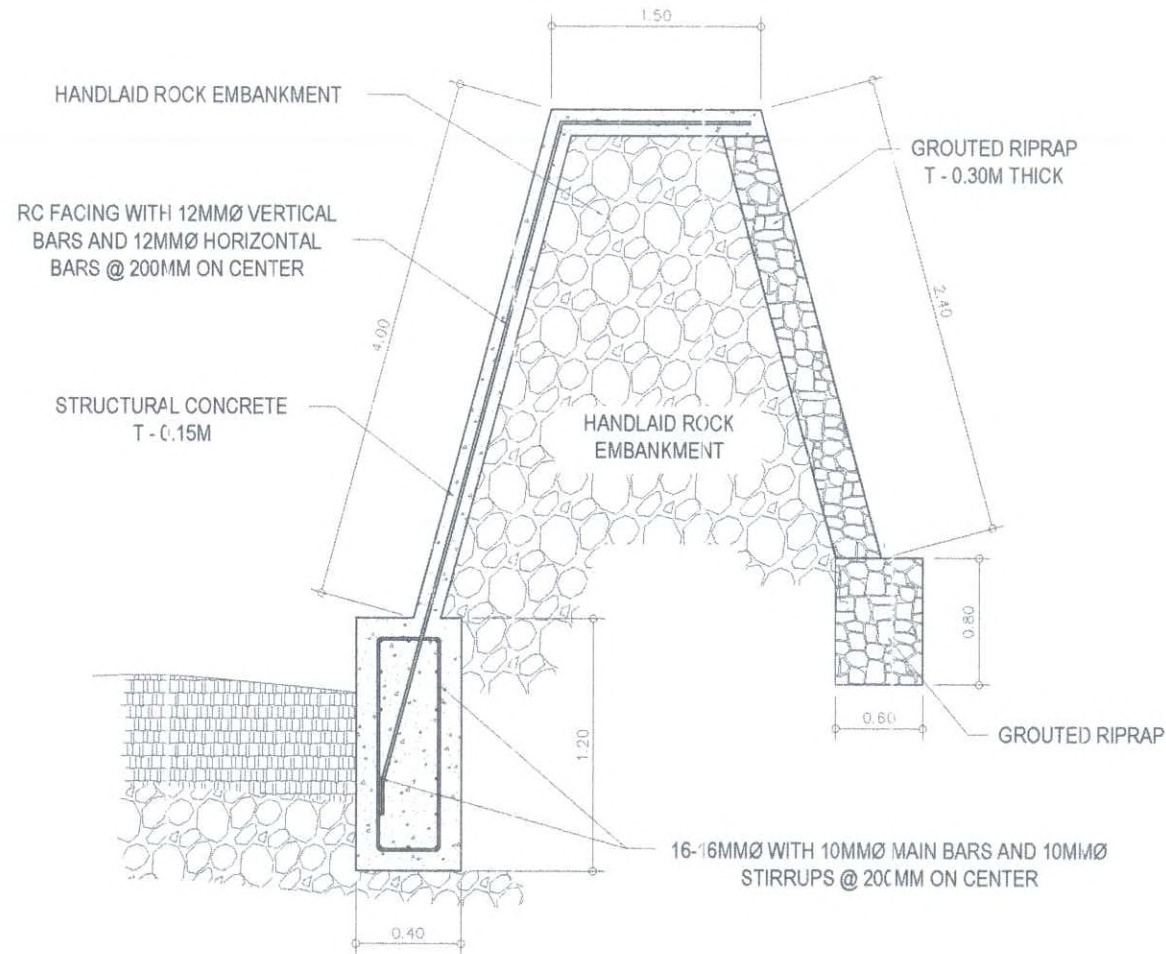


VICINITY MAP

SCALE 1 : NTS

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION of WORK TO BE DONE	UNIT	QUANTITY
SPL 1	TEMPORARY DIVERSION OF WATERWAY	ls	1.00
SPL 2	CLEARING & DEMOLITION WORKS	sq.m	311.50
103	EXCAVATION FOR STRUCTURES	cu.m	113.92
404	REINFORCING STEEL	kgs	8,991.85
405	STRUCTURAL CONCRETE	cu.m	114.14
516	HANDLAID ROCK EMBANKMENT	cu.m	623.00
504	GROUTED RIPRAP	cu.m	102.80
SPL 3	BUNKHOUSE (RENTAL BASIS)	lot	1.00
SPL 4	OCCUPATIONAL SAFETY & HEALTH PROGRAM	lot	1.00
SPL 5	FAB/INSTALLATION OF BILLBOARDS	unit	1.00

AGENCY:  REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY  OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:
	CONSTRUCTION/IMPROVEMENT OF MARIROC RIVER CONTROL LOCATION: Brgy. Mariroc, Tabaco City	 LEO ANGELO S. BATALLER DRAFTSMAN II	 ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE	 FRANCO B. BITE CITY ARCHITECT	 DINDO B. BONGALOSA OIC-CITY ENGINEER	 CIELO KRISE LAGMAN-LUISTRO CITY MAYOR	1   2



DETAIL OF RIVER CONTROL

SCALE 1 : 35 MTS

<p>AGENCY:</p> <p>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY</p> <p>OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511</p>	<p>PROJECT TITLE:</p> <p>CONSTRUCTION/IMPROVEMENT OF MARIROC RIVER CONTROL</p> <p>LOCATION: Brgy. Mariroc, Tabaco City</p>	<p>SURVEYED &amp; CAD BY:</p> <p>LEO ANGELO S. BATALLER DRAFTER/II</p>	<p>PREPARED BY:</p> <p>ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE</p>	<p>CHECKED BY:</p> <p>FRANCO B. BITE CITY ARCHITECT</p>	<p>REVIEWED BY:</p> <p>DINDO B. BONGALOSA OIC-CITY ENGINEER</p>	<p>APPROVED BY:</p> <p>CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR</p>	<p>SHEET NO.:</p> <p>2 / 2</p>
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VICINITY MAP

SCALE 1 : NTS

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION of WORK TO BE DONE	UNIT	QUANTITY
SPL 1	TEMPORARY DIVERSION OF WATERWAY	ls	1.00
SPL 2	CLEARING & DEMOLITION WORKS	sq.m	514.00
103	EXCAVATION FOR STRUCTURES	cu.m	181.19
404	REINFORCING STEEL	kgs	11,268.91
405	STRUCTURAL CONCRETE	cu.m	158.06
516	HANDLAID ROCK EMBANKMENT	cu.m	708.36
504	GROUTED RIPRAP	cu.m	152.27
SPL 3	BUNKHOUSE (RENTAL BASIS)	lot	1.00
SPL 4	OCCUPATIONAL SAFETY & HEALTH PROGRAM	lot	1.00
SPL 5	FAB/INSTALLATION OF BILLBOARDS	unit	1.00

AGENCY:	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:		
REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY  OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611	CONSTRUCTION/IMPROVEMENT OF PINAGBOBONG-SAN VICENTE RIVER CONTROL  LOCATION: Brgy. Pinagbobong, Tabaco City	 LEO ANGELO S. BATALLER <small>DRAFTSMAN II</small>	 ROLAND B. GARCIA <small>OIC-CITY GENERAL SERVICES OFFICE</small>	 FRANCO E. BITE <small>CITY ARCHITECT</small>	 DINDO B. BONGALOSA <small>OIC - CITY ENGINEER</small>	 CIELO KRISEI LAGMAN-LUISTRO <small>CITY MAYOR</small>	<table border="1"> <tr> <td>1</td> <td>2</td> </tr> </table>	1	2
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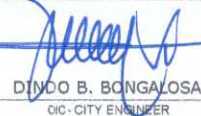
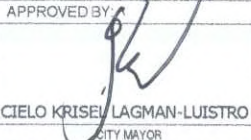




VICINITY MAP

SCALE 1 : NTS

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION of WORK TO BE DONE	UNIT	QUANTITY
SPL 1	TEMPORARY DIVERSION OF WATERWAY	ls	1.00
SPL 2	CLEARING & DEMOLITION WORKS	sq.m	479.50
103	EXCAVATION FOR STRUCTURES	cu.m	175.36
404	REINFORCING STEEL	kgs	10,651.18
405	STRUCTURAL CONCRETE	cu.m	134.60
516	HANDLAID ROCK EMBANKMENT	cu.m	428.13
504	GROUTED RIPRAP	cu.m	78.09
SPL 3	BUNKHOUSE (RENTAL BASIS)	lot	1.00
SPL 4	OCCUPATIONAL SAFETY & HEALTH PROGRAM	lot	1.00
SPL 5	FAB/INSTALLATION OF BILLBOARDS	unit	1.00

AGENCY:	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:		
 REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY	REHABILITATION/IMPROVEMENT OF CORMIDAL RIVER CONTROL LOCATION: Brgy. Cormidal, Tabaco City	 LEO ANGELO S. BATALLER DRAFTSMAN II	 ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE	 FRANCO B. BITE CITY ARCHITECT	 DINDO B. BONGALOSA OIC-CITY ENGINEER	 CIELO KRISEI LAGMAN-LUISTRO CITY MAYOR	<table border="1"> <tr> <td>1</td> <td>2</td> </tr> </table>	1	2
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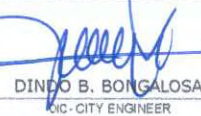
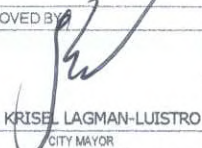




VICINITY MAP

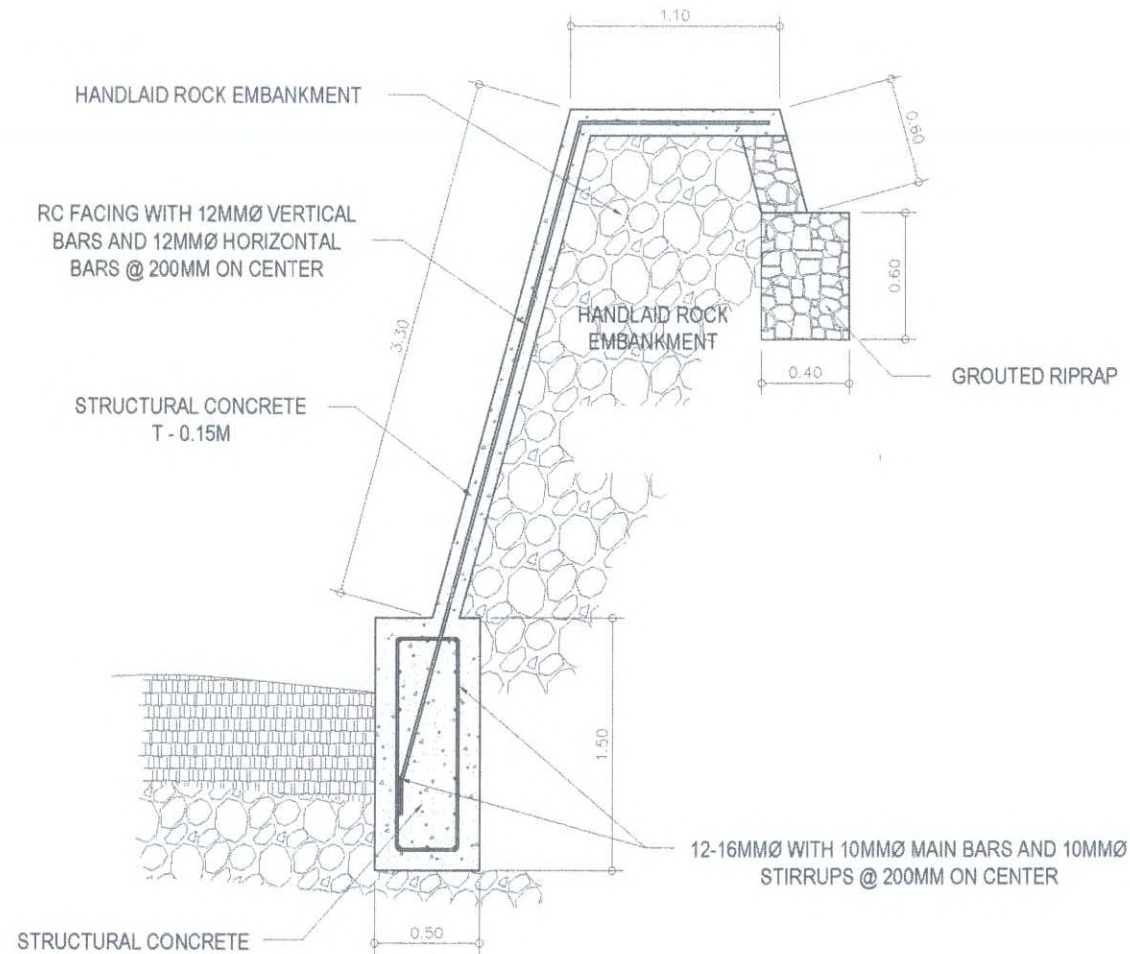
SCALE 1 : NTS

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION of WORK TO BE DONE	UNIT	QUANTITY
SPL 1	TEMPORARY DIVERSION OF WATERWAY	ls	1.00
SPL 2	CLEARING & DEMOLITION WORKS	sq.m	269.50
103	EXCAVATION FOR STRUCTURES	cu.m	100.87
404	REINFORCING STEEL	kgs	6,502.09
405	STRUCTURAL CONCRETE	cu.m	106.84
516	HANDLAID ROCK EMBANKMENT	cu.m	457.38
504	GROUTED RIPRAP	cu.m	32.34
SPL 3	BUNKHOUSE (RENTAL BASIS)	lot	1.00
SPL 4	OCCUPATIONAL SAFETY & HEALTH PROGRAM	lot	1.00
SPL 5	FAB/INSTALLATION OF BILLBOARDS	unit	1.00

AGENCY:  REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY	PROJECT TITLE:  <b>REHABILITATION/IMPROVEMENT OF TAYHI RIVER CONTROL</b>	SURVEYED & CAD BY:   <b>LEO ANGELO BATALLER</b> <small>DRAFTSMAN II</small>	PREPARED BY:   <b>ROLAND B. GARCIA</b> <small>OIC-CITY GENERAL SERVICES OFFICE</small>	CHECKED BY:   <b>FRANCO B. BITE</b> <small>CITY ARCHITECT</small>	REVIEWED BY:   <b>DINDO B. BONGALOSA</b> <small>OIC - CITY ENGINEER</small>	APPROVED BY:   <b>CIELO KRISEL LAGMAN-LUISTRO</b> <small>CITY MAYOR</small>	SHEET NO.:	
							1	2

