

Republic of the Philippines
Province of Albay
CITY OF TABACO

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Procurement of Infrastructure Projects

**Supply of Labor, Materials and
Equipment for the
Rehab/Improvement of Various
Infrastructure Projects
Various Barangays, Tabaco City**

Contract ID No. 023-08-2018-INFRA

Fifth Edition
October 2016

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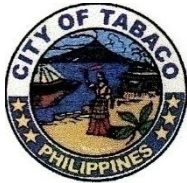
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Section I
INVITATION TO BID



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

Bids and Awards Committee

**Invitation to Bid for the
Rehabilitation / Improvement of Various Infrastructure Projects
Various Barangays, Tabaco City
Contract ID No. 023-08-2018-INFRA
ABC: Php 43,484,744.56**

1. The *City Government of Tabaco*, through the *following sources of funds* intends to apply the sum of *Forty-Three Million Four Hundred Eighty-Four Thousand Seven Hundred Forty-Four Pesos and Fifty-Six Centavos (Php 43,484,744.56)* being the Approved Budget for the Contract (ABC) to payments under the contract for the *Supply of Labor, Materials, and Equipment for the Rehabilitation / Improvement of Various Infrastructure Projects, Various Barangays, Tabaco City under Contract ID No. 023-08-2018-INFRA*. Bids received in excess of the ABC shall be automatically rejected at bid opening.

Sources of Funds:	Amount (Php)
20% City Development Fund 2016	1,500,000.00
20% City Development Fund 2017	5,000,000.00
20% City Development Fund 2018	11,000,000.00
20% City Development Fund 2017 & 2018	2,000,000.00
General Fund 2016	500,000.00
General Fund 2018	1,000,000.00
Supplemental Budget No. 02-2017	1,500,000.00
Trust Fund (LDRRMF)	20,000,000.00
Total	43,500,000.00

2. The *City Government of Tabaco* through its *Bids and Awards Committee (BAC)* now invites bids for the *Rehabilitation / Improvement of Various Infrastructure Projects, Various Barangays, Tabaco City (see description below)*. Completion of the Works is required within *180 calendar days from receipt of the Notice to Proceed*. Bidders should have a single largest completed contract (SLCC) similar to the Project with a value of at least 50% of the ABC within the last five (5) years. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instruction to Bidders.

Item No.	Project Name	Approved Budget (Php)
Cluster I – Rehab/Improvement of Roadways, Various Barangays, Tabaco City		23,486,456.87
1	Rehab/ Improv. of Agnas Roadways, Brgy. Agnas, San Miguel Island, Tabaco City	999,168.91
2	Rehab/Improv. of Visita Roadways, Brgy. Visita, San Miguel Island, Tabaco City	999,068.11
3	Rehab/Improv. of Sagurong Roadways, Brgy. Sagurong, San Miguel Island, Tabaco City	999,368.62
4	Rehab/Improv. of Hacienda Roadways, Brgy. Hacienda, San Miguel Island, Tabaco City	999,841.12
5	Rehab/Improv. of Hacienda Roadways-Sitio Dinagsaan, Brgy. Hacienda, San Miguel Island, Tabaco City	499,441.07
6	Rehab/Improv. of San Carlos Roadways, Brgy. San Carlos, Tabaco City	1,999,013.94
7	Rehab/Improv. of Divino RostroRoadways, Brgy. Divino Rostro, Tabaco City	999,513.52
8	Rehab/Improv. of Bognabong Roadways, Purok 5 Brgy. Bognabong, Tabaco City	999,965.86
9	Rehab/Improv. of Common Roadways, Brgy. Comon, Tabaco City	999,296.80
10	Rehab/Improv. of San Isidro Roadways, Brgy. San Isidro, Tabaco City	999,328.30
11	Rehab/Improv. of Matagbac Roadways, Brgy. Matagbac, Tabaco City	999,327.24
12	Rehab/Improv. of Pawa Roadways (Phase II), Brgy. Pawa, Tabaco City	999,202.35
13	Rehab/Improv. of Panal Roadways, Brgy. Panal, Tabaco City	998,887.30
14	Rehab/Improv. of Quinale-Cabasan Roadways (Phase II), Brgy.	999,700.00

	Quinale-Cabasan, Tabaco City	
15	Rehab/Improv. of Baranghawon Roadways, Brgy. Baranghawon, Tabaco City	999,051.43
16	Rehab/Improv. of Fatima Roadways, Brgy. Fatima, Tabaco City	999,513.52
17	Rehab/Improv. of Bonot-Buhian Roadways, Brgy. Bonot & Buhian (Box Culvert), Tabaco City	1,999,117.01
18	Rehab/Improv. of San Juan Roadways, Brgy. San Juan, Tabaco City	999,148.12
19	Rehab/Improv. of San Isidro Spillway, Brgy. San Isidro, Tabaco City	1,499,338.97
20	Rehab/Improv. of Comon Bridge Approach, Brgy. Comon, Tabaco City	1,499,628.06
21	Rehab/Improv. of Oson Roadways, Brgy. Oson, Tabaco City	999,536.20
Cluster II – Rehab/Improvement of Oras Box Culvert, Brgy. Oras, Tabaco City		19,998,287.69

3. Bidding will be conducted through open competitive bidding procedures using non-discretionary pass/fail criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act 9184 (RA 9184), otherwise known as the “Government Procurement Reform Act”.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least seventy five percent (75%) interest or outstanding capital stock belonging to citizens of the Philippines.

4. Interested bidders may obtain further information from the Bids and Awards Committee (BAC) and inspect the Bidding Documents at the BAC Office from 9:00 A.M. to 4:00 P.M.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **August 29 – September 05, 2018** from the address below and upon submission of LOI, printed copy of PhilGEPS DRL in active mode, photocopy of applicable PCAB License and upon payment of a nonrefundable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Twenty-Five Thousand Pesos (Php25,000.00)**.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

6. The **BAC** will hold a Pre-Bid Conference on **September 11, 2018, 9:30 A.M.** at **BAC Conference Room, Mezz. Floor, City Legal Office, 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 at the address below on or before **9:00 A.M., September 24, 2018**, at **BAC Office, 2F Annex Bldg., Tabaco City Hall, Tabaco City**. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 18.

Bid opening shall be on **September 24, 2018, 9:30 A.M.** at **BAC Conference Room, Mezz. Floor, City Legal Office, 2F Annex Bldg., Tabaco City Hall, Tabaco City**. Bids will be opened in the presence of the bidders’ representatives who choose to attend the bid opening. Late bids shall not be accepted.

8. **Other Necessary Information:**

Minimum PCAB License Category: General Engineering B

Project Size Range: Roads, Highway Pavement, Railways and Bridges – Medium A

Minimum Manpower Requirements:

1 Project Manager	1 Project Engineer
3 Construction Foreman	4 Heavy Equipment Operator
7 Mixer Operator	65 Skilled Laborer

Minimum Equipment Required:

1 Unit Bulldozer, D-85 or its equivalent	1 Unit Trailer Truck
1 Unit Jackhammer with Generator	2 Unit Backhoe, Crawler Type
2 Units Welding Machine with Generator	2 Units Water Truck with Tank
4 Units Stake Truck	4 Units Concrete Vibrator
7 Units One Bagger Concrete Mixer	1 Unit Plate Compactor
Enough Handtools	

Summary of Schedule of Activities:

- 1) Advertisement / Posting of Invitation to Bid: August 29-September 05, 2018
 - 2) Receipt of Letter of Intent: August 29-September 21, 2018, 9:00 AM-4:00 PM, BAC Secretariat, City Legal Office, Tabaco City
 - 3) Availability and Issuance of Bid Documents: August 29-September 21, 2018, 9:00 AM-4:00 PM, BAC Secretariat, City Legal Office, Tabaco City
 - 4) Pre-Bid Conference: September 11, 2018, 9:30 AM, BAC Office, 2F Annex Bldg., Tabaco City Hall, Tabaco City
 - 5) Submission of Bids: September 24, 2018, 9:00 A.M., BAC Office, City Legal Office, 2F Annex Bldg., Tabaco City Hall, Tabaco City
 - 6) Opening of Bids: September 24, 2018, 9:30 A.M., BAC Conference Room, Mezz. Floor, City Legal Office, 2F Annex Bldg., Tabaco City Hall, Tabaco City
9. 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 Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.
10. For further information, please refer to:

Atty. Jovito Bron Coderis, Jr.
City Legal Officer/BAC Chairman
City Legal Office
LGU-Tabaco City

BAC Secretariat
City Legal Office
LGU-Tabaco City
(052) 732-7527 (local 3333)

August 24, 2018, Tabaco City

ATTY. JOVITO BRON CODERIS, JR.
City Legal Officer/BAC Chairman

Section II

Instructions to Bidders

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A. General

1. Scope of Bid

- 1.1. The Procuring Entity named in the **BDS**, invites bids for the construction of Works, as described in Section VI. Specifications.
- 1.2. The name, identification, and number of lots specific to this bidding are provided in the **BDS**. The contracting strategy and basis of evaluation of lots is described in **ITB** Clause 27.
- 1.3. The successful Bidder will be expected to complete the Works by the intended completion date specified in **SCC** Clause 1.17.

2. Source of Funds

The Procuring Entity has a budget or received funds from the Funding Source named in the **BDS**, and in the amount indicated in the **BDS**. It intends to apply part of the funds received for the Project, as defined in the **BDS**, to cover eligible payments under the Contract for the Works.

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

- 3.1. Unless otherwise specified in the **BDS**, the Procuring Entity, as well as bidders and contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. In pursuance of this policy, the Funding Source:
 - (a) defines, for purposes of this provision, the terms set forth below as follows:
 - (i) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the Procuring Entity, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in Republic Act 3019;
 - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after Bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition;
 - (iii) "collusive practices" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Procuring Entity, designed to establish bid prices at artificial, non-competitive levels; and
 - (iv) "coercive practices" means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract;
 - (v) "obstructive practice" is
 - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an administrative proceedings or investigation of the Procuring Entity or any foreign government/foreign or international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or

- (bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.
 - (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract; and
 - (c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded Contract funded by the Funding Source if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing or, or in executing, a Contract funded by the Funding Source.
- 3.2. Further, the Procuring Entity will seek to impose the maximum civil, administrative, and/or criminal penalties available under the applicable laws on individuals and organizations deemed to be involved in any of the practices mentioned in **ITB** Clause 3.1(a).
- 3.3. Furthermore, the Funding Source and the Procuring Entity reserve the right to inspect and audit records and accounts of a contractor in the bidding for and performance of a contract themselves or through independent auditors as reflected in the **GCC** Clause 34.

4. Conflict of Interest

- 4.1. All Bidders found to have conflicting interests shall be disqualified to participate in the procurement at hand, without prejudice to the imposition of appropriate administrative, civil, and criminal sanctions. A Bidder may be considered to have conflicting interests with another Bidder in any of the events described in paragraphs (a) through (c) and a general conflict of interest in any of the circumstances set out in paragraphs (d) through (g) below:
- (a) A Bidder has controlling shareholders in common with another Bidder;
 - (b) A Bidder receives or has received any direct or indirect subsidy from any other Bidder;
 - (c) A Bidder has the same legal representative as that of another Bidder for purposes of this Bid;
 - (d) A Bidder has a relationship, directly or through third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder or influence the decisions of the Procuring Entity regarding this bidding process;
 - (e) A Bidder submits more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid;
 - (f) A Bidder who participated as a consultant in the preparation of the design or technical specifications of the goods and related services that are the subject of the bid; or
 - (g) A Bidder who lends, or temporarily seconds, its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.
- 4.2. In accordance with Section 47 of the IRR of RA 9184, all Bidding Documents shall be accompanied by a sworn affidavit of the Bidder that it is not related to the Head of the Procuring Entity (HoPE), members of the Bids and Awards Committee (BAC), members of the Technical Working Group (TWG), members of the BAC Secretariat, the head of the Project Management Office (PMO) or the end-user unit, and the project consultants, by consanguinity or affinity up to the third civil degree. On the part of the Bidder, this Clause shall apply to the following persons:
- (a) If the Bidder is an individual or a sole proprietorship, to the Bidder himself;
 - (b) If the Bidder is a partnership, to all its officers and members;

- (c) If the Bidder is a corporation, to all its officers, directors, and controlling stockholders;
- (d) If the Bidder is a cooperative, to all its officers, directors, and controlling shareholders or members; and
- (e) If the Bidder is a joint venture (JV), the provisions of items (a), (b), (c) or (d) of this Clause shall correspondingly apply to each of the members of the said JV, as may be appropriate.

Relationship of the nature described above or failure to comply with this Clause will result in the automatic disqualification of a Bidder.

5. Eligible Bidders

- 5.1. Unless otherwise indicated in the **BDS**, the following persons shall be eligible to participate in this Bidding:
 - (a) Duly licensed Filipino citizens/sole proprietorships;
 - (b) Partnerships duly organized under the laws of the Philippines and of which at least seventy five percent (75%) of the interest belongs to citizens of the Philippines;
 - (c) Corporations duly organized under the laws of the Philippines, and of which at least seventy five percent (75%) of the outstanding capital stock belongs to citizens of the Philippines;
 - (d) Cooperatives duly organized under the laws of the Philippines.
 - (e) Persons/entities forming themselves into a JV, i.e., a group of two (2) or more persons/entities that intend to be jointly and severally responsible or liable for a particular contract: Provided, however, that, in accordance with Letter of Instructions No. 630, Filipino ownership or interest of the joint venture concerned shall be at least seventy five percent (75%): Provided, further, that joint ventures in which Filipino ownership or interest is less than seventy five percent (75%) may be eligible where the structures to be built require the application of techniques and/or technologies which are not adequately possessed by a person/entity meeting the seventy five percent (75%) Filipino ownership requirement: Provided, finally, that in the latter case, Filipino ownership or interest shall not be less than twenty five percent (25%). For this purpose, Filipino ownership or interest shall be based on the contributions of each of the members of the joint venture as specified in their JVA.
- 5.2. The Procuring Entity may also invite foreign bidders when provided for under any Treaty or International or Executive Agreement as specified in the **BDS**.
- 5.3. Government owned or controlled corporations (GOCCs) may be eligible to participate only if they can establish that they (a) are legally and financially autonomous, (b) operate under commercial law, and (c) are not attached agencies of the Procuring Entity.
- 5.4. (a) 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 Philippine Statistics Authority (PSA) consumer price index. However, contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB.
 - (b) 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 **BDS**.

For this purpose, contracts similar to the Project shall be those described in the **BDS**.

- 5.5. The Bidder must submit a computation of its Net Financial Contracting Capacity (NFCC), which must be at least equal to the ABC to be bid, calculated as follows:

$$\text{NFCC} = [(\text{Current assets minus current liabilities}) (15)] \text{ minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract for this Project.}$$

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

For purposes of computing the foreign bidders' NFCC, the value of the current assets and current liabilities shall be based on their audited financial statements prepared in accordance with international financial reporting standards.

6. Bidder's Responsibilities

- 6.1. The Bidder or its duly authorized representative shall submit a sworn statement in the form prescribed in Section IX. Bidding Forms as required in **ITB** Clause 12.1(b)(iii).

- 6.2. The Bidder is responsible for the following:

- (a) Having taken steps to carefully examine all of the Bidding Documents;
- (b) Having acknowledged all conditions, local or otherwise, affecting the implementation of the contract;
- (c) Having made an estimate of the facilities available and needed for the contract to be bid, if any;
- (d) Having complied with its responsibility to inquire or secure Supplemental/Bid Bulletin/s as provided under **ITB** Clause 10.4.
- (e) Ensuring that it is not "blacklisted" or barred from bidding by the GoP or any of its agencies, offices, corporations, or LGUs, including foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the GPPB;
- (f) Ensuring that 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;
- (g) Authorizing the HoPE or its duly authorized representative/s to verify all the documents submitted;
- (h) Ensuring that the signatory 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, accompanied by the duly notarized Special Power of Attorney, Board/Partnership Resolution, or Secretary's Certificate, whichever is applicable;
- (i) Complying with the disclosure provision under Section 47 of RA 9184 and its IRR in relation to other provisions of RA 3019;
- (j) Complying with existing labor laws and standards, in the case of procurement of services. Moreover, bidder undertakes to:
 - (i) Ensure the entitlement of workers to wages, hours of work, safety and health and other prevailing conditions of work as established by national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable.

In case there is a finding by the Procuring Entity or the DOLE of underpayment or non-payment of workers' wage and wage-related benefits, bidder agrees that the performance security or portion of the contract

amount shall be withheld in favor of the complaining workers pursuant to appropriate provisions of Republic Act No. 9184 without prejudice to the institution of appropriate actions under the Labor Code, as amended, and other social legislations.

- (ii) Comply with occupational safety and health standards and to correct deficiencies, if any.

In case of imminent danger, injury or death of the worker, bidder undertakes to suspend contract implementation pending clearance to proceed from the DOLE Regional Office and to comply with Work Stoppage Order; and

- (iii) Inform the workers of their conditions of work, labor clauses under the contract specifying wages, hours of work and other benefits under prevailing national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable, through posting in two (2) conspicuous places in the establishment's premises; and

- (k) Ensuring that it 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;

Failure to observe any of the above responsibilities shall be at the risk of the Bidder concerned.

- 6.3. The Bidder, by the act of submitting its bid, shall be deemed to have inspected the site, determined the general characteristics of the contract works and the conditions for this Project and examine all instructions, forms, terms, and project requirements in the Bidding Documents.
- 6.4. It shall be the sole responsibility of the prospective bidder to determine and to satisfy itself by such means as it considers necessary or desirable as to all matters pertaining to this Project, including: (a) the location and the nature of the contract, project, or 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.
- 6.5. The Procuring Entity shall not assume any responsibility regarding erroneous interpretations or conclusions by the prospective or eligible bidder out of the data furnished by the procuring entity. However, the Procuring Entity shall ensure that all information in the Bidding Documents, including supplemental/bid bulletins issued are correct and consistent.
- 6.6. Before submitting their bids, the Bidders are deemed to have become familiar with all existing laws, decrees, ordinances, acts and regulations of the Philippines which may affect the contract in any way.
- 6.7. The Bidder shall bear all costs associated with the preparation and submission of his bid, and the Procuring Entity will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 6.8. The Bidder should note that the Procuring Entity will accept bids only from those that have paid the applicable fee for the Bidding Documents at the office indicated in the Invitation to Bid.

7. Origin of Goods and Services

There is no restriction on the origin of Goods, or Contracting of Works or Services other than those prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations.

8. Subcontracts

- 8.1. Unless otherwise specified in the **BDS**, the Bidder may subcontract portions of the Works to an extent as may be approved by the Procuring Entity and stated in the **BDS**. However, subcontracting of any portion shall not relieve the Bidder from any liability or obligation that may arise from the contract for this Project.
- 8.2. Subcontractors must submit the documentary requirements under **ITB** Clause 12 and comply with the eligibility criteria specified in the **BDS**. In the event that any subcontractor is found by the Procuring Entity to be ineligible, the subcontracting of such portion of the Works shall be disallowed.
- 8.3. The Bidder may identify the subcontractor to whom a portion of the Works will be subcontracted at any stage of the bidding process or during contract implementation. If the Bidder opts to disclose the name of the subcontractor during bid submission, the Bidder shall include the required documents as part of the technical component of its bid.

B. Contents of Bidding Documents

9. Pre-Bid Conference

- 9.1. (a) If so specified in the **BDS**, a pre-bid conference shall be held at the venue and on the date indicated therein, to clarify and address the Bidders' questions on the technical and financial components of this Project.