OFFICE OF THE CITY ARCHITECT  
OFFICE OF THE LOCAL BUILDING OFFICIAL  
FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611

LOCATION: Brgy. Tayhi, Tabaco City



DETAIL OF RIVER CONTROL

SCALE 1 : 35 MTS






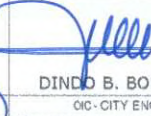

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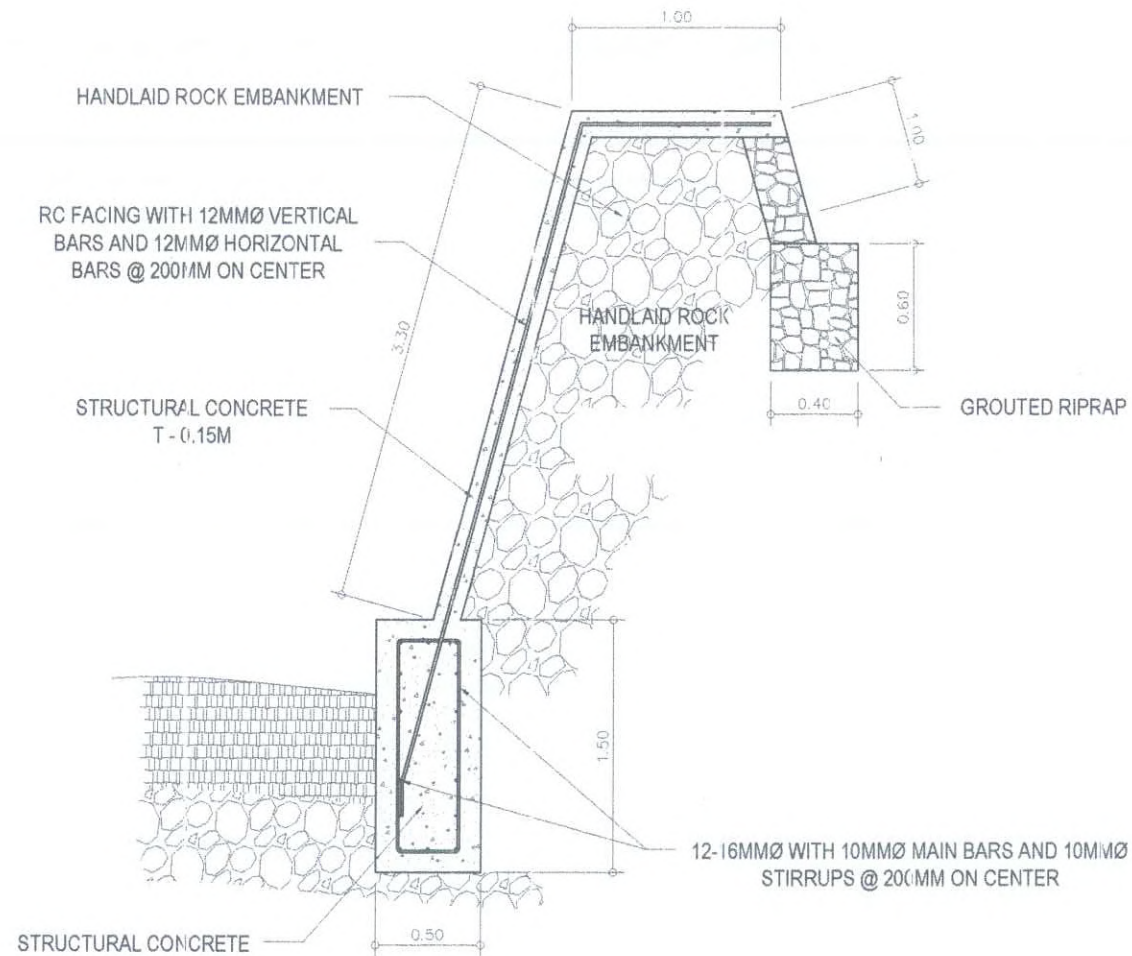


VICINITY MAP

SCALE 1 : NTS

SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION of WORK TO BE DONE	UNIT	QUANTITY
SPL 1	TEMPORARY DIVERSION OF WATERWAY	ls	1.00
SPL 2	CLEARING & DEMOLITION WORKS	sq.m	326.00
103	EXCAVATION FOR STRUCTURES	cu.m	106.77
404	REINFORCING STEEL	kgs	7,607.89
405	STRUCTURAL CONCRETE	cu.m	111.86
516	HANDLAID ROCK EMBANKMENT	cu.m	315.81
504	GROUTED RIPRAP	cu.m	40.34
SPL 3	BUNKHOUSE (RENTAL BASIS)	lot	1.00
SPL 4	OCCUPATIONAL SAFETY & HEALTH PROGRAM	lot	1.00
SPL 5	FAB/INSTALLATION OF BILLBOARDS	unit	1.00

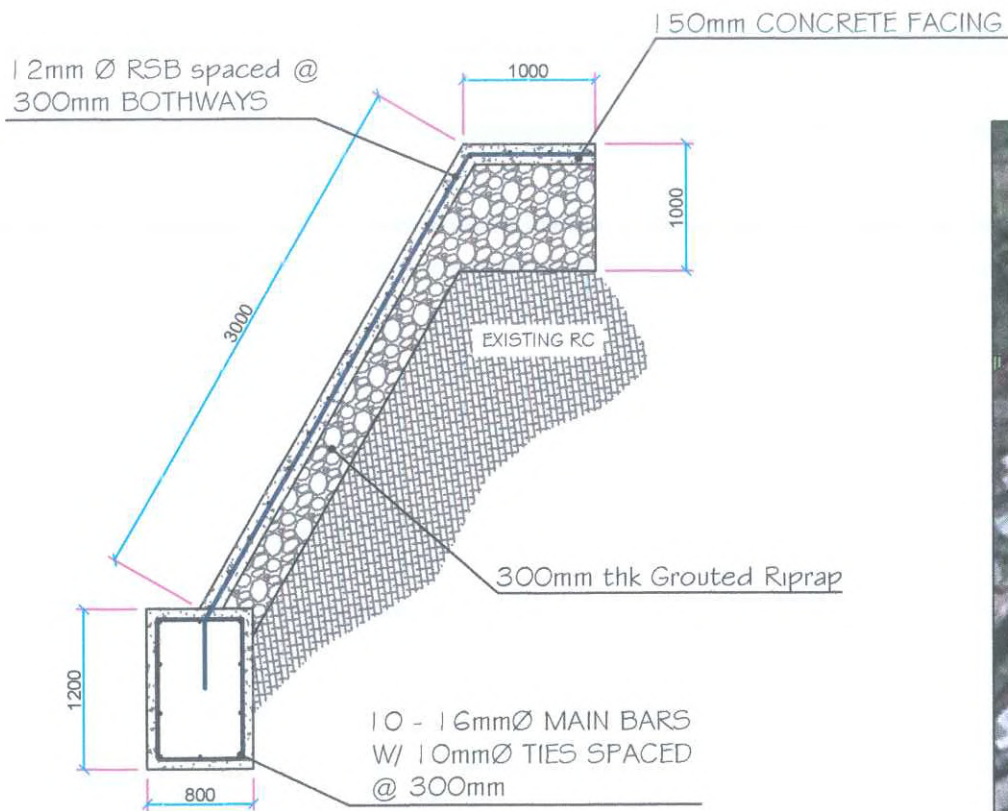
AGENCY:  REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY  OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611	PROJECT TITLE:  <b>REHABILITATION/IMPROVEMENT OF          COBO-BARANGHAWON RIVER CONTROL</b>	SURVEYED & CAD BY:   <b>LEO ANGELO BATALLER</b> <small>CRAFTSMAN II</small>	PREPARED BY:   <b>ROLAND B. GARCIA</b> <small>OIC-CITY GENERAL SERVICES OFFICE</small>	CHECKED BY:   <b>FRANCO B. BITE</b> <small>CITY ARCHITECT</small>	REVIEWED BY:   <b>DINDO B. BONGALOSA</b> <small>OIC - CITY ENGINEER</small>	APPROVED BY:   <b>CIELO KRISEI LAGMAN-LUISTRO</b> <small>CITY MAYOR</small>	SHEET NO.:	
							1	2



DETAIL OF RIVER CONTROL

SCALE 1 : 35 MTS

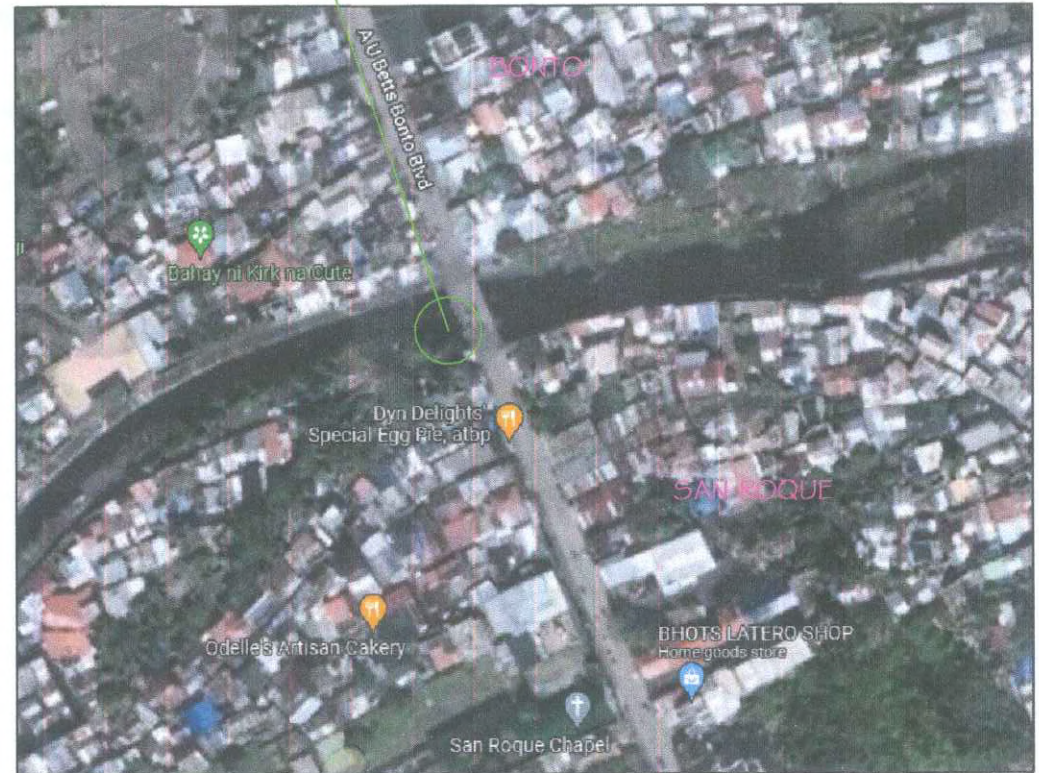
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SECTION

○ **DETAIL OF SLOPE PROTECTION**  
SCALE 1:50 MTS

THIS SITE



**LOCATION MAP**

AGENCY:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	SUBMITTED BY:	APPROVED BY:	CONTROL NO.:	SHEET NO.:
REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY  OFFICE OF THE CITY ENGINEER GROUND FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511	REHAB/IMPROVEMENT OF SAN ROQUE RIVER CONTROL  LOCATION: BRGY. SAN ROQUE, TABACO CITY	JOMARI VINCENT B. FRANCISCO CONSULTANT-CE	ROLAND B. GARCIA OIC - CGSO	FRANCO B. BITE CITY ARCHITECT	DINDO B. BONGALOSA OIC - CITY ENGINEERING OFFICE	CIELO KRISSEL LAGMAN - LUISTRO CITY MAYOR		1 / 1

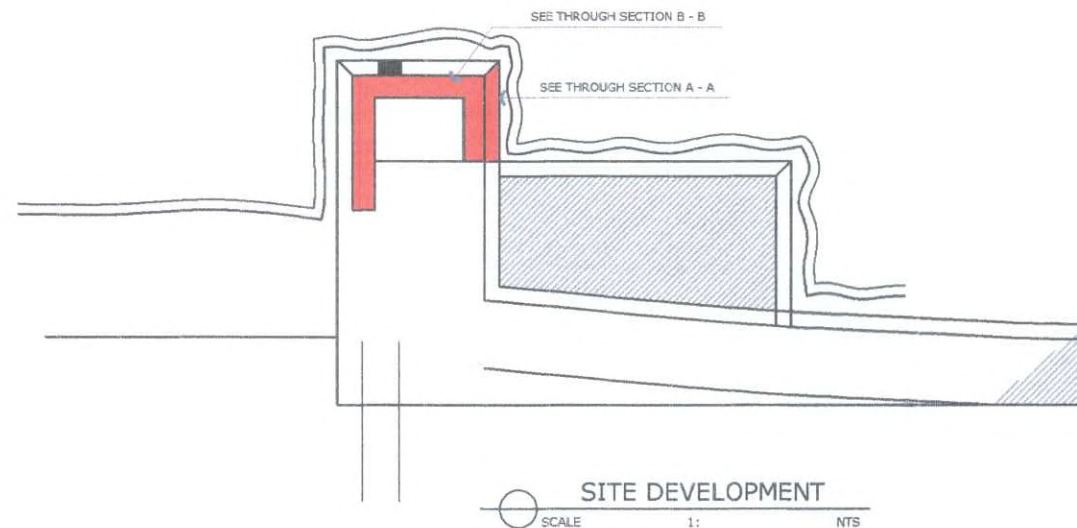
## SCHEDULE OF LOADS

I. Rehabilitation/Improvement of Back-up Area			
SPL - 1	Temporary Diversion of Waterway and Dewatering	lot	1.00
SPL - 2	Removal of Damaged / Dilapidated Existing Structures	m <sup>2</sup>	48.00
102	Excavation Works	m <sup>3</sup>	56.00
104-5	Boulder Fill	m <sup>3</sup>	1.90
508-B	Class II Rocks (500-800kgs/pc)	m <sup>3</sup>	38.00
505	Grouted Riprap	m <sup>3</sup>	26.25
902	Reinforcing Steel Bars	kgs	1,462.53
405	Structural Concrete	m <sup>3</sup>	37.07
II. Reblocking of 328.72 sq.m x 250mm thk, Roadways			
SPL - 3	Concrete Cutting of Existing PCCP & Demolition of Obstruction	m <sup>2</sup>	472.24
105	Subgrade Preparation	m <sup>2</sup>	472.24
201	Aggregate Base Course	m <sup>3</sup>	70.84
311	PCCP (thk=0.250m)	m <sup>2</sup>	472.24
SPL - 4	Removal & Disposal of Excavated Mat'ls	m <sup>3</sup>	70.84
III. Other General Requirements			
SPL - 5	Bunkhouse (Rental Basis) and Other Facilities	lot	1.00
SPL - 6	Occupational Safety & Health Program	lot	1.00
SPL - 7	Fab/Installation of Billboards	unit	1.00



VICINITY MAP

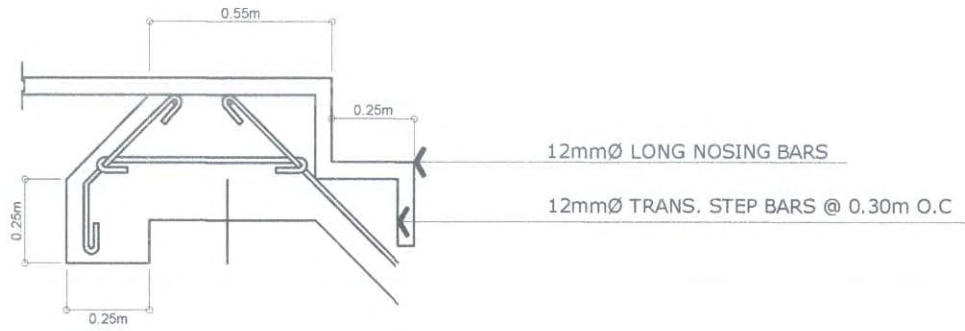
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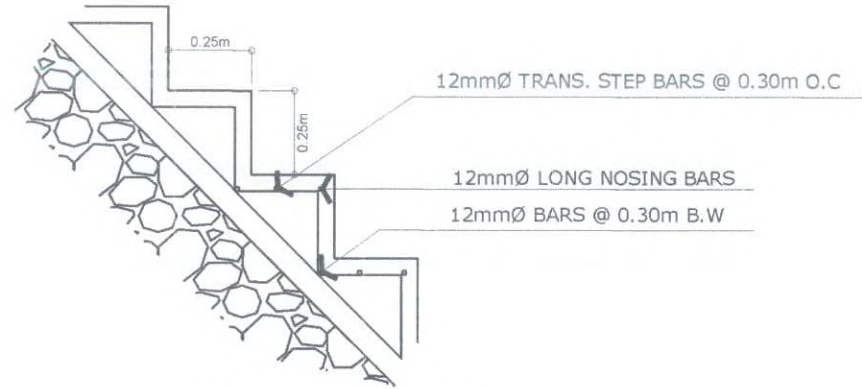
SITE DEVELOPMENT

SCALE 1: NTS

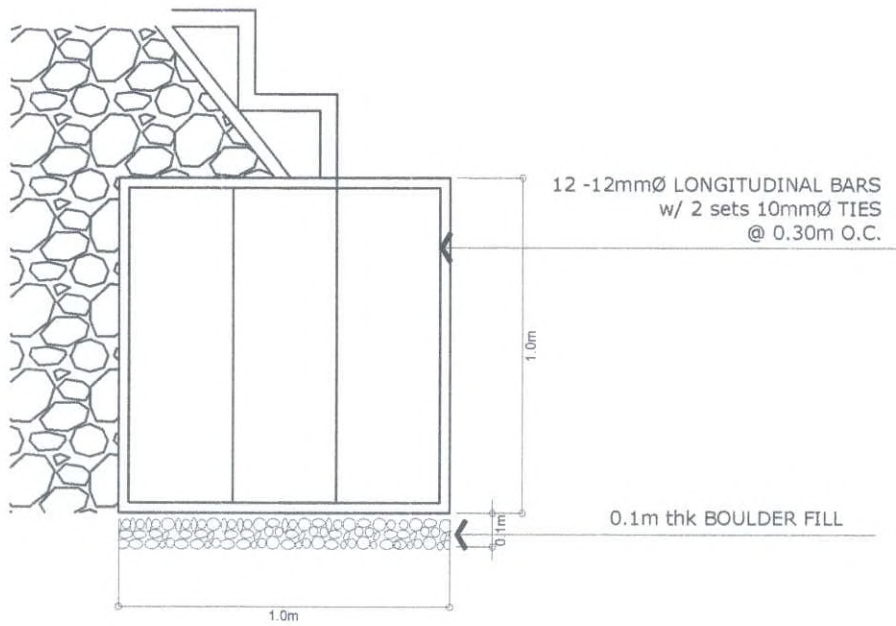
AGENCY:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	SUBMITTED BY:	APPROVED BY:	SHEET NO.:
REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY  OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER	REHAB AND IMPROVEMENT OF SAN ROQUE FISHPORT	 DAN ANTHONY B. BURABOD CEO - CAD OPERATOR	 ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE	 FRANCO B. BITE CITY ARCHITECT	 DINDO B. BONGALOSA OIC-CITY ENGINEER	 CIELA KRISSEL LAGMAN-LUISTRO CITY MAYOR	1      3
Ground Floor, City Hall Annex Building, Tabaco City-4511	LOCATION: SAN ROQUE FISH PORT, TABACO CITY						



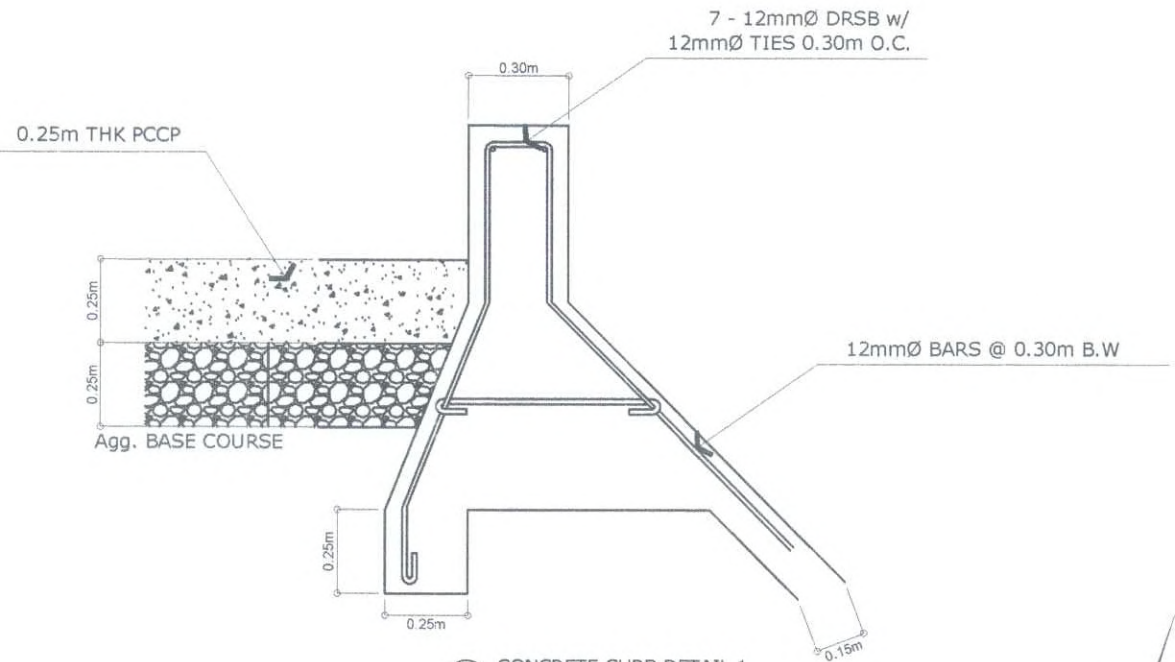
CONCRETE CURB DETAIL 2  
SCALE 1:10 MTS









CONCRETE STAIR DETAIL  
SCALE 1:10 MTS

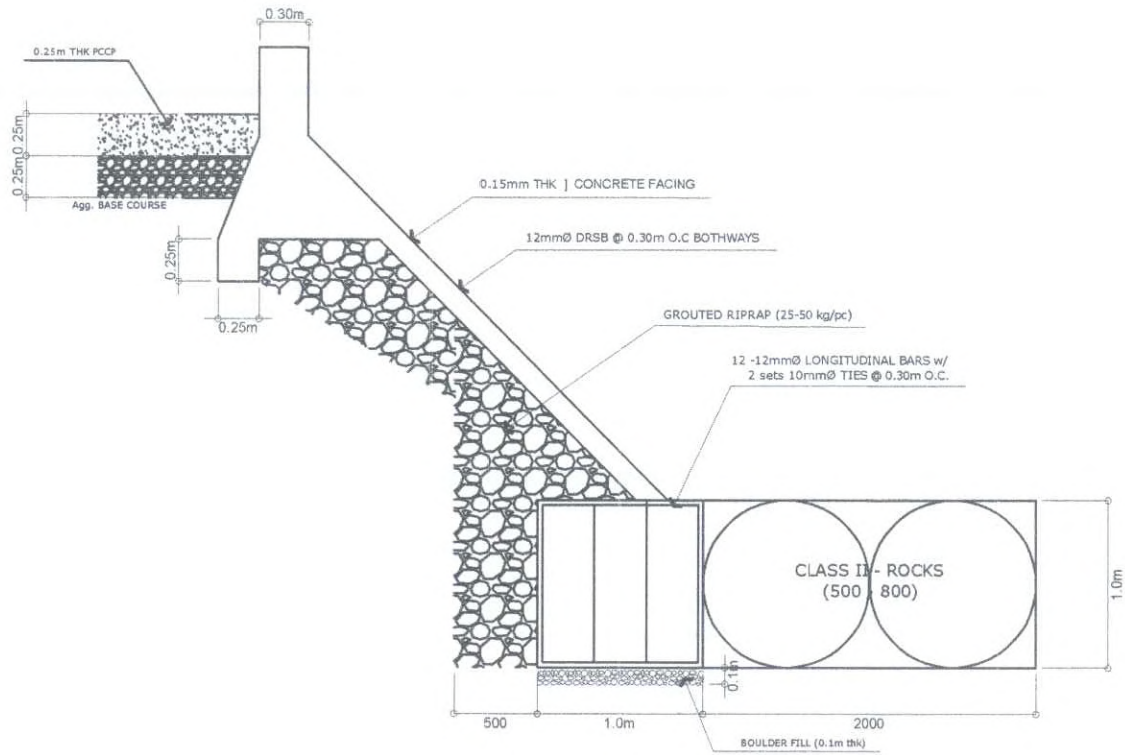


CONCRETE FOOTING DETAIL 1  
SCALE 1:10 MTS

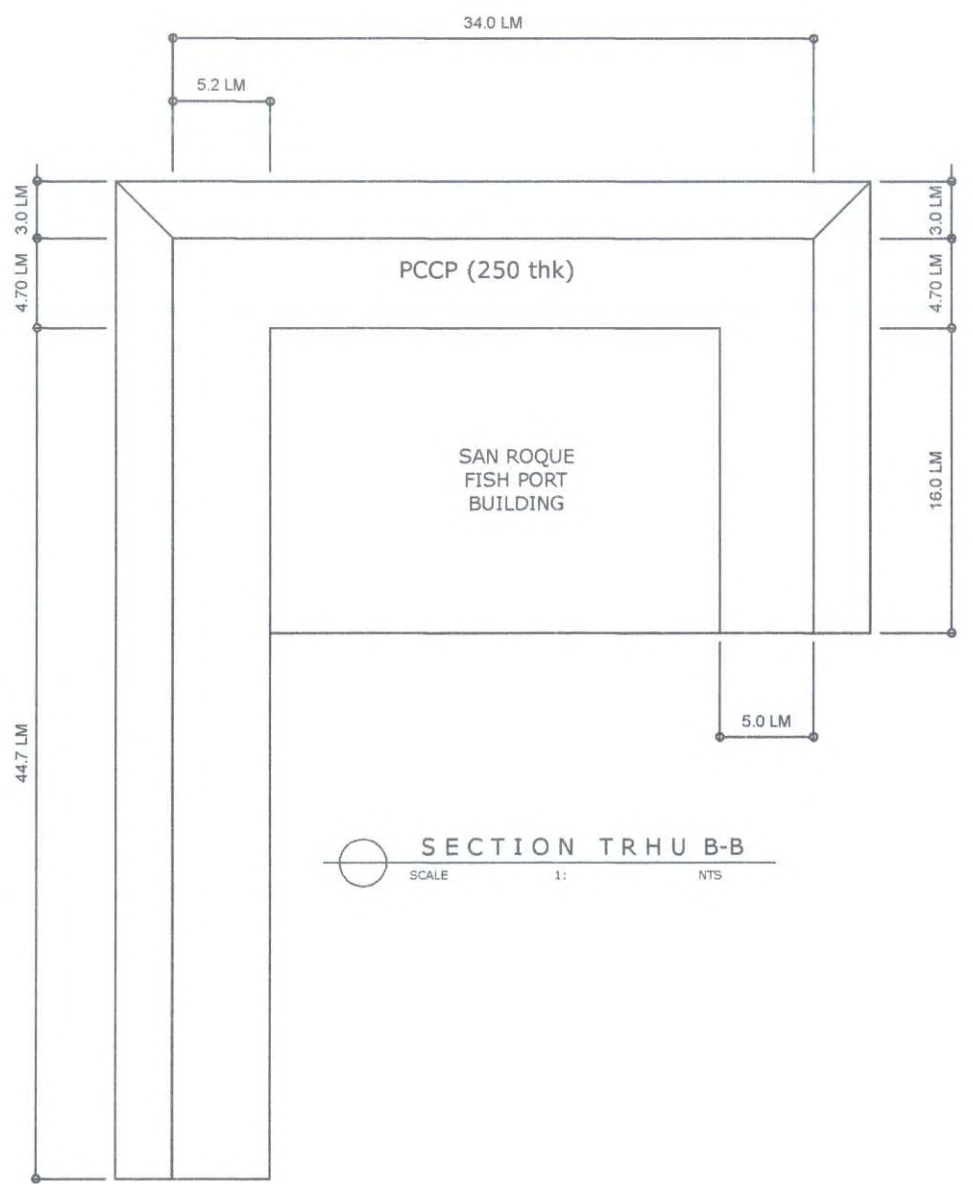


CONCRETE CURB DETAIL 1  
SCALE 1:10 MTS


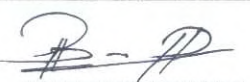


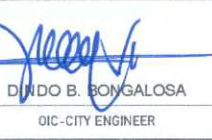
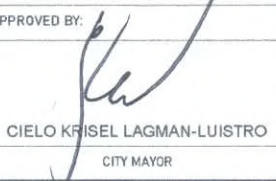
<p>AGENCY:</p>  <p>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY</p> <p>OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER</p>	<p>PROJECT TITLE:</p> <p>REHAB AND IMPROVEMENT OF SAN ROQUE FISHPORT</p>	<p>PREPARED BY:</p>  <p>DAN ANTHONY B. BURABOD</p>	<p>CHECKED BY:</p>  <p>ROLAND B. GARCIA</p>	<p>REVIEWED BY:</p>  <p>FRANCO B. BITE</p>	<p>SUBMITTED BY:</p>  <p>DIMDO B. BONGALOSA</p>	<p>APPROVED BY:</p>  <p>CIELO KRISSEL LAGMAN-LUISTRO</p>	<p>SHEET NO.:</p> <p>2 3</p>
<p>Ground Floor, City Hall Annex Building, Tabaco City-4511</p>	<p>LOCATION: SAN ROQUE FISH PORT, TABACO CITY</p>	<p>CEO - CAD OPERATOR</p>	<p>OIC-CITY GENERAL SERVICES OFFICE</p>	<p>CITY ARCHITECT</p>	<p>OIC-CITY ENGINEER</p>	<p>CITY MAYOR</p>	