(b) The pre-bid conference shall be held at least twelve (12) calendar days before the deadline for the submission of and receipt of bids, but not earlier than seven (7) calendar days from the posting of the Invitation to Bid/Bidding Documents in the PhilGEPS website. If the Procuring Entity determines that, by reason of the method, nature, or complexity of the contract to be bid, or when international participation will be more advantageous to the GoP, a longer period for the preparation of bids is necessary, the pre-bid conference shall be held at least thirty (30) calendar days before the deadline for the submission and receipt of bids, as specified in the **BDS**.
- 9.2. Bidders are encouraged to attend the pre-bid conference to ensure that they fully understand the Procuring Entity's requirements. Non-attendance of the Bidder will in no way prejudice its bid; however, the Bidder is expected to know the changes and/or amendments to the Bidding Documents as recorded in the minutes of the pre-bid conference and the Supplemental/Bid Bulletin. The minutes of the pre-bid conference shall be recorded and prepared not later than five (5) calendar days after the pre-bid conference. The minutes shall be made available to prospective bidders not later than five (5) days upon written request.
- 9.3. Decisions of the BAC amending any provision of the bidding documents shall be issued in writing through a Supplemental/Bid Bulletin at least seven (7) calendar days before the deadline for the submission and receipt of bids.

10. Clarification and Amendment of Bidding Documents

- 10.1. Prospective bidders may request for clarification(s) on and/or interpretation of any part of the Bidding Documents. Such a request must be in writing and submitted to the Procuring Entity at the address indicated in the **BDS** at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.
- 10.2. The BAC shall respond to the said request by issuing a Supplemental/Bid Bulletin, to be made available to all those who have properly secured the Bidding Documents, at least seven (7) calendar days before the deadline for the submission and receipt of Bids.
- 10.3. Supplemental/Bid Bulletins may also be issued upon the Procuring Entity's initiative for purposes of clarifying or modifying any provision of the Bidding Documents not later than seven (7) calendar days before the deadline for the submission and receipt of Bids. Any modification to the Bidding Documents shall be identified as an amendment.
- 10.4. Any Supplemental/Bid Bulletin issued by the BAC shall also be posted in the PhilGEPS and the website of the Procuring Entity concerned, if available, and at any conspicuous place in the premises of the Procuring Entity concerned. It shall be the responsibility of all Bidders who have properly secured the Bidding Documents to inquire and secure Supplemental/Bid Bulletins that may be issued by the BAC. However, Bidders who have submitted bids before

the issuance of the Supplemental/Bid Bulletin must be informed and allowed to modify or withdraw their bids in accordance with **ITB** Clause 23.

C. Preparation of Bids

11. Language of Bids

The eligibility requirements or statements, the bids, and all other documents to be submitted to the BAC must be in English. If the eligibility requirements or statements, the bids, and all other documents submitted to the BAC are in foreign language other than English, it must be accompanied by a translation of the documents in English. The documents shall be translated by the relevant foreign government agency, the foreign government agency authorized to translate documents, or a registered translator in the foreign bidder’s country; and 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. The English translation shall govern, for purposes of interpretation of the bid.

12. Documents Comprising the Bid: Eligibility and Technical Components

12.1. Unless otherwise indicated in the **BDS**, the first envelope shall contain the following eligibility and technical documents:

(a) Eligibility Documents –

Class “A” Documents

- a. PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or Post, which shall submit their eligibility documents under Section 23.1 of the IRR, provided, that the winning bidder shall register with the PhilGEPS in accordance with Section 37.1.4 of the IRR;
- b. Statement 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

Statement of the Bidder’s SLCC similar to the contract to be bid, in accordance with ITB Clause 5.4.

The two statements required shall indicate for each contract the following:

- (ii.1) name of the contract;
- (ii.2) date of the contract;
- (ii.3) contract duration;
- (ii.4) owner’s name and address;
- (ii.5) nature of work;
- (ii.6) contractor’s role (whether sole contractor, subcontractor, or partner in a JV) and percentage of participation;
- (ii.7) total contract value at award;
- (ii.8) date of completion or estimated completion time;
- (ii.9) total contract value at completion, if applicable;
- (ii.10) percentages of planned and actual accomplishments, if applicable; and

- (ii.11) value of outstanding works, if applicable.

The statement of the Bidder's SLCC shall be supported by the Notice of Award and/or Notice to Proceed, Project Owner's Certificate of Final Acceptance issued by the Owner other than the Contractor or the Constructors Performance Evaluation System (CPES) Final Rating, which must be at least satisfactory. In case of contracts with the private sector, an equivalent document shall be submitted;

- c. Unless otherwise provided in the **BDS**, a valid special PCAB License in case of joint ventures, and registration for the type and cost of the contract for this Project; and
- d. NFCC computation in accordance with ITB Clause 5.5.

Class "B" Documents

- e. If applicable, Joint Venture Agreement (JVA) in accordance with RA 4566.

(b) Technical Documents –

- (i) Bid security in accordance with **ITB** Clause 18. If the Bidder opts to submit the bid security in the form of:
 - (i.1) a bank draft/guarantee or an irrevocable letter of credit issued by a foreign bank, it shall be accompanied by a confirmation from a Universal or Commercial Bank; or
 - (i.2) a surety bond accompanied by a certification coming from the Insurance Commission that the surety or insurance company is authorized to issue such instruments.
- (ii) Project Requirements, which shall include the following:
 - (ii.1) Organizational chart for the contract to be bid;
 - (ii.2) List of contractor's 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. These personnel must meet the required minimum years of experience set in the **BDS**; and
 - (ii.3) 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, which must meet the minimum requirements for the contract set in the **BDS**; and
- (iii) Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section IX. Bidding Forms.

13. Documents Comprising the Bid: Financial Component

13.1. The financial component of the bid shall contain the following:

- (a) Financial Bid Form, which includes bid prices and the bill of quantities, in accordance with **ITB** Clauses 15.1 and 15.3; and
- (b) Any other document related to the financial component of the bid as stated in the **BDS**.

13.2. (a) Unless otherwise stated in the **BDS**, all Bids that exceed the ABC shall not be accepted.

- (b) Unless otherwise indicated in the **BDS**, for foreign-funded procurement, a ceiling may be applied to bid prices provided the following conditions are met:
 - (i) Bidding Documents are obtainable free of charge on a freely accessible website. If payment of Bidding Documents is required by the procuring entity, payment could be made upon the submission of bids.
 - (ii) The procuring entity has procedures in place to ensure that the ABC is based on recent estimates made by the engineer or the responsible unit of the procuring entity and that the estimates are based on adequate detailed engineering (in the case of infrastructure projects) and reflect the quality, supervision and risk and inflationary factors, as well as prevailing market prices, associated with the types of works or goods to be procured.
 - (iii) The procuring entity has trained cost estimators on estimating prices and analyzing bid variances. In the case of infrastructure projects, the procuring entity must also have trained quantity surveyors.
 - (iv) The procuring entity has established a system to monitor and report bid prices relative to ABC and engineer's/procuring entity's estimate.
 - (v) The procuring entity has established a monitoring and evaluation system for contract implementation to provide a feedback on actual total costs of goods and works.

14. Alternative Bids

- 14.1. Alternative Bids shall be rejected. For this purpose, alternative bid is an offer made by a Bidder in addition or as a substitute to its original bid which may be included as part of its original bid or submitted separately therewith for purposes of bidding. A bid with options is considered an alternative bid regardless of whether said bid proposal is contained in a single envelope or submitted in two (2) or more separate bid envelopes.
- 14.2. 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.
- 14.3. Each Bidder shall submit only one Bid, either individually or as a partner in a JV. A Bidder who submits or participates in more than one bid (other than as a subcontractor if a subcontractor is permitted to participate in more than one bid) will cause all the proposals with the Bidder's participation to be disqualified. This shall be without prejudice to any applicable criminal, civil and administrative penalties that may be imposed upon the persons and entities concerned.

15. Bid Prices

- 15.1. The contract shall be for the whole Works, as described in **ITB** Clause 1.1, based on the priced Bill of Quantities submitted by the Bidder.
- 15.2. The Bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Bids not addressing or providing all of the required items in the Bidding Documents including, where applicable, Bill of Quantities, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Government, except those required by law or regulations to be provided for.
- 15.3. All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, prior to the deadline for submission of bids, shall be included in the rates, prices, and total bid price submitted by the Bidder.
- 15.4. All bid prices for the given scope of work in the contract as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as specified in GCC Clause 48. Upon the recommendation of the Procuring Entity, price escalation may be allowed in extraordinary circumstances as may be determined by the National Economic and Development Authority in

accordance with the Civil Code of the Philippines, and upon approval by the GPPB. Furthermore, in cases where the cost of the awarded contract is affected by any applicable new laws, ordinances, regulations, or other acts of the GoP, promulgated after the date of bid opening, a contract price adjustment shall be made or appropriate relief shall be applied on a no loss-no gain basis.

16. Bid Currencies

- 16.1. All bid prices shall be quoted in Philippine Pesos unless otherwise provided in the **BDS**. However, for purposes of bid evaluation, bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate prevailing on the day of the Bid Opening.
- 16.2. If so allowed in accordance with **ITB** Clause 16.1, the Procuring Entity for purposes of bid evaluation and comparing the bid prices will convert the amounts in various currencies in which the bid price is expressed to Philippine Pesos at the exchange rate as published in the *Bangko Sentral ng Pilipinas* (BSP) reference rate bulletin on the day of the bid opening.
- 16.3. Unless otherwise specified in the **BDS**, payment of the contract price shall be made in Philippine Pesos.

17. Bid Validity

- 17.1. Bids shall remain valid for the period specified in the **BDS** which shall not exceed one hundred twenty (120) calendar days from the date of the opening of bids.
- 17.2. In exceptional circumstances, prior to the expiration of the bid validity period, the Procuring Entity may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. The bid security described in **ITB** Clause 18 should also be extended corresponding to the extension of the bid validity period at the least. A Bidder may refuse the request without forfeiting its bid security, but his bid shall no longer be considered for further evaluation and award. A Bidder granting the request shall not be required or permitted to modify its bid.