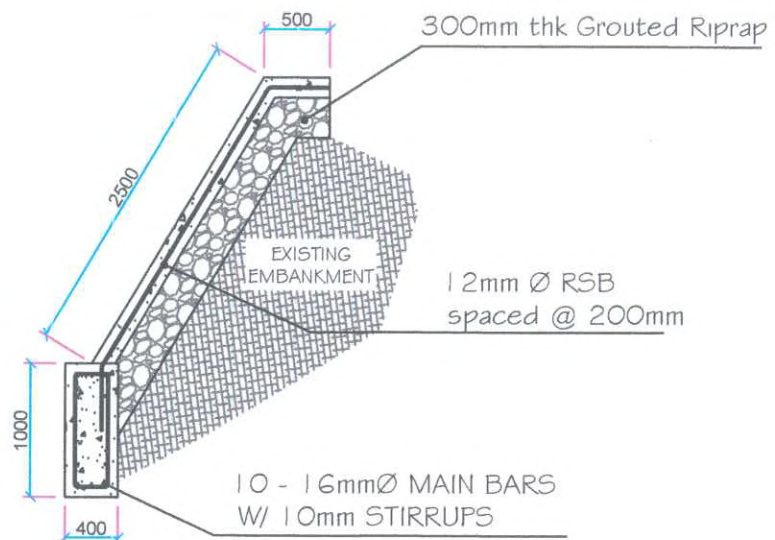


SECTION TRHU A-A  
SCALE 1:20 NTS



SECTION TRHU B-B  
SCALE 1: NTS

<p>AGENCY:</p>  <p>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY</p> <p>OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER</p> <p>Ground Floor, City Hall Annex Building, Tabaco City-4511</p>	<p>PROJECT TITLE:</p> <p><b>REHAB AND IMPROVEMENT OF SAN ROQUE FISHPORT</b></p> <p>LOCATION: SAN ROQUE FISH PORT, TABACO CITY</p>	<p>PREPARED BY:</p>  <p>DAN ANTHONY B. BURABOD CEO - CAD OPERATOR</p>	<p>CHECKED BY:</p>  <p>ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE</p>	<p>REVIEWED BY:</p>  <p>FRANCO B. BITE CITY ARCHITECT</p>	<p>SUBMITTED BY:</p>  <p>DUNDO B. BONGALOSA OIC-CITY ENGINEER</p>	<p>APPROVED BY:</p>  <p>CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR</p>	<p>SHEET NO.:</p> <table border="1"> <tr> <td>3</td> <td>3</td> </tr> </table>	3	3
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SECTION

THIS SITE



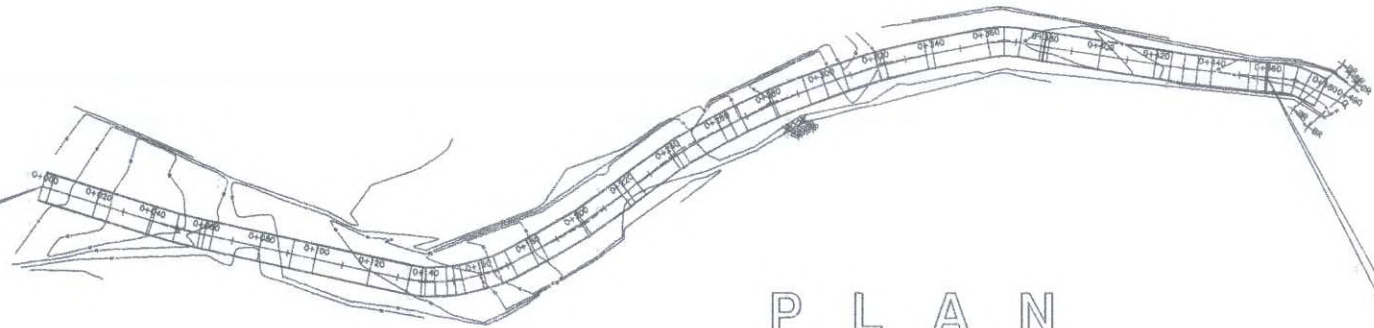
○ **DETAIL OF SLOPE PROTECTION**  
SCALE 1:50 MTS

**LOCATION MAP**

AGENCY:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	SUBMITTED BY:	APPROVED BY:	CONTROL NO.:	SHEET NO.:
REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY  OFFICE OF THE CITY ENGINEER GROUND FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-ALBAY	REHAB/IMPROVEMENT OF SAN VICENTE RIVER CONTROL  LOCATION: BRGY. SAN VICENTE, TABACO CITY	JOMARI VINCENT B. FRANCISCO CONSULTANT-CE	ROLAND B. GARCIA OIC - CGSO	FRANCO B. BITE CITY ARCHITECT	DINDO B. BONGALOSA OIC - CITY ENGINEERING OFFICE	CIELO KRISSEL LAGMAN - LUISTRO CITY MAYOR		1   1



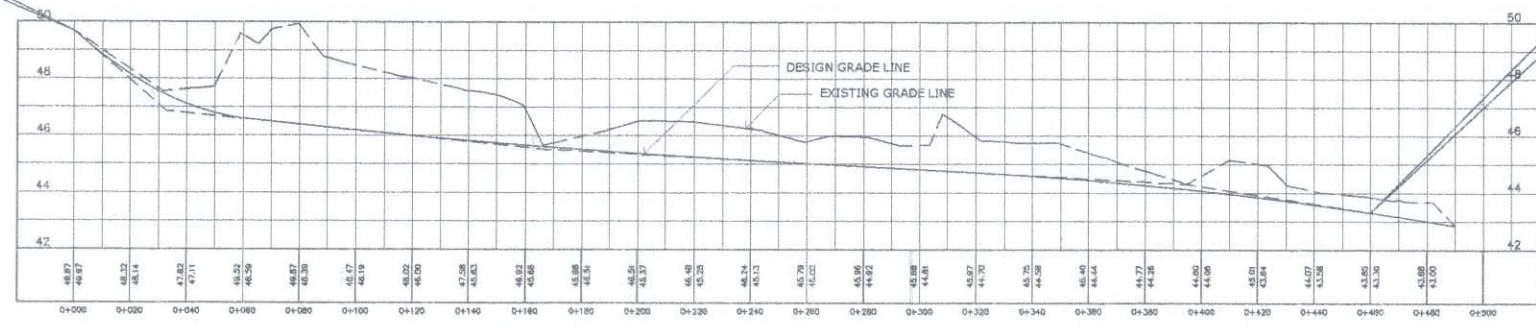




**P L A N**  
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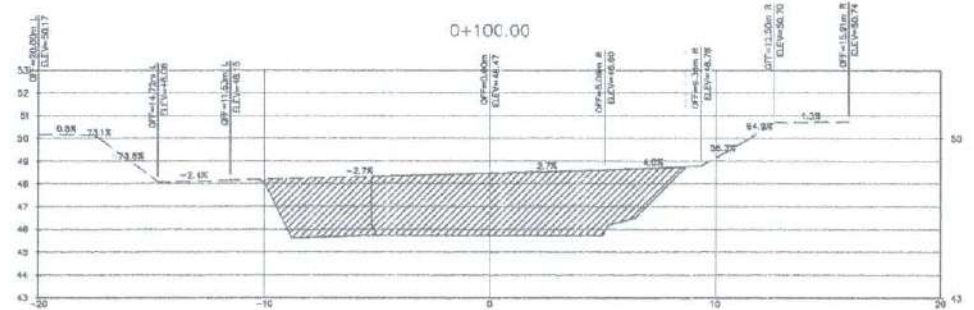
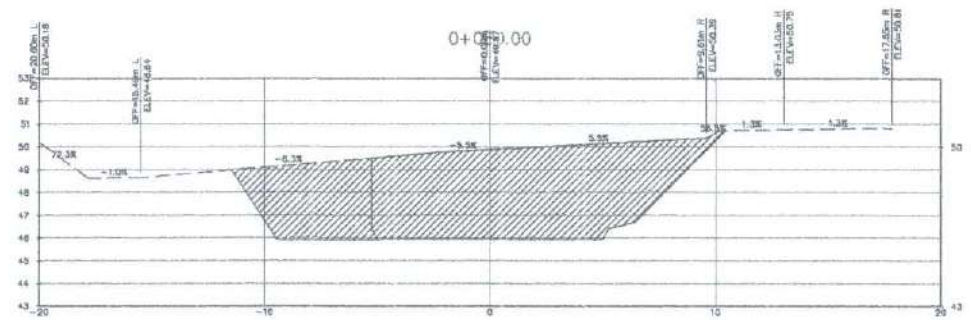
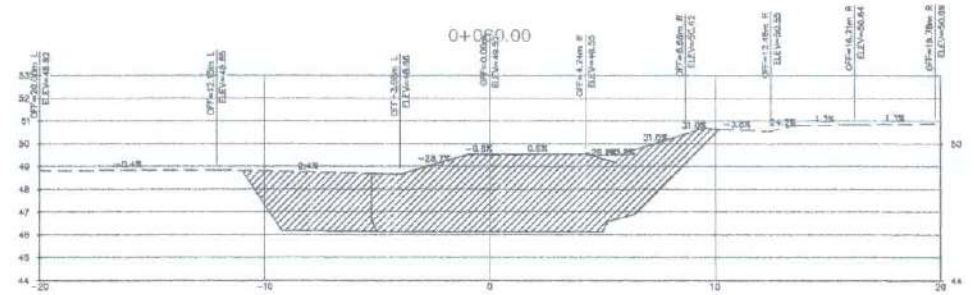
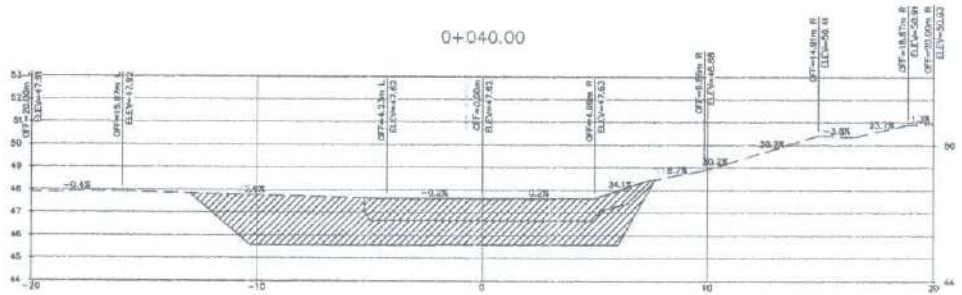
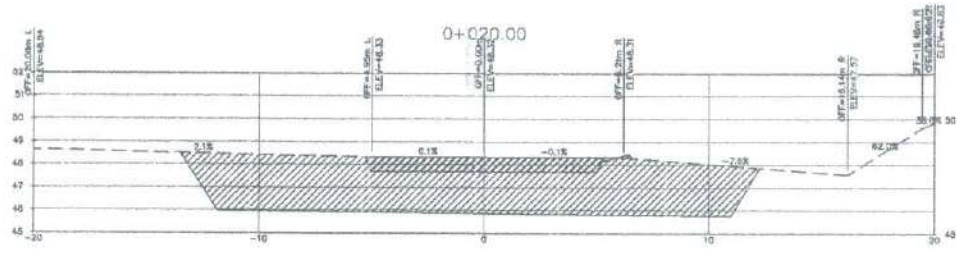
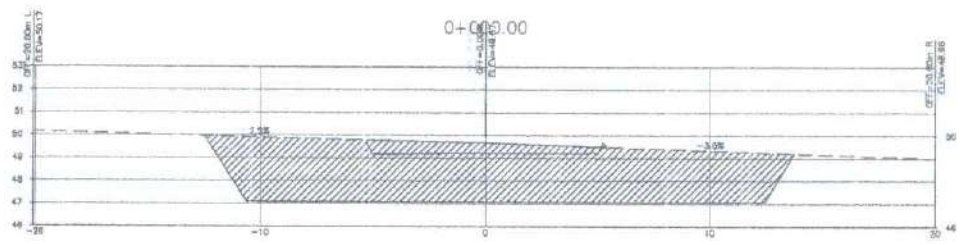
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(START OF PROJECT)

STA. 1+460.00  
(END OF PROJECT)