18. Bid Security

- 18.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in an amount stated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security (Not less than the Percentage of the ABC)
(a) Cash or cashier’s/manager’s check issued by a Universal or Commercial Bank. <i>For biddings conducted by LGUs, the cashier’s/manager’s check may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i>	Two percent (2%)
(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank. <i>For biddings conducted by LGUs, the Bank Draft/ Guarantee, or irrevocable letter of credit may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i>	

(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security;	Five percent (5%)

The Bid Securing Declaration mentioned above is an undertaking which states, among others, that the Bidder shall enter into contract with the procuring entity and furnish the performance security required under ITB Clause 32.2, within ten (10) calendar days from receipt of the Notice of Award, and commits to pay the corresponding amount as fine, and be suspended for a period of time from being qualified to participate in any government procurement activity in the event it violates any of the conditions stated therein as provided in the guidelines issued by the GPPB.

- 18.2. The bid security should be valid for the period specified in the **BDS**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.
- 18.3. No bid securities shall be returned to Bidders after the opening of bids and before contract signing, except to those that failed or declared as post-disqualified, upon submission of a written waiver of their right to file a request for reconsideration and/or protest, or lapse of the reglementary period without having filed a request for reconsideration or protest. Without prejudice on its forfeiture, Bid Securities shall be returned only after the Bidder with the Lowest Calculated Responsive Bid (LCRB) has signed the contract and furnished the Performance Security, but in no case later than the expiration of the Bid Security validity period indicated in **ITB Clause 18.2**.
- 18.4. Upon signing and execution of the contract, pursuant to **ITB Clause 31**, and the posting of the performance security, pursuant to **ITB Clause 32**, the successful Bidder’s Bid Security will be discharged, but in no case later than the Bid Security validity period as indicated in **ITB Clause 18.2**.
- 18.5. The bid security may be forfeited:

(a) if a Bidder:

(i) withdraws its bid during the period of bid validity specified in **ITB Clause 17**;

(ii) does not accept the correction of errors pursuant to **ITB Clause 27.3(b)**;

(iii) has a finding against the veracity of the required documents submitted in accordance with ITB Clause 28.2;

(iv) submission of eligibility requirements containing false information or falsified documents;

(v) submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding;

(vi) allowing the use of one’s name, or using the name of another for purposes of public bidding;

(vii) withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the LCRB;

(viii) refusal or failure to post the required performance security within the prescribed time;

- (ix) refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification;
 - (x) any documented attempt by a Bidder to unduly influence the outcome of the bidding in his favor;
 - (xi) failure of the potential joint venture partners to enter into the joint venture after the bid is declared successful; or
 - (xii) all other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.
- (b) if the successful Bidder:
- (i) fails to sign the contract in accordance with **ITB** Clause 31;
 - (ii) fails to furnish performance security in accordance with **ITB** Clause 32.

19. Format and Signing of Bids

- 19.1 Bidders shall submit their bids through their duly authorized representative using the appropriate forms provided in Section IX. Bidding Forms on or before the deadline specified in the **ITB** Clause 21 in two (2) separate sealed bid envelopes, and which shall be submitted simultaneously. The first shall contain the technical component of the bid, including the eligibility requirements under **ITB** Clause 12.1, and the second shall contain the financial component of the bid. This shall also be observed for each lot in the case of lot procurement.
- 19.2 Forms as mentioned in **ITB** Clause 19.1 must be completed without any alterations to their format, and no substitute form shall be accepted. All blank spaces shall be filled in with the information requested.
- 19.3 The Bidder shall prepare and submit an original of the first and second envelopes as described in **ITB** Clauses 12 and 13. In addition, the Bidder shall submit copies of the first and second envelopes. In the event of any discrepancy between the original and the copies, the original shall prevail.
- 19.4 Each and every page of the Bid Form, including the Bill of Quantities, under Section IX hereof, shall be signed by the duly authorized representative/s of the Bidder. Failure to do so shall be a ground for the rejection of the bid.
- 19.5 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s of the Bidder.

20. Sealing and Marking of Bids

- 20.1 Bidders shall enclose their original eligibility and technical documents described in **ITB** Clause 12, in one sealed envelope marked “ORIGINAL - TECHNICAL COMPONENT,” and the original of their financial component in another sealed envelope marked “ORIGINAL - FINANCIAL COMPONENT,” sealing them all in an outer envelope marked “ORIGINAL BID.”
- 20.2 Each copy of the first and second envelopes shall be similarly sealed duly marking the inner envelopes as “COPY NO. ____ - TECHNICAL COMPONENT” and “COPY NO. ____ – FINANCIAL COMPONENT” and the outer envelope as “COPY NO. ____,” respectively. These envelopes containing the original and the copies shall then be enclosed in one single envelope.
- 20.3 The original and the number of copies of the bid as indicated in the **BDS** shall be typed or written in ink and shall be signed by the Bidder or its duly authorized representative/s.
- 20.4 All envelopes shall:

- (a) contain the name of the contract to be bid in capital letters;
 - (b) bear the name and address of the Bidder in capital letters;
 - (c) be addressed to the Procuring Entity's BAC in accordance with **ITB** Clause 20.1;
 - (d) bear the specific identification of this bidding process indicated in the **ITB** Clause 1.2; and
 - (e) bear a warning "DO NOT OPEN BEFORE..." the date and time for the opening of bids, in accordance with **ITB** Clause 21.
- 20.5. Bid envelopes that are not properly sealed and marked, as required in the bidding documents, shall not be rejected, but the Bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC or the Procuring Entity shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening.

D. Submission and Opening of Bids

21. Deadline for Submission of Bids

Bids must be received by the Procuring Entity's BAC at the address and on or before the date and time indicated in the **BDS**.

22. Late Bids

Any bid submitted after the deadline for submission and receipt of bids prescribed by the Procuring Entity, pursuant to **ITB** Clause 21, shall be declared "Late" and shall not be accepted by the Procuring Entity. The BAC shall record in the minutes of Bid Submission and Opening, the Bidder's name, its representative and the time the late bid was submitted.

23. Modification and Withdrawal of Bids

- 23.1. The Bidder may modify its bid after it has been submitted; provided that the modification is received by the Procuring Entity prior to the deadline prescribed for submission and receipt of bids. The Bidder shall not be allowed to retrieve its original bid, but shall be allowed to submit another bid equally sealed and properly identified in accordance with Clause 20, linked to its original bid marked as "TECHNICAL MODIFICATION" or "FINANCIAL MODIFICATION" and stamped "received" by the BAC. Bid modifications received after the applicable deadline shall not be considered and shall be returned to the Bidder unopened.
- 23.2. A Bidder may, through a Letter of Withdrawal, withdraw its bid after it has been submitted, for valid and justifiable reason; provided that the Letter of Withdrawal is received by the Procuring Entity prior to the deadline prescribed for submission and receipt of bids. The Letter of Withdrawal must be executed by the authorized representative of the Bidder identified in the Omnibus Sworn Statement, a copy of which should be attached to the letter.
- 23.3. Bids requested to be withdrawn in accordance with **ITB** Clause 23.1 shall be returned unopened to the Bidders. A Bidder, who has acquired the bidding documents may also express its intention not to participate in the bidding through a letter which should reach and be stamped by the BAC before the deadline for submission and receipt of bids. A Bidder that withdraws its bid shall not be permitted to submit another bid, directly or indirectly, for the same contract.
- 23.4. No bid may be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Financial Bid Form. Withdrawal of a bid during this interval shall result in the forfeiture of the Bidder's bid security, pursuant to **ITB** Clause 18.5, and the imposition of administrative, civil, and criminal sanctions as prescribed by RA 9184 and its IRR.

24. Opening and Preliminary Examination of Bids

- 24.1. The BAC shall open the Bids in public, immediately after the deadline for the submission and receipt of bids in public, as specified in the **BDS**. In case the Bids cannot be opened as scheduled due to justifiable reasons, the BAC shall take custody of the Bids submitted and reschedule the opening of Bids on the next working day or at the soonest possible time through the issuance of a Notice of Postponement to be posted in the PhilGEPS website and the website of the Procuring Entity concerned.
- 24.2. Unless otherwise specified in the BDS, the BAC shall open the first bid envelopes and determine each Bidder's compliance with the documents prescribed in ITB Clause 12, using a non-discretionary "pass/fail" criterion. If a Bidder submits the required document, it shall be rated "passed" for that particular requirement. In this regard, bids that fail to include any requirement or are incomplete or patently insufficient shall be considered as "failed". Otherwise, the BAC shall rate the said first bid envelope as "passed".
- 24.3. Unless otherwise specified in the **BDS**, immediately after determining compliance with the requirements in the first envelope, the BAC shall forthwith open the second bid envelope of each remaining eligible Bidder whose first bid envelope was rated "passed." The second envelope of each complying Bidder shall be opened within the same day. In case one or more of the requirements in the second envelope of a particular bid is missing, incomplete or patently insufficient, and/or if the submitted total bid price exceeds the ABC unless otherwise provided in **ITB** Clause 13.2, the BAC shall rate the bid concerned as "failed." Only bids that are determined to contain all the bid requirements for both components shall be rated "passed" and shall immediately be considered for evaluation and comparison.
- 24.4. Letters of Withdrawal shall be read out and recorded during bid opening, and the envelope containing the corresponding withdrawn bid shall be returned to the Bidder unopened.
- 24.5. All members of the BAC who are present during bid opening shall initial every page of the original copies of all bids received and opened.
- 24.6. In the case of an eligible foreign bidder as described in **ITB** Clause 5, the following Class "A" Documents may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign bidder concerned, which shall likewise be uploaded and maintained in the PhilGEPS in accordance with Section 8.5.2 of the IRR.:
 - a) Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives;
 - b) Mayor's/Business permit issued by the local government where the principal place of business of the Bidder is located; and
 - c) Audited Financial Statements showing, among others, the prospective Bidder's total and current assets and liabilities stamped "received" by the Bureau of Internal Revenue or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two years from the date of bid submission.
- 24.7. Each partner of a joint venture agreement shall likewise submit the document required in **ITB** Clause 12.1(a)(i). Submission of documents required under **ITB** Clauses 12.1(a)b to 12.1(a)(iv) by any of the joint venture partners constitutes compliance.
- 24.8. The Procuring Entity shall prepare the minutes of the proceedings of the bid opening that shall include, as a minimum: (a) names of Bidders, their bid price (per lot, if applicable, and/or including discount, if any), bid security, findings of preliminary examination, and whether there is a withdrawal or modification; and (b) attendance sheet. The BAC members shall sign the abstract of bids as read.
- 24.8. The Bidders or their duly authorized representatives may attend the opening of bids. The BAC shall ensure the integrity, security, and confidentiality of all submitted bids. The Abstract of Bids as read and the minutes of the Bid Opening shall be made available to the public upon written request and payment of a specified fee to recover cost of materials.
- 24.9. To ensure transparency and accurate representation of the bid submission, the BAC Secretariat shall notify in writing all Bidders whose bids it has received through its PhilGEPS-registered physical address or official e-mail address. The notice shall be issued within seven (7) calendar days from the date of the bid opening.