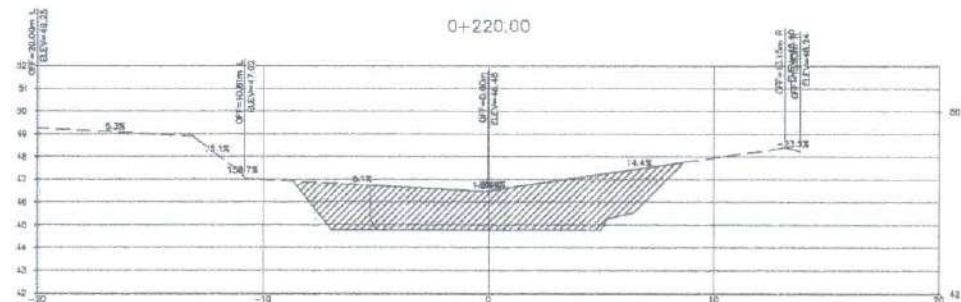
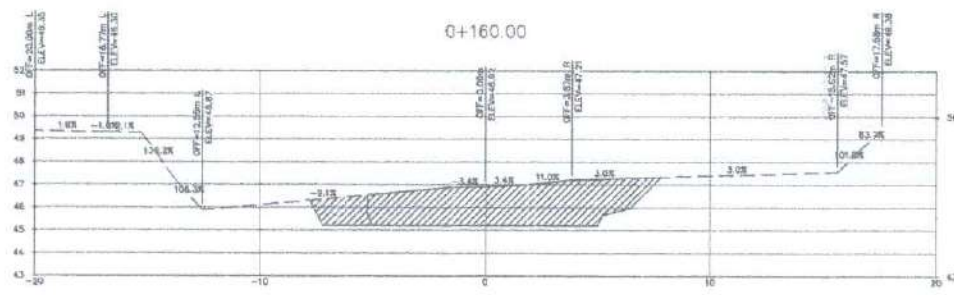
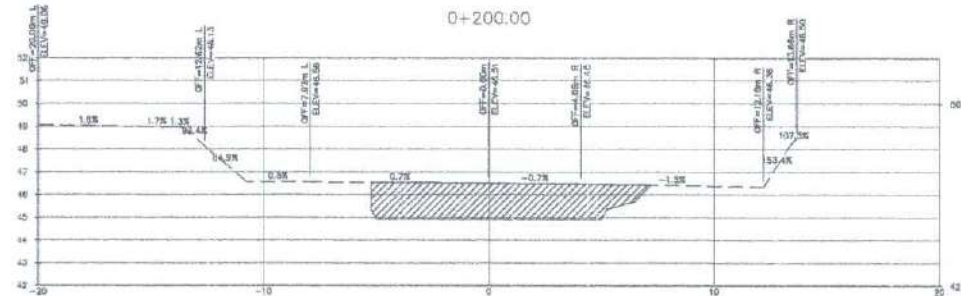
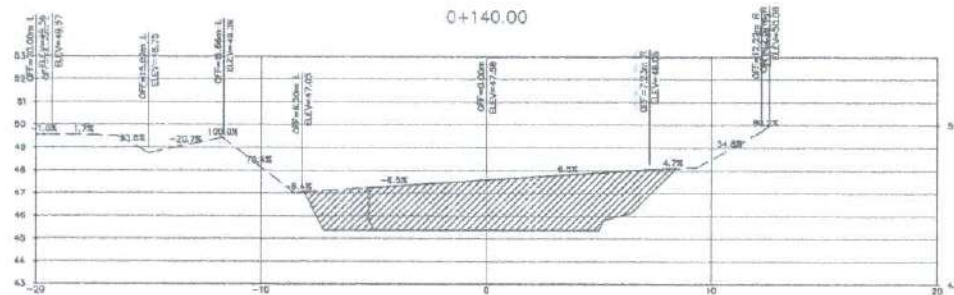
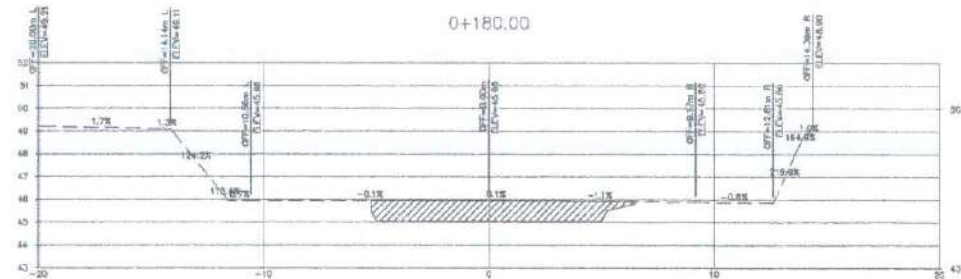
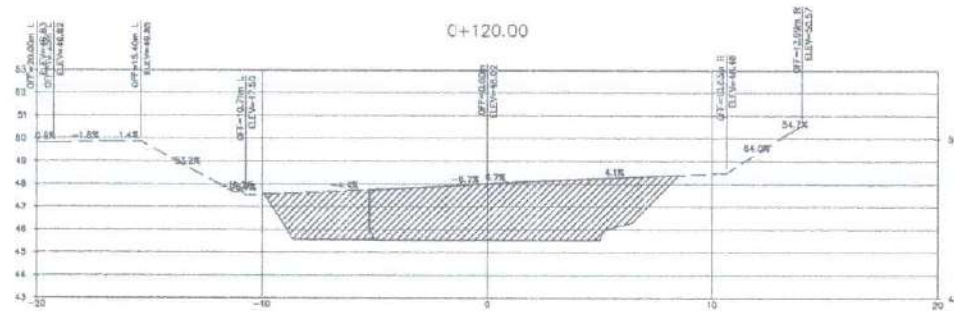


**P R O F I L E**  
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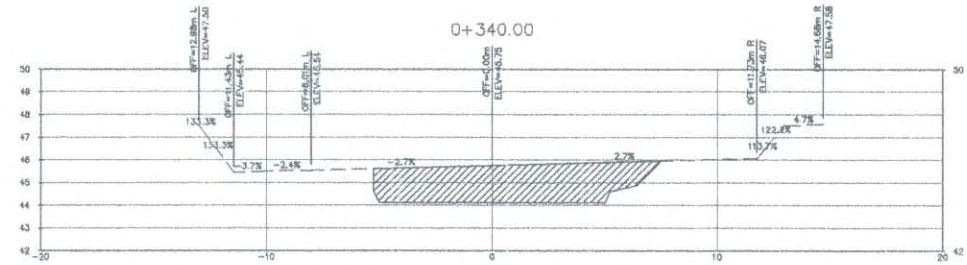
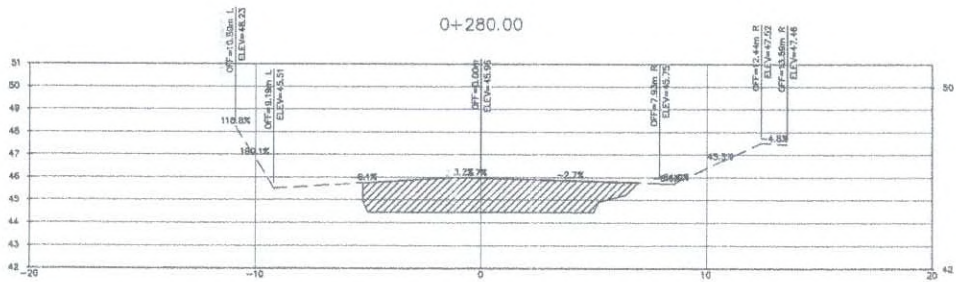
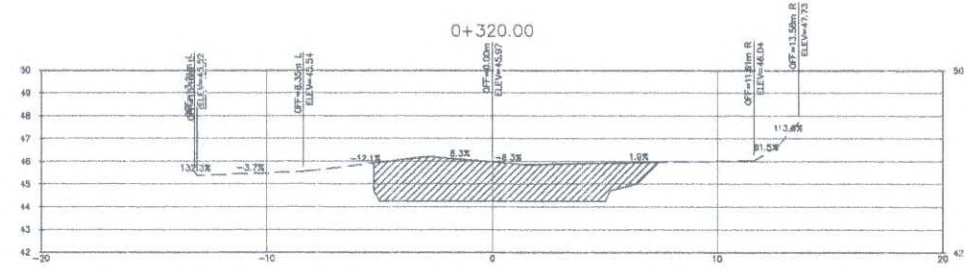
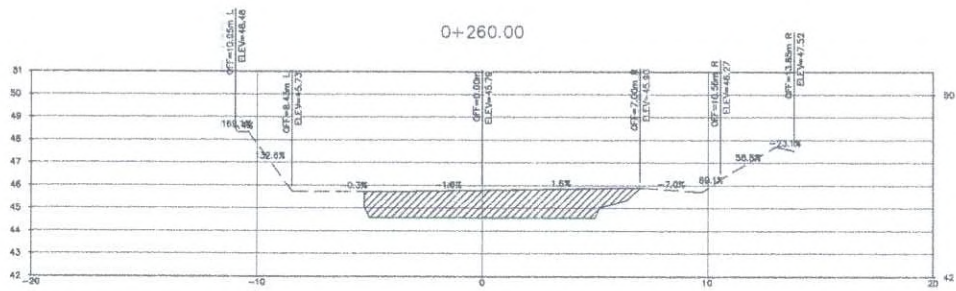
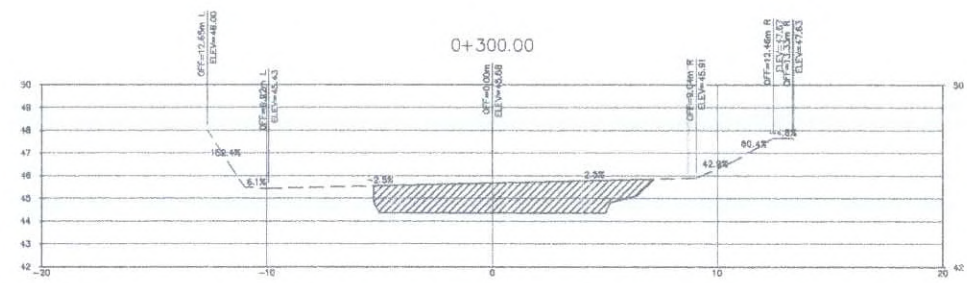
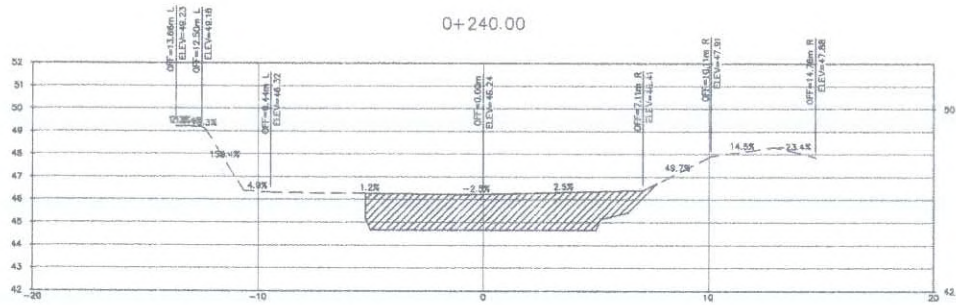
AGENCY: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611	PROJECT TITLE:  <p style="text-align: center;"><b>RECHANNELING/DESILTING OF TAGAS RIVER</b></p>	SURVEYED & CAD BY:   LEO ANGELOS B. BATALLER <small>DRAFTSMAN II</small>	PREPARED BY:   ROLAND B. GARCIA <small>OIC-CITY GENERAL SERVICES OFFICE</small>	CHECKED BY:   FRANCO B. BITE <small>CITY ARCHITECT</small>	REVIEWED BY:   DINDO B. BONGALOSA <small>OIC - CITY ENGINEER</small>	APPROVED BY:   CIELO KRISSEL LAGMAN-LUISTRO <small>CITY MAYOR</small>	SHEET NO.:  <p style="text-align: center;">2</p>
LOCATION: Cobo-Baranghayan Sector (Upstream of Basud Bridge), Tabaco City							



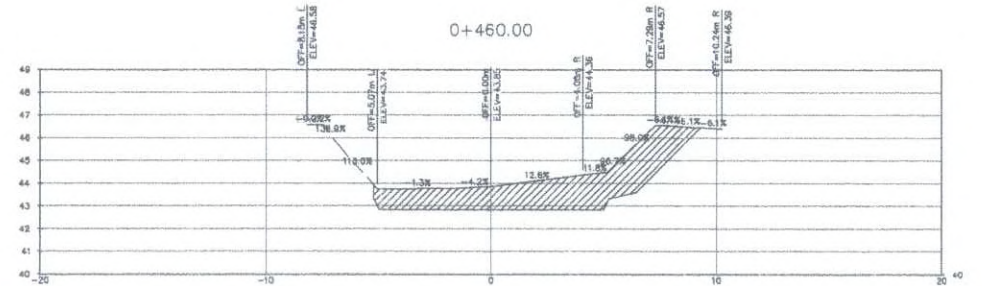
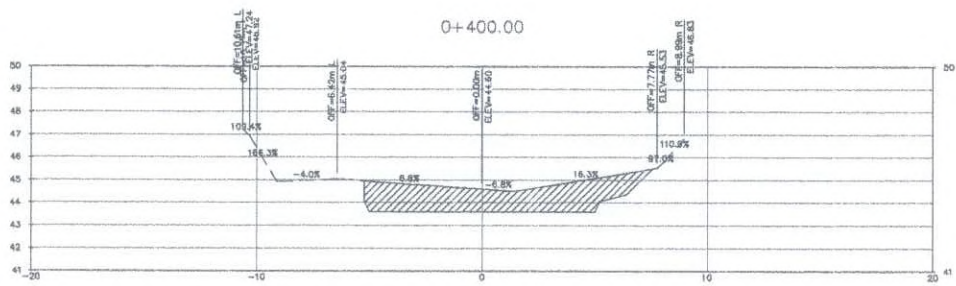
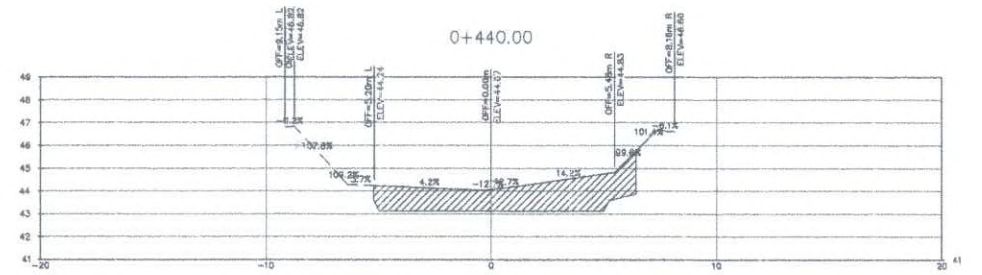
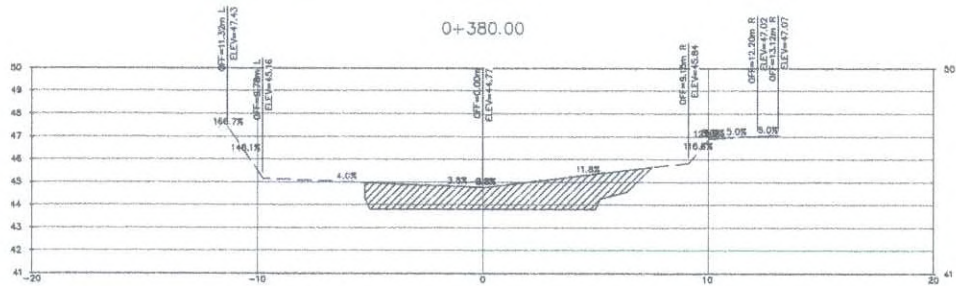
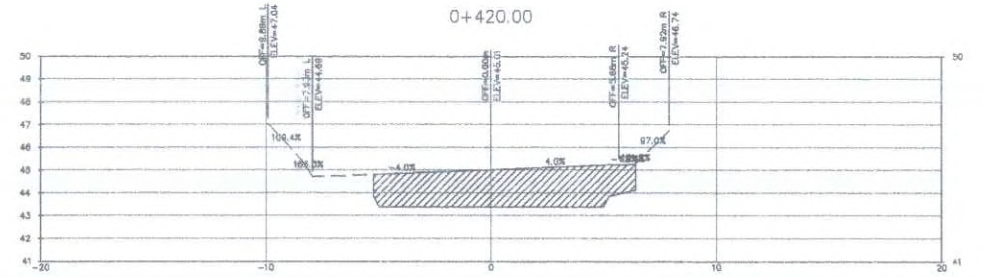
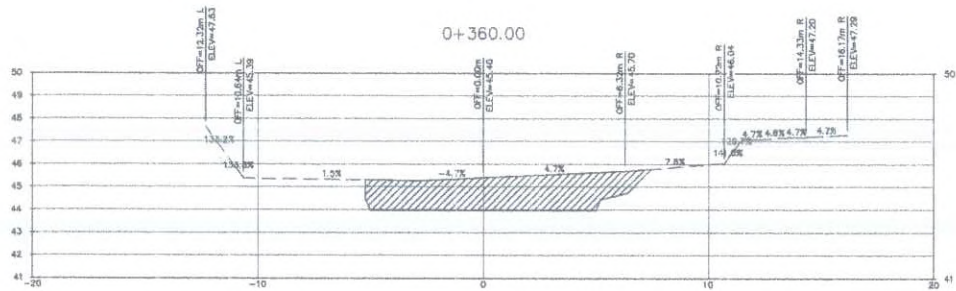
<p>AGENCY:</p> <p>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY</p> <p>OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611</p>	<p>PROJECT TITLE:</p> <p>RECHANNELING/DESILTING OF TAGAS RIVER</p> <p>LOCATION: Cobo-Bansigawon Section (Upstream of Basud Bridge), Tabaco City</p>	<p>SURVEYED &amp; CAD BY:</p> <p>LEO ANGELO C. BATALLER DRAFTSMAN II</p>	<p>PREPARED BY:</p> <p>ROLAND B. GARCIA CIC-CITY GENERAL SERVICES OFFICE</p>	<p>CHECKED BY:</p> <p>FRANCO B. BITE CITY ARCHITECT</p>	<p>REVIEWED BY:</p> <p>DINDO B. BONGALOSA CIC-CITY ENGINEER</p>	<p>APPROVED BY:</p> <p>CIELO KRISEL LAGMAN-LUISTRO CITY MAYOR</p>	<p>SHEET NO.:</p> <p>3</p>
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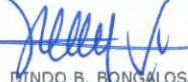



<p>AGENCY:</p>  <p>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABAGO TABAGO CITY-ALBAY</p>  <p>OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BLDG. TABAGO CITY-4611</p>	<p>PROJECT TITLE:</p> <p style="text-align: center;"><b>RECHANNELING/DESILTING OF TAGAS RIVER</b></p> <p>LOCATION: Cobo-Banarghawon Section (Upstream of Basud Bridge), Tabago City</p>	<p>SURVEYED &amp; CAD BY:</p> <p style="text-align: center;"><i>Leo Angelo</i> <b>LEO ANGELO CATALAN</b> DRAFTSMAN II</p>	<p>PREPARED BY:</p> <p style="text-align: center;"><i>Roland B. Garcia</i> <b>ROLAND B. GARCIA</b> OIC-CITY GENERAL SERVICES OFFICE</p>	<p>CHECKED BY:</p> <p style="text-align: center;"><i>Franco B. Bite</i> <b>FRANCO B. BITE</b> CITY ARCHITECT</p>	<p>REVIEWED BY:</p> <p style="text-align: center;"><i>Dinjo B. Bongalosa</i> <b>DINJO B. BONGALOSA</b> OIC - CITY ENGINEER</p>	<p>APPROVED BY:</p> <p style="text-align: center;"><i>Cielo Krusel Lagman-Luistro</i> <b>CIELO KRUSEL LAGMAN-LUISTRO</b> CITY MAYOR</p>	<p>SHEET NO.:</p> <p style="text-align: center;">4</p>
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<p>AGENCY:</p>  <p>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY</p>  <p>OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611</p>	<p>PROJECT TITLE:</p> <p>RECHANNELING/DESILTING OF TAGAS RIVER</p> <p>LOCATION: Cobo-Baranghawan Section (Upstream of Basud Bridge), Tabaco City</p>	<p>SURVEYED &amp; CAD BY:</p>  <p>LEO ANGELO CATAALLER DRAFTSMAN II</p>	<p>PREPARED BY:</p>  <p>ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE</p>	<p>CHECKED BY:</p>  <p>FRANCO B. BITE CITY ARCHITECT</p>	<p>REVIEWED BY:</p>  <p>DIMDO B. BOINGALOSA OIC - CITY ENGINEER</p>	<p>APPROVED BY:</p>  <p>CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR</p>	<p>SHEET NO.:</p> <p>5</p>
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AGENCY:  REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY  OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611	PROJECT TITLE: <p style="text-align: center;"><b>RECHANNELING/DESILTING OF TAGAS RIVER</b></p> LOCATION: Cobo-Baranghawn Section (Upstream of Basud Bridge), Tabaco City	SURVEYED & CAD BY:  <b>LEO ANGELO G. BATALLER</b> DRAFTSMAN II	PREPARED BY:  <b>ROLAND B. GARCIA</b> OIC-CITY GENERAL SERVICES OFFICE	CHECKED BY:  <b>FRANCO B. BITE</b> CITY ARCHITECT	REVIEWED BY:  <b>LINDO B. BONGALOSA</b> OIC-CITY ENGINEER	APPROVED BY:  <b>CIELO KRISSEL LAGMAN-LUISTRO</b> CITY MAYOR	SHEET NO.: <p style="text-align: center;">6</p>
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Volume Report			
Station	Cut Area (Sq.m.)	Cut Volume (Cu.m.)	Cum. Cut Vol. (Cu.m.)
0+000.000	41.000	-	-
0+020.000	35.000	760.00	760.00
0+040.000	33.000	680.00	1,440.00
0+060.000	41.710	747.10	2,187.10
0+080.000	51.920	936.30	3,123.40
0+100.000	33.590	855.10	3,978.50
0+120.000	30.180	637.70	4,616.20
0+140.000	28.000	581.80	5,198.00
0+160.000	31.000	590.00	5,788.00
0+180.000	30.000	610.00	6,398.00
0+200.000	29.000	590.00	6,988.00
0+220.000	31.000	600.00	7,588.00
0+240.000	27.000	580.00	8,168.00
0+260.000	26.000	530.00	8,698.00
0+280.000	29.000	550.00	9,248.00
0+300.000	27.000	560.00	9,808.00
0+320.000	26.000	530.00	10,338.00
0+340.000	28.000	540.00	10,878.00
0+360.000	26.000	540.00	11,418.00
0+380.000	28.000	540.00	11,958.00
0+400.000	29.000	570.00	12,528.00
0+420.000	29.000	580.00	13,108.00
0+440.000	26.319	553.19	13,661.19
0+460.000	26.000	523.19	14,184.38

AGENCY:  REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY  OFFICE OF THE CITY ARCHITECT OFFICE OF THE LOCAL BUILDING OFFICIAL FOURTH FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4611	PROJECT TITLE: <p style="text-align: center;">RECHANNELING/DESILTING OF TAGAS RIVER</p> LOCATION: Cobo-Baranghayan Section (Upstream of Basud Bridge), Tabaco City	SURVEYED & CAD BY:  LEO ANGELO G. BATALLER DRAFTSMAN II	PREPARED BY:  ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE	CHECKED BY:  FRANCO B. BITE CITY ARCHITECT	REVIEWED BY:  DINDO B. BONGALOSA OIC - CITY ENGINEER	APPROVED BY:  CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR	SHEET NO.: <p style="text-align: center;">7</p>
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***Section VIII. Bill of Quantities***

**Project Title:** Construction/Rehabilitation/Improvement of Various Public Infrastructures  
(River Control, River Channel, & Port)

**Location:** Various Barangays, Tabaco City

**Contract ID No.** 009-07-2022-INFRA

**Approved Budget for the Contract (ABC):** Php 46,500,000.00

**Duration:** 240 Calendar Days

## BILL OF QUANTITIES

Item No.	Description of Work to be Done		Qty	Unit	Unit Price (Php)	Total Amount (Php)
<b>1</b>	<b>Rehabilitation/Improvement of Bangkilingan River Control, Brgy. Bangkilingan, Tabaco City- Rehabilitation of 51 LM River Control</b>					
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.		
	SPL-2	Clearing & Demolition Works	153.00	sq.m.		
	103	Excavation for Structures	60.69	cu.m.		
	404	Reinforcing Steel	4,237.75	kgs		
	405	Structural Concrete	55.46	cu.m		
	516	Handlaid Rock Embankment	283.05	cu.m		
	504	Grouted Riprap	66.30	cu.m		
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s.		
	SPL-4	Occupational Safety & Health Program	1.00	l.s.		
	SPL-5	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
<b>2</b>	<b>Rehabilitation/Improvement of San Ramon River Control, Brgy. San Ramon, Tabaco City- Rehabilitation/Improvement of 89.5 LM River Control</b>					
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.		
	SPL-2	Clearing & Demolition Works	313.25	sq.m.		
	103	Excavation for Structures	114.56	cu.m.		
	404	Reinforcing Steel	7,851.83	kgs		
	405	Structural Concrete	95.99	cu.m		
	516	Handlaid Rock Embankment	324.44	cu.m		
	504	Grouted Riprap	81.89	cu.m		
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s		
	SPL-4	Occupational Safety & Health Program	1.00	l.s		
	SPL-5	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
<b>3</b>	<b>Construction/Improvement of Sua-Igot River Control, Brgy. Sua-Igot, Tabaco City- Construction/Improvement of 106.5 LM River Control</b>					
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.		
	SPL-2	Clearing & Demolition Works	340.80	sq.m.		
	103	Excavation for Structures	120.35	cu.m.		
	404	Reinforcing Steel	8,077.17	kgs		
	405	Structural Concrete	120.61	cu.m		
	516	Handlaid Rock Embankment	222.59	cu.m		
	504	Grouted Riprap	39.94	cu.m		
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s		
	SPL-4	Occupational Safety & Health Program	1.00	l.s		
	SPL-5	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
<b>4</b>	<b>Rehabilitation/Improvement of Bacolod River Control, Brgy. Bacolod, Tabaco City- Rehabilitation/Improvement of 88 LM River Control</b>					
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.		
	SPL-2	Clearing & Demolition Works	246.40	sq.m.		
	103	Excavation for Structures	57.20	cu.m.		
	404	Reinforcing Steel	7,360.85	kgs		
	405	Structural Concrete	93.06	cu.m		

	516	Handlaid Rock Embankment	89.76	cu.m		
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s		
	SPL-4	Occupational Safety & Health Program	1.00	l.s		
	SPL-5	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
<b>5</b>	<b>Construction/Improvement of Bogñabong-Mariroc River Control, Bogñabong-Mariroc Section, Brgy. Mariroc, Tabaco City-Rehabilitation/Improvement of 86 LM River Control</b>					
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.		
	SPL-2	Clearing Works	301.00	sq.m.		
	103	Excavation for Structures	110.08	cu.m.		
	404	Reinforcing Steel	8,630.86	kgs		
	405	Structural Concrete	112.88	cu.m		
	516	Handlaid Rock Embankment	580.50	cu.m		
	504	Grouted Riprap	107.07	cu.m		
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s		
	SPL-4	Occupational Safety & Health Program	1.00	l.s		
	SPL-5	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
<b>6</b>	<b>Construction/Improvement of Mariroc River Control, Brgy. Mariroc, Tabaco City-Construction/Improvement of 89LM River Control</b>					
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.		
	SPL-2	Clearing & Grubbing	311.50	sq.m.		
	103	Excavation for Structures	113.92	cu.m.		
	404	Reinforcing Steel	8,991.85	kgs		
	405	Structural Concrete	114.14	cu.m		
	516	Handlaid Rock Embankment	623.00	cu.m		
	504	Grouted Riprap	102.80	cu.m		
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s		
	SPL-4	Occupational Safety & Health Program	1.00	l.s		
	SPL-5	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
<b>7</b>	<b>Construction/Improvement of Pinagbobong-San Vicente River Control, Brgy. Pinagbobong, Tabaco City-Construction/Improvement of 128.5 LM River Control</b>					
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.		
	SPL-2	Clearing & Demolition Works	514.00	sq.m.		
	103	Excavation for Structures	181.19	cu.m.		
	404	Reinforcing Steel	11,268.91	kgs		
	405	Structural Concrete	158.06	cu.m		
	516	Handlaid Rock Embankment	708.36	cu.m		
	504	Grouted Riprap	152.27	cu.m		
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s		
	SPL-4	Occupational Safety & Health Program	1.00	l.s		
	SPL-5	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
<b>8</b>	<b>Rehabilitation/Improvement of Cormidal River Control, Brgy. Cormidal, Tabaco City-Rehabilitation/Improvement of 137 LM River Control</b>					
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.		
	SPL-2	Clearing & Demolition Works	479.50	sq.m.		
	103	Excavation for Structures	175.36	cu.m.		
	404	Reinforcing Steel	10,651.18	kgs		
	405	Structural Concrete	134.60	cu.m		
	516	Handlaid Rock Embankment	428.13	cu.m		
	504	Grouted Riprap	78.09	cu.m		
	SPL-2	Bunkhouse (Rental Basis)	1.00	lot		
	SPL-3	Occupational Safety & Health Program	1.00	lot		
	SPL-4	Fab/Installation of Billboards	1.00	unit		