E. Evaluation and Comparison of Bids

25. Process to be Confidential

- 25.1. Members of the BAC, including its staff and personnel, as well as its Secretariat and TWG, are prohibited from making or accepting any kind of communication with any Bidder regarding the evaluation of their bids until the issuance of the Notice of Award, unless otherwise allowed in the case of **ITB** Clause 26.
- 25.2. Any effort by a Bidder to influence the Procuring Entity in the Procuring Entity's decision in respect of bid evaluation, bid comparison or contract award will result in the rejection of the Bidder's bid.

26. Clarification of Bids

To assist in the evaluation, comparison and post-qualification of the bids, the Procuring Entity may ask in writing any Bidder for a clarification of its bid. All responses to requests for clarification shall be in writing. Any clarification submitted by a Bidder in respect to its bid and that is not in response to a request by the Procuring Entity shall not be considered

27. Detailed Evaluation and Comparison of Bids

- 27.1. The Procuring Entity will undertake the detailed evaluation and comparison of Bids which have passed the opening and preliminary examination of Bids, pursuant to **ITB** Clause 24, in order to determine the Lowest Calculated Bid.
- 27.2. The Lowest Calculated Bid shall be determined in two steps:
 - (a) The detailed evaluation of the financial component of the bids, to establish the correct calculated prices of the bids; and
 - (b) The ranking of the total bid prices as so calculated from the lowest to highest. The bid with the lowest price shall be identified as the Lowest Calculated Bid.
- 27.3. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all bids rated "passed," using non-discretionary "pass/fail" criterion. The BAC shall consider the following in the evaluation of bids:
 - (a) Completeness of the bid. Unless the **BDS** allows partial bids, bids not addressing or providing all of the required items in the Schedule of Requirements including, where applicable, bill of quantities, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Procuring Entity, except those required by law or regulations to be provided for; and
 - (b) Arithmetical corrections. Consider computational errors and omissions to enable proper comparison of all eligible bids. It may also consider bid modifications. Any adjustment shall be calculated in monetary terms to determine the calculated prices.
- 27.4. Based on the detailed evaluation of bids, those that comply with the above-mentioned requirements shall be ranked in the ascending order of their total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, to identify the Lowest Calculated Bid. Total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, which exceed the ABC shall not be considered, unless otherwise indicated in the **BDS**.
- 27.5. The Procuring Entity's evaluation of bids shall be based on the bid price quoted in the Bid Form, which includes the Bill of Quantities.
- 27.6. Bids shall be evaluated on an equal footing to ensure fair competition. For this purpose, all Bidders shall be required to include in their bids the cost of all taxes, such as, but not limited to, value added tax (VAT), income tax, local taxes, and other fiscal levies and duties which

shall be itemized in the bid form and reflected in the detailed estimates. Such bids, including said taxes, shall be the basis for bid evaluation and comparison.

- 27.7. If so indicated pursuant to **ITB** Clause 1.2. Bids are being invited for individual lots or for any combination thereof, provided that all Bids and combinations of Bids 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 prices quoted shall correspond to all of the requirements specified for each lot. Bid Security as required by **ITB** Clause 18 shall be submitted for each contract (lot) separately. The basis for evaluation of lots is specified in **BDS** Clause 27.3.

28. Post Qualification

- 28.1. The BAC shall determine to its satisfaction whether the Bidder that is evaluated as having submitted the Lowest Calculated Bid complies with and is responsive to all the requirements and conditions specified in **ITB** Clauses 5, 12, and 13.
- 28.2. 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**.

Failure to submit any of the post-qualification requirements on time, or a finding against the veracity thereof, shall disqualify the Bidder for award. Provided in the event that a finding against the veracity of any of the documents submitted is made, it shall cause the forfeiture of the bid security in accordance with Section 69 of the IRR of RA 9184.

- 28.3. The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted pursuant to **ITB** Clauses 12 and 13, as well as other information as the Procuring Entity deems necessary and appropriate, using a non-discretionary "pass/fail" criterion, which shall be completed within a period of twelve (12) calendar days.
- 28.4. If the BAC determines that the Bidder with the Lowest Calculated Bid passes all the criteria for post-qualification, it shall declare the said bid as the LCRB, and recommend to the HoPE the award of contract to the said Bidder at its submitted price or its calculated bid price, whichever is lower, subject to **ITB** Clause 30.3.
- 28.5. A negative determination shall result in rejection of the Bidder's bid, in which event the Procuring Entity shall proceed to the next Lowest Calculated Bid, with a fresh period to make a similar determination of that Bidder's capabilities to perform satisfactorily. If the second Bidder, however, fails the post qualification, the procedure for post qualification shall be repeated for the Bidder with the next Lowest Calculated Bid, and so on until the LCRB is determined for recommendation of contract award.
- 28.6. Within a period not exceeding fifteen (15) calendar days from the determination by the BAC of the LCRB and the recommendation to award the contract, the HoPE or his duly authorized representative shall approve or disapprove the said recommendation.
- 28.7. In the event of disapproval, which shall be based on valid, reasonable, and justifiable grounds as provided for under Section 41 of the IRR of RA 9184, the HoPE shall notify the BAC and the Bidder in writing of such decision and the grounds for it. When applicable, the BAC shall conduct a post-qualification of the Bidder with the next Lowest Calculated Bid. A request for reconsideration may be filed by the Bidder with the HoPE in accordance with Section 37.1.3 of the IRR of RA 9184.

29. Reservation Clause

- 29.1. Notwithstanding the eligibility or post-qualification of a Bidder, the Procuring Entity concerned reserves the right to review its qualifications at any stage of the procurement process if it has reasonable grounds to believe that a misrepresentation has been made by the said Bidder, or that there has been a change in the Bidder's capability to undertake the project from the time it submitted its eligibility requirements. Should such review uncover any misrepresentation made in the eligibility and bidding requirements, statements or documents,

or any changes in the situation of the Bidder which will affect its capability to undertake the project so that it fails the preset eligibility or bid evaluation criteria, the Procuring Entity shall consider the said Bidder as ineligible and shall disqualify it from submitting a bid or from obtaining an award or contract.

- 29.2. Based on the following grounds, the Procuring Entity reserves the right to reject any and all Bids, declare a Failure of Bidding at any time prior to the contract award, or not to award the contract, without thereby incurring any liability, and make no assurance that a contract shall be entered into as a result of the bidding:
- (a) If there is *prima facie* evidence of collusion between appropriate public officers or employees of the Procuring Entity, or between the BAC and any of the Bidders, or if the collusion is between or among the Bidders themselves, or between a Bidder and a third party, including any act which restricts, suppresses or nullifies or tends to restrict, suppress or nullify competition;
 - (b) If the Procuring Entity's BAC is found to have failed in following the prescribed bidding procedures; or
 - (c) For any justifiable and reasonable ground where the award of the contract will not redound to the benefit of the GOP as follows:
 - (i) If the physical and economic conditions have significantly changed so as to render the project no longer economically, financially or technically feasible as determined by the HoPE;
 - (ii) If the project is no longer necessary as determined by the HoPE; and
 - (iii) If the source of funds for the project has been withheld or reduced through no fault of the Procuring Entity.
- 29.3. In addition, the Procuring Entity may likewise declare a failure of bidding when:
- (a) No bids are received;
 - (b) All prospective Bidders are declared ineligible;
 - (c) All bids fail to comply with all the bid requirements, fail post-qualification; or
 - (d) The Bidder with the LCRB refuses, without justifiable cause, to accept the award of contract, and no award is made in accordance with Section 40 of the IRR of RA 9184.

F. Award of Contract

30. Contract Award

- 30.1. Subject to **ITB** Clause 28, the HoPE or its duly authorized representative shall award the contract to the Bidder whose bid has been determined to be the LCRB.
- 30.2. Prior to the expiration of the period of bid validity, the Procuring Entity shall notify the successful Bidder in writing that its bid has been accepted, through a Notice of Award duly received by the Bidder or its representative personally or by registered mail or electronically, receipt of which must be confirmed in writing within two (2) days by the Bidder with the LCRB and submitted personally or sent by registered mail or electronically to the Procuring Entity.
- 30.3. Notwithstanding the issuance of the Notice of Award, award of contract shall be subject to the following conditions:
- (a) Submission of the following documents within ten (10) calendar days from receipt of the Notice of Award:

- (i) In the case of procurement by a Philippine Foreign Service Office or Post, the PhilGEPS Registration Number of the winning foreign Bidder; or
- (ii) Valid PCAB license and registration for the type and cost of the contract to be bid for foreign bidders when the Treaty or International or Executive Agreement expressly allows submission of the PCAB license and registration for the type and cost of the contract to be bid as a pre-condition to the Award;
- (b) Posting of the performance security in accordance with **ITB** Clause 32;
- (c) Signing of the contract as provided in **ITB** Clause 31; and
- (d) Approval by higher authority, if required, as provided in Section 37.3 of the IRR of RA 9184.

31. Signing of the Contract

- 31.1. At the same time as the Procuring Entity notifies the successful Bidder that its bid has been accepted, the Procuring Entity shall send the Contract Form to the Bidder, which Contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.
- 31.2. Within ten (10) calendar days from receipt of the Notice of Award, the successful Bidder shall post the required performance security, sign and date the contract and return it to the Procuring Entity.
- 31.3. The Procuring Entity shall enter into contract with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.
- 31.4. The following documents shall form part of the contract:
 - (a) Contract Agreement;
 - (b) Bidding Documents;
 - (c) Winning Bidder’s bid, including the Technical and Financial Proposals, and all other documents/statements 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;
 - (d) Performance Security;
 - (e) Notice of Award of Contract; and
 - (f) Other contract documents that may be required by existing laws and/or specified in the **BDS**.

32. Performance Security

- 32.1. To guarantee the faithful performance by the winning Bidder of its obligations under the contract, it shall post a performance security within a maximum period of ten (10) calendar days from the receipt of the Notice of Award from the Procuring Entity and in no case later than the signing of the contract.
- 32.2. The Performance Security shall be denominated in Philippine Pesos and posted in favor of the Procuring Entity in an amount not less than the percentage of the total contract price in accordance with the following schedule:

Form of Performance Security	Amount of Performance Security (Not less than the Percentage of the Total Contract Price)
(a) Cash or cashier’s/manager’s check issued by a Universal or Commercial	Ten percent (10%)

<p>Bank.</p> <p><i>For biddings conducted by the LGUs, the Cashier's/Manager's Check may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p>	
<p>(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.</p> <p><i>For biddings conducted by the LGUs, Bank Draft/Guarantee, or Irrevocable Letter of Credit may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p>	
<p>(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.</p>	<p>Thirty percent (30%)</p>

32.3. Failure of the successful Bidder to comply with the above-mentioned requirement shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security, in which event the Procuring Entity shall have a fresh period to initiate and complete the post qualification of the second Lowest Calculated Bid. The procedure shall be repeated until LCRB is identified and selected for recommendation of contract award. However if no Bidder passed post-qualification, the BAC shall declare the bidding a failure and conduct a re-bidding with re-advertisement, if necessary.

33. Notice to Proceed

Within seven (7) calendar days from the date of approval of the Contract by the appropriate government approving authority, the Procuring Entity shall issue the Notice to Proceed (NTP) together with a copy or copies of the approved contract to the successful Bidder. All notices called for by the terms of the contract shall be effective only at the time of receipt thereof by the successful Bidder.

34. Protest Mechanism

Decision of the procuring entity at any stage of the procurement process may be questioned in accordance with Sections 55 of the IRR of RA 9184.

Section III.
Bid Data Sheet

Bid Data Sheet

ITB Clause																					
1.1	The PROCURING ENTITY is the City Government of Tabaco.																				
1.2	<p>The name of the Contract is <i>Supply of Labor, Materials, and Equipment for the Rehabilitation / Improvement of Various Infrastructure Projects, Various Barangays, Tabaco City.</i></p> <p>The identification number of the Contract is <i>Contract ID No. 023-08-2018-INFRA.</i></p>																				
2	<p>The Funding Source is:</p> <p>The Government of the Philippines (GoP) through the <i>following sources of funds</i> in the amount of <i>Forty-Three Million Five Hundred Thousand Pesos (Php 43,500,000.00)</i></p> <table><tr><td>Sources of Funds:</td><td>Amount (Php)</td></tr><tr><td>20% City Development Fund 2016</td><td>1,500,000.00</td></tr><tr><td>20% City Development Fund 2017</td><td>5,000,000.00</td></tr><tr><td>20% City Development Fund 2018</td><td>11,000,000.00</td></tr><tr><td>20% City Development Fund 2017 & 2018</td><td>2,000,000.00</td></tr><tr><td>General Fund 2016</td><td>500,000.00</td></tr><tr><td>General Fund 2018</td><td>1,000,000.00</td></tr><tr><td>Supplemental Budget No. 02-2017</td><td>1,500,000.00</td></tr><tr><td>Trust Fund (LDRRMF)</td><td>20,000,000.00</td></tr><tr><td>Total</td><td>43,500,000.00</td></tr></table> <p>The name of the Project is <i>Rehabilitation / Improvement of Various Infrastructure Projects, Various Barangays, Tabaco City.</i></p>	Sources of Funds:	Amount (Php)	20% City Development Fund 2016	1,500,000.00	20% City Development Fund 2017	5,000,000.00	20% City Development Fund 2018	11,000,000.00	20% City Development Fund 2017 & 2018	2,000,000.00	General Fund 2016	500,000.00	General Fund 2018	1,000,000.00	Supplemental Budget No. 02-2017	1,500,000.00	Trust Fund (LDRRMF)	20,000,000.00	Total	43,500,000.00
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Trust Fund (LDRRMF)	20,000,000.00																				
Total	43,500,000.00																				
3.1	No further instructions.																				
5.1	No further instructions.																				
5.2	Bidding is restricted to eligible bidders as defined in ITB Clause 5.1.																				
5.4(b)	For this purpose, similar contracts shall refer to contracts which have the same major categories of work – <i>Roadways, Drainage and Box Culvert or Bridges.</i>																				
8.1	Subcontracting is not allowed.																				
8.2	Not applicable.																				
9.1	The Procuring Entity will hold a pre-bid conference for this Project on <i>September 11, 2018, 9:30 A.M.</i> at <i>BAC Conference Room, Mezz. Flr., City Legal Office, Annex Building, City Hall, Tabaco City.</i>																				
10.1	The Procuring Entity’s address is: LGU-Tabaco City, City Hall, Tabaco City																				
12.1	<p>The first envelope shall contain the TECHNICAL COMPONENTS, to wit:</p> <p><u>(a) ELIGIBILITY DOCUMENTS:</u></p> <p><i>Class “A” Documents:</i> (pursuant to GPPB Circular No. 07-2017, July 31, 2017)</p> <p><i>i.</i> Registration certificate from SEC for corporation, DTI for sole proprietorship, or CDA for cooperatives.</p> <p><i>ii.</i> Mayor’s / Business permit issued by the city or municipality where the principal place of business is located.</p> <p><i>iii.</i> Tax Clearance per E.O. 398, s. 2005, as finally reviewed and approved by the BIR.</p> <p><i>iv.</i> Audited Financial Statements, showing, among others, the bidder’s total and</p>																				

	<p>current assets and liabilities, stamped “received” by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission.</p> <p>v. A Valid Philippine Contractors Accreditation Board (PCAB) License or Special PCAB License in case of Joint Ventures, and registration for the type and cost of the contract to be bid.</p> <p>vi. Or in lieu of the above documents, bidder may submit their PhilGEPS Certificate of Registration and Membership under Platinum Category or a combination thereof.</p> <p>vii. Statement of all its ON-GOING 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, using Form 1-List of All Ongoing Contracts under Section IX. Bidding Forms. The statement shall indicate all the required information and which shall be supported by the following documents:</p> <p>a. Notice of Award, Contract and /or Notice to Proceed issued by the owner.</p> <p>viii. Statement of its SINGLE LARGEST COMPLETED CONTRACT (SLCC) similar to the contract to be bid, with a value of at least 50% of the ABC and within the last five (5) years from the submission of bids, using Form 2-Statement of SLCC under Section IX. Bidding Forms. The statement shall indicate all the required information and which shall be supported by the following documents:</p> <p>a. Notice of Award and/or Notice to Proceed;</p> <p>b. Project Owner’s Certificate of Final Acceptance or the Certificate of Completion issued by the owner other than the contractor, or the Constructor’s Performance Evaluation Summary (CPES) Final Rating, which must be satisfactory.</p> <p>c. In case of contracts with private sector, an equivalent document shall be submitted.</p> <p>ix. Bidder’s computation of Net Financial Contracting Capacity (NFCC) (Form 3) which must be at least equal to the ABC to be bid, calculated as follows:</p> <p>NFCC = [(Current Assets minus Current Liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid.</p> <p>Class “B” Documents</p> <p>i. If applicable, valid Joint Venture Agreement (JVA) in accordance with RA 4566 and its IRR, which includes a Special PCAB License & Registration for the type and cost of the contract to be bid valid until the duration of the project.</p> <p>NOTE: Each partner of JVA shall submit the legal eligibility documents.</p> <p><u>(b) TECHNICAL DOCUMENTS</u></p> <p>i. Bid Security using any of the following forms:</p> <table><tr><th>Form of Bid Security</th><th>Amount of Bid Security (Not less than the Percentage of the ABC)</th></tr><tr><td>a) Cash or cashier’s / manager’s check issued by a Universal or Commercial Bank.</td><td>2%</td></tr></table>	Form of Bid Security	Amount of Bid Security (Not less than the Percentage of the ABC)	a) Cash or cashier’s / manager’s check issued by a Universal or Commercial Bank.	2%
Form of Bid Security	Amount of Bid Security (Not less than the Percentage of the ABC)				
a) Cash or cashier’s / manager’s check issued by a Universal or Commercial Bank.	2%				