	<i>Subtotal</i>				
<b>9</b>	<b>Rehabilitation/Improvement of Tayhi River Control, Brgy. Tayhi, Tabaco City- Rehabilitation/Improvement of 77 LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing & Demolition Works	269.50	sq.m.	
	103	Excavation for Structures	100.87	cu.m.	
	404	Reinforcing Steel	6,502.09	kgs	
	405	Structural Concrete	106.84	cu.m	
	516	Handlaid Rock Embankment	457.38	cu.m	
	504	Grouted Riprap	32.34	cu.m	
	SPL-3	Bunkhouse (Rental Basis)	1.00	lot	
	SPL-4	Occupational Safety & Health Program	1.00	lot	
	SPL-5	Fab/Installation of Billboards	1.00	unit	
	<i>Subtotal</i>				
<b>10</b>	<b>Rehabilitation/Improvement of Cobo-Baranghawon River Control, Brgy. Baranghawon, Tabaco City- Rehabilitation/Improvement of 81.5 LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing & Demolition Works	326.00	sq.m.	
	103	Excavation for Structures	106.77	cu.m.	
	404	Reinforcing Steel	7,607.89	kgs	
	405	Structural Concrete	111.86	cu.m	
	516	Handlaid Rock Embankment	315.81	cu.m	
	504	Grouted Riprap	40.34	cu.m	
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s	
	SPL-4	Occupational Safety & Health Program	1.00	l.s	
	SPL-5	Fab/Installation of Billboards	1.00	unit	
	<i>Subtotal</i>				
<b>11</b>	<b>Rehabilitation/Improvement of San Roque River Control, Brgy. San Roque, Tabaco City- Rehabilitation/Improvement of 67.5 L.m River Control</b>				
	I	Demolition of Existing Structure	168.75	lot	
	II	Temporary Diversion of Waterways	1.00	L.s	
	III	Structure Excavation	78.98	cu.m	
	IV	Reinforcing Steel Bars	3,767.28	kgs	
	V	Structral Concrete	118.80	cu.m	
	VI	Formworks	364.50	sq.m	
	IX	Handlaid Rock Embankment	303.75	cu.m	
	X	Grouted Riprap	117.45	cu.m	
	XI	Removal & Disposal of Excavated/ Unsuitable Materials	132.98	cu.m	
	XII	Bunkhouse (Rental Basis) and Other Facilities	1.00	l.s	
	XIII	Project Billboard/Signboard	1.00	unit	
	XIV	Occupational Construction Safety and Health	3.00	months	
	<i>Subtotal</i>				
<b>12</b>	<b>Rehabilitation/Improvement of San Roque Fishport, Brgy. San Roque, Tabaco City</b>				
	<b>I.</b>	<b>Rehabilitation/Improvement of Back-up Area</b>			
	SPL - 1	Temporary Diversion of Waterway and Dewatering	1.00	lot	
	SPL - 2	Removal of Damaged / Dilapidated Existing Structures	48.00	m <sup>2</sup>	
	102	Excavation Works	56.00	m <sup>3</sup>	
	104-5	Boulder Fill	1.90	m <sup>3</sup>	
	508-B	Class II Rocks (500-800 kgs/pc)	38.00	m <sup>3</sup>	
	505	Grouted Riprap	26.25	m <sup>3</sup>	
	902	Reinforcing Steel Bars	1,462.53	kgs	
	405	Structural Concrete	37.07	m <sup>3</sup>	
	<b>II.</b>	<b>Reblocking of 328.72 sq.m x 250mm thk, Roadways</b>			
	SPL - 3	Concrete Cutting of Existing PCCP &	472.24	m <sup>2</sup>	

		Demolition of Obstruction				
	105	Subgrade Preparation	472.24	m <sup>2</sup>		
	201	Aggregate Base Course	70.84	m <sup>3</sup>		
	311	PCCP (thk=0.250m)	472.24	m <sup>2</sup>		
	SPL - 4	Removal & Disposal of Excavated Mat'ls	70.84	m <sup>3</sup>		
	<b>III.</b>	<b>Other General Requirements</b>				
	SPL - 5	Bunkhouse (Rental Basis) and Other Facilities	1.00	lot		
	SPL - 6	Occupational Safety & Health Program	1.00	lot		
	SPL - 7	Fab/Installation of Billboards	1.00	unit		
					<i>Subtotal</i>	
<b>13</b>	<b>Rehabilitation/Improvement of San Vicente River Control, Brgy. San Vicente, Tabaco City- Rehabilitation/Improvement of 29 L.m. River Control</b>					
	I	Temporary Diversion of Waterways	1.00	l.s		
	II	Demolition of Existing Structure & Obstruction	54.00	sq.m		
	III	Structural Excavation	20.88	cu.m		
	IV	Embankment	315.00	cu.m		
	V	Grouted Riprap	26.10	sq.m		
	VI	Reinforcing Steel	1,426.69	kgs		
	VII	Structural Concrete	24.65	sq.m		
	VIII	Formworks	133.40	sq.m		
	IX	Removal & Disposal of Excavated/ Unsuitable Materials	31.68	cu.m		
	X	Bunkhouse (Rental Basis) and Other Facilities	1.00	l.s		
	XI	Project Billboard/Signboard	1.00	unit		
	XII	Occupational Construction Safety and Health	1.00	l.s		
					<i>Subtotal</i>	
<b>14</b>	<b>Rehabilitation/Improvement of Matagbac River Control, Brgy. Matagbac, Tabaco City- Rehabilitation/Improvement of 37 L.m River Control</b>					
	I	Temporary Diversion of Waterways	1.00	l.s		
	II	Demolition of Existing Structure	148.00	sq.m		
	III	Structure Excavation	61.05	cu.m		
	IV	Handlaid Rock Embankment	310.80	cu.m		
	V	Reinforcing Steel	2,416.82	kgs		
	VI	Structral Concrete	72.52	cu.m		
	VII	Formworks	236.80	sq.m		
	VIII	Grouted Riprap	69.93	cu.m		
	IX	Removal & Disposal of Excavated/ Unsuitable Materials	90.65	cu.m		
	X	Bunkhouse (Rental Basis) and Other Facilities	1.00	l.s		
	XI	Project Billboard/Signboard	1.00	unit		
	XII	Occupational Construction Safety and Health	3.00	months		
					<i>Subtotal</i>	
<b>15</b>	<b>Rechanneling/Desilting of Tagas River, Cobo-Baranghawon Section (Upstream of Basud Bridge), Tabaco City</b>					
	SPL-1	Clearing & Deepening of Waterways	14,184.38	cu.m		
	SPL-2	Removal & Disposal of Silted Materials	5,673.75	cu.m		
	SPL-3	Fab/Installation of Billboard	1.00	unit		
	SPL-4	Occupational Construction Safety and Health	1.00	l.s		
					<i>Subtotal</i>	
					<b>TOTAL</b>	
<b>Name of the Company/Bidder</b>		<b>Name of Authorized Representative</b>		<b>Signature of Authorized Representative</b>		

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

# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### *Class “A” Documents*

#### Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

#### Technical Documents

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

#### Financial Documents

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

### *Class “B” Documents*

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

instance that the bid is successful.

## II. FINANCIAL COMPONENT ENVELOPE

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

### *Other documentary requirements under RA No. 9184*

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

## **Annex A. Forms & Templates**



Name of the Procuring Entity: *LGU-Tabaco City*

Contract ID No. *009-07-2022-INFRA*

Name of the Project: *Construction/Rehabilitation/ Improvement of Various Infrastructures (River Control, River Channel & Port)*

Project Location: *Various Barangays, Tabaco City*

**Statement of SINGLE LARGEST COMPLETED CONTRACT (SLCC) which is similar in nature**

Business Name : \_\_\_\_\_

Business Address : \_\_\_\_\_

Name of Contract	a. Owner Name b. Address c. Telephone Nos.	Nature of Work	Contractor's Role		a. Amount at Award b. Amount at Completion c. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed
			Description	%		

**Note: This statement shall be supported with:**

- 1 Notice of Award and/ or Notice to Proceed;**
- 2 Owner's Certificate of Final Acceptance or Completion, or**
- 3 CPES Satisfactory Final Rating**

Submitted by : \_\_\_\_\_  
(Printed Name & Signature)

Designation : \_\_\_\_\_

Date : \_\_\_\_\_

Name of the Procuring Entity: *LGU-Tabaco City*

Contract ID No. *009-07-2022-INFRA*

Name of the Project: *Construction/Rehabilitation/Improvement of Various Infrastructures (River Control, River Channel & Port)*

Project Location: *Various Barangays, Tabaco City*

## **Net Financial Contracting Capacity (NFCC)**

- A. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached 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 = 15 (current asset – current liabilities) minus value of all outstanding works under ongoing contracts including awarded contracts yet to be started

NFCC = P \_\_\_\_\_

Herewith attached are certified true copies of the income tax return and audited financial statement: stamped "RECEIVED" by the BIR or BIR authorized collecting agent for the immediately preceding year.

Submitted by:

\_\_\_\_\_

Name of Supplier / Distributor / Manufacturer

\_\_\_\_\_

Signature of Authorized Representative

Date : \_\_\_\_\_

## **Bid Securing Declaration Form**

*[shall be submitted with the Bid if bidder opts to provide this form of bid security]*

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_) S.S.

### **BID SECURING DECLARATION** **Project Identification No.: 008-07-2022-INFRA**

To: **The City Government of Tabaco**  
Tabaco 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 procurement 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 No. 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/we filed a waiver to avail of said right; and
  - c. I am/we are declared the bidder with the Lowest Calculated 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 OR ITS AUTHORIZED  
REPRESENTATIVE]*

*[Insert signatory's legal capacity]*

Affiant

**[Jurat]**

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

Name of the Procuring Entity: **LGU-Tabaco City**

Contract ID No. **009-07-2022-INFRA**

Name of the Project: **Construction/Rehabilitation/ Improvement of Various Infrastructures (River Control, River Channel & Port)**

Project Location: **Various Barangays, Tabaco City**

### QUALIFICATION OF KEY PERSONNEL PROPOSED TO BE ASSIGNED TO THE CONTRACT

Business Name : \_\_\_\_\_

Business Address: \_\_\_\_\_

	Project Manager	Project Engineer	Materials Engineer	Construction Foreman	Safety Officer	First Aider	Other positions deemed required by the Applicant for this project
1 Name							
2 Address							
3 Date of Birth							
4 Employed Since							
5 Experience							
6 Previous Employment							
7 Education							
8 PRC License							

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

Submitted by : \_\_\_\_\_  
(Printed Name & Signature)

Designation : \_\_\_\_\_

Date : \_\_\_\_\_

Name of the Procuring Entity: **LGU-Tabaco City**

Contract ID No. **009-07-2022-INFRA**

Name of the Project: **Construction/Rehabilitation/ Improvement of Various Infrastructures (River Control, River Channel & Port)**

Project Location: **Various Barangays, Tabaco City**

**List of Equipment, Owned or Leased and/or under Purchase Agreements, Pledged to the Proposed Contract**

Business Name : \_\_\_\_\_

Business Address: \_\_\_\_\_

Description	Quantity	Model/ Year	Capacity / Performance / Size	Plate No.	Motor No. / Body No.	Location	Condition	Proof of Ownership / Lessor or Vendor
<b><u>A. Owned</u></b>								
i.								
ii.								
iii.								
iv.								
v.								
<b><u>B. Leased</u></b>								
i.								
ii.								
<u>iii.</u>								
iv.								
v.								
<b><u>C. Under Purchase Agreements</u></b>								
i.								
ii.								
iii.								
iv.								

Submitted by : \_\_\_\_\_

(Printed Name & Signature)

Designation : \_\_\_\_\_

Date : \_\_\_\_\_

## Omnibus Sworn Statement (Revised)

*[shall be submitted with the Bid]*

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REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

### AFFIDAVIT

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

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

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

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

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

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

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

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

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

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

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

*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical

Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

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

**IN WITNESS WHEREOF**, I have hereunto set my hand this \_\_\_ day of \_\_\_, 20\_\_ at \_\_\_\_\_, Philippines.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*

Affiant

**[Jurat]**

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

# Bid Form for the Procurement of Infrastructure Projects

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## BID FORM

Date : \_\_\_\_\_  
Project Identification No.: 009-07-2022-INFRA.

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

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

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines<sup>1</sup> 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

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<sup>1</sup> currently based on GPPB Resolution No. 09-2020

for the [Name of Project] of the [Name of the Procuring Entity].

1. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

Date: \_\_\_\_\_

Name of the Procuring Entity: **LGU-Tabaco City**

Contract ID No. **009-07-2022-INFRA**

Name of the Project: **Construction/Rehabilitation/Improvement of Various Infrastructures (River Control, River Channel & Port)**

Project Location: **Various Barangays, Tabaco City**

## BILL OF QUANTITIES

Item No.	Description of Work to be Done	Qty	Unit	Unit Price (Php)	Total Amount (Php)
<b>1</b>	<b>Rehabilitation/Improvement of Bangkilingan River Control, Brgy. Bangkilingan, Tabaco City- Rehabilitation of 51 LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing & Demolition Works	153.00	sq.m.	
	103	Excavation for Structures	60.69	cu.m.	
	404	Reinforcing Steel	4,237.75	kgs	
	405	Structural Concrete	55.46	cu.m	
	516	Handlaid Rock Embankment	283.05	cu.m	
	504	Grouted Riprap	66.30	cu.m	
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s.	
	SPL-4	Occupational Safety & Health Program	1.00	l.s.	
	SPL-5	Fab/Installation of Billboards	1.00	unit	
	<i>Subtotal</i>				
<b>2</b>	<b>Rehabilitation/Improvement of San Ramon River Control, Brgy. San Ramon, Tabaco City- Rehabilitation/Improvement of 89.5 LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing & Demolition Works	313.25	sq.m.	
	103	Excavation for Structures	114.56	cu.m.	
	404	Reinforcing Steel	7,851.83	kgs	
	405	Structural Concrete	95.99	cu.m	
	516	Handlaid Rock Embankment	324.44	cu.m	
	504	Grouted Riprap	81.89	cu.m	
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s	
	SPL-4	Occupational Safety & Health Program	1.00	l.s	
	SPL-5	Fab/Installation of Billboards	1.00	unit	
	<i>Subtotal</i>				
<b>3</b>	<b>Construction/Improvement of Sua-Igot River Control, Brgy. Sua-Igot, Tabaco City- Construction/Improvement of 106.5 LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing & Demolition Works	340.80	sq.m.	
	103	Excavation for Structures	120.35	cu.m.	
	404	Reinforcing Steel	8,077.17	kgs	
	405	Structural Concrete	120.61	cu.m	
	516	Handlaid Rock Embankment	222.59	cu.m	
	504	Grouted Riprap	39.94	cu.m	
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s	
	SPL-4	Occupational Safety & Health Program	1.00	l.s	
	SPL-5	Fab/Installation of Billboards	1.00	unit	
	<i>Subtotal</i>				
<b>4</b>	<b>Rehabilitation/Improvement of Bacolod River Control, Brgy. Bacolod, Tabaco City- Rehabilitation/Improvement of 88 LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing & Demolition Works	246.40	sq.m.	
	103	Excavation for Structures	57.20	cu.m.	
	404	Reinforcing Steel	7,360.85	kgs	
	405	Structural Concrete	93.06	cu.m	
	516	Handlaid Rock Embankment	89.76	cu.m	
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s	
	SPL-4	Occupational Safety & Health Program	1.00	l.s	
	SPL-5	Fab/Installation of Billboards	1.00	unit	
	<i>Subtotal</i>				