	b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal / Commercial Bank: provided however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	2%
	c) Surety Bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security	5%
	d) Bid Securing Declaration.	No percentage required (Form 4 found in Section IX. Bidding Forms)
	<p><i>ii.</i> Project Requirements:</p> <p>a. Organizational chart for the contract to be bid showing specific names of key personnel and positions pledged for the implementation of the project.</p> <p>b. List of contractor’s personnel to be assigned to the contract to be bid, with their complete qualification and experience data. These personnel must meet the required minimum years of experience set in ITB Clause 12.1(b)(ii.2). Use Form 5-Qualification of Key Personnel proposed to be assigned to the Contract, under Section IX. Bidding Forms, which shall be supported by the following documents:</p> <ol style="list-style-type: none">1. Their complete qualification and experience data sheets (with list of supervised completed projects including amount of contracts);2. PRC Licenses for engineers/architects; and3. Certificate of Training for the Safety Engineer/Officer issued by BWC/DOLE or its authorized training centers. <p>c. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, appropriately supported by proofs of ownership such as Official Receipts of purchase/acquisition, Deed of Sale, Lease Contract, and/or Certificate of Availability of Equipment from the equipment lessor/vendor for the whole duration of the project, as the case may be, which must meet the minimum requirements for the contract set in ITB Clause 12.1(b)(ii.3). For this purpose, use Form 6-List of Equipment, under Section IX. Bidding Forms.</p> <p>d. Construction Schedule and S-curve / Bar Chart / PERT CPM Network Diagram and detailed computations of contract time.</p> <p>e. Manpower Utilization Schedule, using Form 7 under Section IX. Bidding Forms.</p> <p>f. Narrative Description of Construction Procedures and Methods</p> <p>g. Equipment Utilization Schedule, using Form 8 under Section IX. Bidding Forms.</p> <p>h. Construction safety and health program</p> <p>i. Certificate of Site Inspection issued by the Office of the City Engineering or Affidavit of Site Inspection by the bidder.</p> <p><i>iii.</i> Omnibus Sworn Statement, using the Form 9 under Section IX. Bidding</p>	

	Forms.																								
12.1(a)(iii)	No further instructions.																								
12.1(b)(ii.2)	<p>The minimum work experience requirements for key personnel are the following:</p> <table><tr><td><u>Key Personnel</u></td><td><u>General Experience</u></td><td><u>Relevant Experience</u></td></tr><tr><td>Project Manager (1)</td><td>5 years</td><td>3 years</td></tr><tr><td>Project Engineer (1)</td><td>5 years</td><td>3 years</td></tr><tr><td>Construction Foreman (3)</td><td>5 years</td><td>3 years</td></tr><tr><td>Heavy Equipment Operator (4)</td><td>5 years</td><td>3 years</td></tr><tr><td>Mixer Operator (7)</td><td>5 years</td><td>3 years</td></tr><tr><td>Skilled Labor (65)</td><td>5 years</td><td>3 years</td></tr><tr><td></td><td>-</td><td>-</td></tr></table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	Project Manager (1)	5 years	3 years	Project Engineer (1)	5 years	3 years	Construction Foreman (3)	5 years	3 years	Heavy Equipment Operator (4)	5 years	3 years	Mixer Operator (7)	5 years	3 years	Skilled Labor (65)	5 years	3 years		-	-
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	-	-																							
12.1(b)(ii.3)	<p>The minimum major equipment requirements are the following:</p> <table><tr><td>Equipment</td><td>No of Units</td></tr><tr><td>Bulldozer, D-85 or its equivalent</td><td>1</td></tr><tr><td>Jackhammer with Generator</td><td>1</td></tr><tr><td>Welding Machine with Generator</td><td>2</td></tr><tr><td>Stake Truck</td><td>4</td></tr><tr><td>One Bagger Concrete Mixer</td><td>7</td></tr><tr><td>Trailer Truck</td><td>1</td></tr><tr><td>Backhoe, Crawler Type</td><td>2</td></tr><tr><td>Water Truck with Tank</td><td>2</td></tr><tr><td>Concrete Vibrator</td><td>4</td></tr><tr><td>Plate Compactor</td><td>1</td></tr><tr><td>Handtools</td><td>Enough</td></tr></table>	Equipment	No of Units	Bulldozer, D-85 or its equivalent	1	Jackhammer with Generator	1	Welding Machine with Generator	2	Stake Truck	4	One Bagger Concrete Mixer	7	Trailer Truck	1	Backhoe, Crawler Type	2	Water Truck with Tank	2	Concrete Vibrator	4	Plate Compactor	1	Handtools	Enough
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13.1(b)	<p><i>This shall include all of the following documents:</i></p> <p>a. Bid prices in the Bill of Quantities;</p> <p>b. Detailed estimates, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; and</p> <p>c. Cash flow by quarter or payment schedule, using Form 11.</p>																								
13.2	<p>The ABC is <i>Forty-Three Million Four Hundred Eighty-Four Thousand Seven Hundred Forty-Four Pesos and Fifty-Six Centavos (Php 43,484,744.56)</i>. Any bid with a financial component exceeding this amount and the ABC for each item shall not be accepted and a ground for disqualification.</p>																								
14.2	No further instructions.																								
16.1	The bid prices shall be quoted in Philippine Pesos.																								
16.3	No further instructions.																								
17.1	Bids will be valid until <i>120 calendar days from bid opening.</i>																								
18.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <p>1. The amount of <i>Php 869,694.89 (2% of ABC)</i>, if bid security is in cash, cashier’s/manager’s check, bank draft/guarantee or irrevocable letter of credit;</p> <p>2. The amount of <i>Php 2,174,237.23 (5% of ABC)</i>, if bid security is in Surety Bond.</p>																								
18.2	The bid security shall be valid until <i>120 calendar days from bid opening.</i>																								
20.3	Each Bidder shall submit <i>one (1)</i> original and <i>two (2)</i> copies of the first and second components of its bid. The original copy of the <i>legal documents</i> which cannot be submitted should be stamped and signed as “Certified True Copy of the Original” by the																								

	authorized representative of the Bidder.
21	<p>The address for submission of bids is <i>BAC Conference Room, Mezz. Floor, City Legal Office, 2FAnnex Bldg., City Hall, Tabaco City.</i></p> <p>The deadline for submission of bids is <i>on or before 9:00 A.M. of September 24, 2018.</i></p>
24.1	<p>The place of bid opening is <i>BAC Conference Room, Mezz. Floor, City Legal Office, 2FAnnex Bldg., City Hall, Tabaco City.</i></p> <p>The date and time of bid opening is <i>9:30 A.M. of September 24, 2018.</i></p>
24.2	No further instructions.
27.3	Partial bid is not allowed. The infrastructure project is packaged in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.
27.4	No further instructions.
28.2(a)	<i>None.</i>
31.4(f)	<p><i>Other contract documents required and will form part of the contract:</i></p> <p><i>a. Construction Safety and health program approved by the DOLE.</i></p>

Section IV
General Conditions of
Contract

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51. OPERATING AND MAINTENANCE MANUALS54

1. Definitions

For purposes of this Clause, boldface type is used to identify defined terms.

- 1.1. The **Arbiter** is the person appointed jointly by the Procuring Entity and the Contractor to resolve disputes in the first instance, as provided for in **GCC** Clause 21.
- 1.2. **Bill of Quantities** refers to a list of the specific items of the Work and their corresponding unit prices, lump sums, and/or provisional sums.
- 1.3. The **Completion Date** is the date of completion of the Works as certified by the Procuring Entity's Representative, in accordance with **GCC** Clause 49.
- 1.4. The **Contract** is the contract between the Procuring Entity and the Contractor to execute, complete, and maintain the Works.
- 1.5. The **Contract Price** is the price stated in the Letter of Acceptance and thereafter to be paid by the Procuring Entity to the Contractor for the execution of the Works in accordance with this Contract.
- 1.6. **Contract Time Extension** is the allowable period for the Contractor to complete the Works in addition to the original Completion Date stated in this Contract.
- 1.7. The **Contractor** is the juridical entity whose proposal has been accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded.
- 1.8. The **Contractor's Bid** is the signed offer or proposal submitted by the Contractor to the Procuring Entity in response to the Bidding Documents.
- 1.9. **Days** are calendar days; months are calendar months.
- 1.10. **Dayworks** are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.
- 1.11. A **Defect** is any part of the Works not completed in accordance with the Contract.
- 1.12. The **Defects Liability Certificate** is the certificate issued by Procuring Entity's Representative upon correction of defects by the Contractor.
- 1.13. The **Defects Liability Period** is the one year period between contract completion and final acceptance within which the Contractor assumes the responsibility to undertake the repair of any damage to the Works at his own expense.
- 1.14. **Drawings** are graphical presentations of the Works. They include all supplementary details, shop drawings, calculations, and other information provided or approved for the execution of this Contract.
- 1.15. **Equipment** refers to all facilities, supplies, appliances, materials or things required for the execution and completion of the Work provided by the Contractor and which shall not form or are not intended to form part of the Permanent Works.
- 1.16. The **Intended Completion Date** refers to the date specified in the **SCC** when the Contractor is expected to have completed the Works. The Intended Completion Date may be revised only by the Procuring Entity's Representative by issuing an extension of time or an acceleration order.
- 1.17. **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- 1.18. The **Notice to Proceed** is a written notice issued by the Procuring Entity or the Procuring Entity's Representative to the Contractor requiring the latter to begin the commencement of the work not later than a specified or determinable date.
- 1.19. **Permanent Works** all permanent structures and all other project features and facilities required to be constructed and completed in accordance with this Contract which shall be

delivered to the Procuring Entity and which shall remain at the Site after the removal of all Temporary Works.