<b>5</b>	<b>Construction/Improvement of Bogñabong-Mariroc River Control, Bogñabong-Mariroc Section, Brgy. Mariroc, Tabaco City-Rehabilitation/Improvement of 86 LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing Works	301.00	sq.m.	
	103	Excavation for Structures	110.08	cu.m.	
	404	Reinforcing Steel	8,630.86	kgs	
	405	Structural Concrete	112.88	cu.m	
	516	Handlaid Rock Embankment	580.50	cu.m	
	504	Grouted Riprap	107.07	cu.m	
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s	
	SPL-4	Occupational Safety & Health Program	1.00	l.s	
	SPL-5	Fab/Installation of Billboards	1.00	unit	
	<i>Subtotal</i>				
<b>6</b>	<b>Construction/Improvement of Mariroc River Control, Brgy. Mariroc, Tabaco City-Construction/Improvement of 89LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing & Grubbing	311.50	sq.m.	
	103	Excavation for Structures	113.92	cu.m.	
	404	Reinforcing Steel	8,991.85	kgs	
	405	Structural Concrete	114.14	cu.m	
	516	Handlaid Rock Embankment	623.00	cu.m	
	504	Grouted Riprap	102.80	cu.m	
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s	
	SPL-4	Occupational Safety & Health Program	1.00	l.s	
	SPL-5	Fab/Installation of Billboards	1.00	unit	
	<i>Subtotal</i>				
<b>7</b>	<b>Construction/Improvement of Pinagbobong-San Vicente River Control, Brgy. Pinagbobong, Tabaco City-Construction/Improvement of 128.5 LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing & Demolition Works	514.00	sq.m.	
	103	Excavation for Structures	181.19	cu.m.	
	404	Reinforcing Steel	11,268.91	kgs	
	405	Structural Concrete	158.06	cu.m	
	516	Handlaid Rock Embankment	708.36	cu.m	
	504	Grouted Riprap	152.27	cu.m	
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s	
	SPL-4	Occupational Safety & Health Program	1.00	l.s	
	SPL-5	Fab/Installation of Billboards	1.00	unit	
	<i>Subtotal</i>				
<b>8</b>	<b>Rehabilitation/Improvement of Cormidal River Control, Brgy. Cormidal, Tabaco City-Rehabilitation/Improvement of 137 LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing & Demolition Works	479.50	sq.m.	
	103	Excavation for Structures	175.36	cu.m.	
	404	Reinforcing Steel	10,651.18	kgs	
	405	Structural Concrete	134.60	cu.m	
	516	Handlaid Rock Embankment	428.13	cu.m	
	504	Grouted Riprap	78.09	cu.m	
	SPL-2	Bunkhouse (Rental Basis)	1.00	lot	
	SPL-3	Occupational Safety & Health Program	1.00	lot	
	SPL-4	Fab/Installation of Billboards	1.00	unit	
	<i>Subtotal</i>				
<b>9</b>	<b>Rehabilitation/Improvement of Tayhi River Control, Brgy. Tayhi, Tabaco City-Rehabilitation/Improvement of 77 LM River Control</b>				
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.	
	SPL-2	Clearing & Demolition Works	269.50	sq.m.	
	103	Excavation for Structures	100.87	cu.m.	
	404	Reinforcing Steel	6,502.09	kgs	

	405	Structural Concrete	106.84	cu.m		
	516	Handlaid Rock Embankment	457.38	cu.m		
	504	Grouted Riprap	32.34	cu.m		
	SPL-3	Bunkhouse (Rental Basis)	1.00	lot		
	SPL-4	Occupational Safety & Health Program	1.00	lot		
	SPL-5	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
<b>10</b>	<b>Rehabilitation/Improvement of Cobo-Baranghawon River Control, Brgy. Baranghawon, Tabaco City- Rehabilitation/Improvement of 81.5 LM River Control</b>					
	SPL-1	Temporary Diversion of Waterway	1.00	l.s.		
	SPL-2	Clearing & Demolition Works	326.00	sq.m.		
	103	Excavation for Structures	106.77	cu.m.		
	404	Reinforcing Steel	7,607.89	kgs		
	405	Structural Concrete	111.86	cu.m		
	516	Handlaid Rock Embankment	315.81	cu.m		
	504	Grouted Riprap	40.34	cu.m		
	SPL-3	Bunkhouse (Rental Basis)	1.00	l.s		
	SPL-4	Occupational Safety & Health Program	1.00	l.s		
	SPL-5	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
<b>11</b>	<b>Rehabilitation/Improvement of San Roque River Control, Brgy. San Roque, Tabaco City- Rehabilitation/Improvement of 67.5 L.m River Control</b>					
	I	Demolition of Existing Structure	168.75	lot		
	II	Temporary Diversion of Waterways	1.00	L.s		
	III	Structure Excavation	78.98	cu.m		
	IV	Reinforcing Steel Bars	3,767.28	kgs		
	V	Structral Concrete	118.80	cu.m		
	VI	Formworks	364.50	sq.m		
	IX	Handlaid Rock Embankment	303.75	cu.m		
	X	Grouted Riprap	117.45	cu.m		
	XI	Removal & Disposal of Excavated/ Unsuitable Materials	132.98	cu.m		
	XII	Bunkhouse (Rental Basis) and Other Facilities	1.00	l.s		
	XIII	Project Billboard/Signboard	1.00	unit		
	XIV	Occupational Construction Safety and Health	3.00	months		
	<i>Subtotal</i>					
<b>12</b>	<b>Rehabilitation/Improvement of San Roque Fishport, Brgy. San Roque, Tabaco City</b>					
	<b>I.</b>	<b>Rehabilitation/Improvement of Back-up Area</b>				
	SPL - 1	Temporary Diversion of Waterway and Dewatering	1.00	lot		
	SPL - 2	Removal of Damaged / Dilapidated Existing Structures	48.00	m <sup>2</sup>		
	102	Excavation Works	56.00	m <sup>3</sup>		
	104-5	Boulder Fill	1.90	m <sup>3</sup>		
	508-B	Class II Rocks (500-800 kgs/pc)	38.00	m <sup>3</sup>		
	505	Grouted Riprap	26.25	m <sup>3</sup>		
	902	Reinforcing Steel Bars	1,462.53	kgs		
	405	Structural Concrete	37.07	m <sup>3</sup>		
	<b>II.</b>	<b>Reblocking of 328.72 sq.m x 250mm thk, Roadways</b>				
	SPL - 3	Concrete Cutting of Existing PCCP & Demolition of Obstruction	472.24	m <sup>2</sup>		
	105	Subgrade Preparation	472.24	m <sup>2</sup>		
	201	Aggregate Base Course	70.84	m <sup>3</sup>		
	311	PCCP (thk=0.250m)	472.24	m <sup>2</sup>		
	SPL - 4	Removal & Disposal of Excavated Mat'ls	70.84	m <sup>3</sup>		
	<b>III.</b>	<b>Other General Requirements</b>				
	SPL - 5	Bunkhouse (Rental Basis) and Other Facilities	1.00	lot		
	SPL - 6	Occupational Safety & Health Program	1.00	lot		
	SPL - 7	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					

<b>13</b>	<b>Rehabilitation/Improvement of San Vicente River Control, Brgy. San Vicente, Tabaco City- Rehabilitation/Improvement of 29 L.m. River Control</b>				
	I	Temporary Diversion of Waterways	1.00	l.s	
	II	Demolition of Existing Structure & Obstruction	54.00	sq.m	
	III	Structural Excavation	20.88	cu.m	
	IV	Embankment	315.00	cu.m	
	V	Grouted Riprap	26.10	sq.m	
	VI	Reinforcing Steel	1,426.69	kgs	
	VII	Structural Concrete	24.65	sq.m	
	VIII	Formworks	133.40	sq.m	
	IX	Removal & Disposal of Excavated/ Unsuitable Materials	31.68	cu.m	
	X	Bunkhouse (Rental Basis) and Other Facilities	1.00	l.s	
	XI	Project Billboard/Signboard	1.00	unit	
	XII	Occupational Construction Safety and Health	1.00	l.s	
	<i>Subtotal</i>				
<b>14</b>	<b>Rehabilitation/Improvement of Matagbac River Control, Brgy. Matagbac, Tabaco City- Rehabilitation/Improvement of 37 L.m River Control</b>				
	I	Temporary Diversion of Waterways	1.00	l.s	
	II	Demolition of Existing Structure	148.00	sq.m	
	III	Structure Excavation	61.05	cu.m	
	IV	Handlaid Rock Embankment	310.80	cu.m	
	V	Reinforcing Steel	2,416.82	kgs	
	VI	Structral Concrete	72.52	cu.m	
	VII	Formworks	236.80	sq.m	
	VIII	Grouted Riprap	69.93	cu.m	
	IX	Removal & Disposal of Excavated/ Unsuitable Materials	90.65	cu.m	
	X	Bunkhouse (Rental Basis) and Other Facilities	1.00	l.s	
	XI	Project Billboard/Signboard	1.00	unit	
	XII	Occupational Construction Safety and Health	3.00	months	
	<i>Subtotal</i>				
<b>15</b>	<b>Rechanneling/Desilting of Tagas River, Cobo-Baranghawon Section (Upstream of Basud Bridge), Tabaco City</b>				
	SPL-1	Clearing & Deepening of Waterways	14,184.3 8	cu.m	
	SPL-2	Removal & Disposal of Silted Materials	5,673.75	cu.m	
	SPL-3	Fab/Installation of Billboard	1.00	unit	
	SPL-4	Occupational Construction Safety and Health	1.00	l.s	
	<i>Subtotal</i>				
	<b>TOTAL</b>				

<b>Name of the Company/Bidder</b>	<b>Name of Authorized Representative</b>	<b>Signature of Authorized Representative</b>

Name of the Procuring Entity: *LGU-Tabaco City*

Contract ID No. *009-07-2022-INFRA*

Name of the Project: *Construction/Rehabilitation/ Improvement of Various Infrastructures (River Control, River Channel & Port)*

Project Location: *Various Barangays, Tabaco City*

Contract Name : \_\_\_\_\_

Location : \_\_\_\_\_

### CASH FLOW BY QUARTER AND PAYMENT SCHEDULE

PARTICULAR	% WT.	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
ACCOMPLISHMENT					
CASH FLOW					
CUMULATIVE ACCOMPLISHMENT					
CUMULATIVE CASH FLOW					

Submitted by:

Name of the Representative of the Bidder : \_\_\_\_\_

Name of the Bidder: \_\_\_\_\_

Position : \_\_\_\_\_

Date \_\_\_\_\_

## Contract Agreement Form for the Procurement of Infrastructure Projects (Revised)

*[not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the  
Notice of Award]*

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### CONTRACT AGREEMENT

THIS AGREEMENT, made this *[insert date]* day of *[insert month]*, *[insert year]* between *[name and address of PROCURING ENTITY]* (hereinafter called the “Entity”) and *[name and address of Contractor]* (hereinafter called the “Contractor”).

WHEREAS, the Entity is desirous that the Contractor execute *[name and identification number of contract]* (hereinafter called “the Works”) and the Entity has accepted the Bid for *[contract price in words and figures in specified currency]* by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, *viz.*:

- a. Philippine Bidding Documents (PBDs);
  - i. Drawings/Plans;
  - ii. Specifications;
  - iii. Bill of Quantities;
  - iv. General and Special Conditions of Contract;
  - v. Supplemental or Bid Bulletins, if any;
- b. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder’s bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder’s response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity’s bid evaluation;

- c. Performance Security;
  - d. Notice of Award of Contract and the Bidder’s conforme thereto; and
  - e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**
3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.

4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

*[Insert Name and Signature]*

*[Insert Name and Signature]*

*[Insert Signatory's Legal Capacity]*

*[Insert Signatory's Legal Capacity]*

*for:*

*for:*

*[Insert Procuring Entity]*

*[Insert Name of Supplier]*

**Acknowledgment**

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

## Performance Securing Declaration (Revised)

*[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]*

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_ ) S.S.

### 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/manufacture/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 OR ITS  
AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*

Affiant

**[Jurat]**

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

NAME OF THE CONTRACTOR  
ADDRESS OF THE CONTRACTOR

**ATTY. JOVITO BRON CODERIS, JR.**  
**BAC CHAIRMAN**  
**LGU-TABACO CITY**

**ORIGINAL - TECHNICAL COMPONENT**

**Construction/Rehabilitation/Improvement of Various  
Infrastructures (River Control, River Channel & Port)  
Various Barangays, Tabaco City  
Contract ID No. 009-07-2022-INFRA**

**DO NOT OPEN BEFORE AUGUST 15, 2022, 9:30AM**

NAME OF THE CONTRACTOR  
ADDRESS OF THE CONTRACTOR

**ATTY. JOVITO BRON CODERIS, JR.**  
**BAC CHAIRMAN**  
**LGU-TABACO CITY**

**ORIGINAL – FINANCIAL COMPONENT**

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**LGU-TABACO CITY**

**ORIGINAL BID**

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**COPY NO. 1 - TECHNICAL COMPONENT**

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**COPY NO. 1 – FINANCIAL COMPONENT**

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**COPY NO. 1**

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**LGU-TABACO CITY**

**COPY NO. 2 - TECHNICAL COMPONENT**

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**COPY NO. 2 – FINANCIAL COMPONENT**

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**LGU-TABACO CITY**

**COPY NO. 2**

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BAC CHAIRMAN  
LGU-TABACO CITY

# **BID PROPOSAL**

**Construction/Rehabilitation/Improvement of Various  
Infrastructures (River Control, River Channel & Port)  
Various Barangays, Tabaco City  
Contract ID No. 009-07-2022-INFRA**

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