- 1.20. **Plant** refers to the machinery, apparatus, and the like intended to form an integral part of the Permanent Works.
- 1.21. The **Procuring Entity** is the party who employs the Contractor to carry out the Works stated in the **SCC**.
- 1.22. The **Procuring Entity's Representative** refers to the Head of the Procuring Entity or his duly authorized representative, identified in the **SCC**, who shall be responsible for supervising the execution of the Works and administering this Contract.
- 1.23. The **Site** is the place provided by the Procuring Entity where the Works shall be executed and any other place or places which may be designated in the **SCC**, or notified to the Contractor by the Procuring Entity's Representative as forming part of the Site.
- 1.24. **Site Investigation Reports** are those that were included in the Bidding Documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.
- 1.25. **Slippage** is a delay in work execution occurring when actual accomplishment falls below the target as measured by the difference between the scheduled and actual accomplishment of the Work by the Contractor as established from the work schedule. This is actually described as a percentage of the whole Works.
- 1.26. **Specifications** means the description of Works to be done and the qualities of materials to be used, the equipment to be installed and the mode of construction.
- 1.27. The **Start Date**, as specified in the **SCC**, is the date when the Contractor is obliged to commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.
- 1.28. A **Subcontractor** is any person or organization to whom a part of the Works has been subcontracted by the Contractor, as allowed by the Procuring Entity, but not any assignee of such person.
- 1.29. **Temporary Works** are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Permanent Works.
- 1.30. **Work(s)** refer to the Permanent Works and Temporary Works to be executed by the Contractor in accordance with this Contract, including (i) the furnishing of all labor, materials, equipment and others incidental, necessary or convenient to the complete execution of the Works; (ii) the passing of any tests before acceptance by the Procuring Entity's Representative; (iii) and the carrying out of all duties and obligations of the Contractor imposed by this Contract as described in the **SCC**.

2. Interpretation

- 2.1. In interpreting the Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of this Contract unless specifically defined. The Procuring Entity's Representative will provide instructions clarifying queries about the Conditions of Contract.
- 2.2. If sectional completion is specified in the **SCC**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date 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. Governing Language and Law

- 3.1. This Contract has been executed in the English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract. All correspondence and other documents pertaining to this Contract which are exchanged by the parties shall be written in English.

- 3.2. This Contract shall be interpreted in accordance with the laws of the Republic of the Philippines.

4. Communications

Communications between parties that are referred to in the Conditions shall be effective only when in writing. A notice shall be effective only when it is received by the concerned party.

5. Possession of Site

- 5.1. On the date specified in the **SCC**, the Procuring Entity shall grant the Contractor possession of so much of the Site as may be required to enable it to proceed with 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.
- 5.2. If possession of a portion is not given by the date stated in the **SCC** Clause 5.1, 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 shall be in accordance with **GCC** Clause 47.
- 5.3. The Contractor shall bear all costs and charges for special or temporary right-of-way required by it in connection with access to the Site. The Contractor shall also provide at his own cost any additional facilities outside the Site required by it for purposes of the Works.
- 5.4. The Contractor shall allow the Procuring Entity's Representative and any person authorized by the Procuring Entity's Representative access to the Site and to any place where work in connection with this Contract is being carried out or is intended to be carried out.

6. The Contractor's Obligations

- 6.1. The Contractor shall carry out the Works properly and in accordance with this Contract. The Contractor shall provide all supervision, labor, Materials, Plant and Contractor's Equipment, which may be required. All Materials and Plant on Site shall be deemed to be the property of the Procuring Entity.
- 6.2. The Contractor shall commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Program of Work submitted by the Contractor, as updated with the approval of the Procuring Entity's Representative, and complete them by the Intended Completion Date.
- 6.3. The Contractor shall be responsible for the safety of all activities on the Site.
- 6.4. The Contractor shall carry out all instructions of the Procuring Entity's Representative that comply with the applicable laws where the Site is located.
- 6.5. The Contractor shall employ the key personnel named in the Schedule of Key Personnel, as referred to in the **SCC**, 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.
- 6.6. If the Procuring Entity's Representative asks the Contractor to remove a member of the Contractor's staff or work force, for justifiable cause, the Contractor shall ensure that the person leaves the Site within seven (7) days and has no further connection with the Work in this Contract.
- 6.7. During Contract implementation, the Contractor and his subcontractors shall abide at all times by all labor laws, including child labor related enactments, and other relevant rules.
- 6.8. The Contractor shall submit to the Procuring Entity for consent the name and particulars of the person authorized to receive instructions on behalf of the Contractor.
- 6.9. The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Procuring Entity between the dates given in the schedule of other contractors particularly when they shall require access to the Site. The Contractor shall also provide

facilities and services for them during this period. The Procuring Entity may modify the schedule of other contractors, and shall notify the Contractor of any such modification thereto.

- 6.10. Should anything of historical or other interest or of significant value be unexpectedly discovered on the Site, it shall be the property of the Procuring Entity. The Contractor shall notify the Procuring Entity's Representative of such discoveries and carry out the Procuring Entity's Representative's instructions in dealing with them.

7. Performance Security

- 7.1. 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 Contractor shall furnish the performance security in any the forms prescribed in **ITB** Clause 32.2.
- 7.2. The performance security posted in favor of the Procuring Entity shall be forfeited in the event it is established that the Contractor is in default in any of its obligations under the Contract.
- 7.3. The performance security shall remain valid until issuance by the Procuring Entity of the Certificate of Final Acceptance.
- 7.4. The performance security may be released by the Procuring Entity and returned to the Contractor after the issuance of the Certificate of Final Acceptance subject to the following conditions:
- (a) There are no pending claims against the Contractor or the surety company filed by the Procuring Entity;
 - (b) The Contractor has no pending claims for labor and materials filed against it; and
 - (c) Other terms specified in the **SCC**.
- 7.5. The Contractor shall post an additional performance security following the amount and form specified in **ITB** Clause 32.2 to cover any cumulative increase of more than ten percent (10%) over the original value of the contract as a result of amendments to order or change orders, extra work orders and supplemental agreements, as the case may be. The Contractor shall cause the extension of the validity of the performance security to cover approved contract time extensions.
- 7.6. In case of a reduction in the contract value or for partially completed Works under the contract which are usable and accepted by the Procuring Entity the use of which, in the judgment of the implementing agency or the Procuring Entity, will not affect the structural integrity of the entire project, the Procuring Entity shall allow a proportional reduction in the original performance security, provided that any such reduction is more than ten percent (10%) and that the aggregate of such reductions is not more than fifty percent (50%) of the original performance security.
- 7.7. Unless otherwise indicated in the **SCC**, the Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to Act 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.

8. Subcontracting

- 8.1. Unless otherwise indicated in the **SCC**, the Contractor cannot subcontract Works more than the percentage specified in **ITB** Clause 8.1.
- 8.2. Subcontracting of any portion of the Works does not relieve the Contractor of any liability or obligation under this Contract. The Contractor 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.
- 8.3. Subcontractors disclosed and identified during the bidding may be changed during the implementation of this Contract, subject to compliance with the required qualifications and the approval of the Procuring Entity.

9. Liquidated Damages

- 9.1. The Contractor shall pay liquidated damages to the Procuring Entity for each day that the Completion Date is later than the Intended Completion Date. The applicable liquidated damages is at least one-tenth (1/10) of a percent of the cost of the unperformed portion for every day of delay. The total amount of liquidated damages shall not exceed ten percent (10%) of the amount of the contract. The Procuring Entity may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of this Contract, the Procuring Entity shall rescind this Contract, without prejudice to other courses of action and remedies open to it.
- 9.2. If the Intended Completion Date is extended after liquidated damages have been paid, the Engineer of the Procuring Entity shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in GCC Clause 40.3.

10. 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.

11. The Procuring Entity, Licenses and Permits

The Procuring Entity shall, if requested by the Contractor, assist him in applying for permits, licenses or approvals, which are required for the Works.

12. Contractor's Risk and Warranty Security

- 12.1. The Contractor shall assume full responsibility for the Works from the time project construction commenced up to final acceptance by the Procuring Entity and shall be held responsible for any damage or destruction of the Works except those occasioned by *force majeure*. The Contractor shall be fully responsible for the safety, protection, security, and convenience of his personnel, third parties, and the public at large, as well as the Works, Equipment, installation, and the like to be affected by his construction work.
- 12.2. The defects liability period for infrastructure projects shall be one year from contract completion up to final acceptance by the Procuring Entity. During this period, the Contractor shall undertake the repair works, at his own expense, of any damage to the Works on account of the use of materials of inferior quality within ninety (90) days from the time the Head of the Procuring Entity has issued an order to undertake repair. In case of failure or refusal to comply with this mandate, the Procuring Entity shall undertake such repair works and shall be entitled to full reimbursement of expenses incurred therein upon demand.
- 12.3. Unless otherwise indicated in the **SCC**, in case the Contractor fails to comply with the preceding paragraph, 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.
- 12.4. After final acceptance of the Works by the Procuring Entity, the Contractor shall be held responsible for "Structural Defects", *i.e.*, major faults/flaws/deficiencies in one or more key structural elements of the project which may lead to structural failure of the completed elements or structure, or "Structural Failures", *i.e.*, where one or more key structural elements in an infrastructure facility fails or collapses, thereby rendering the facility or part thereof incapable of withstanding the design loads, and/or endangering the safety of the users or the general public:
- (a) Contractor – Where Structural Defects/Failures arise due to faults attributable to improper construction, use of inferior quality/substandard materials, and any violation of the contract plans and specifications, the contractor shall be held liable;
 - (b) Consultants – Where Structural Defects/Failures arise due to faulty and/or inadequate design and specifications as well as construction supervision, then the consultant who

prepared the design or undertook construction supervision for the project shall be held liable;

- (c) Procuring Entity’s Representatives/Project Manager/Construction Managers and Supervisors – The project owner’s representative(s), project manager, construction manager, and supervisor(s) shall be held liable in cases where the Structural Defects/Failures are due to his/their willful intervention in altering the designs and other specifications; negligence or omission in not approving or acting on proposed changes to noted defects or deficiencies in the design and/or specifications; and the use of substandard construction materials in the project;
- (d) Third Parties - Third Parties shall be held liable in cases where Structural Defects/Failures are caused by work undertaken by them such as leaking pipes, diggings or excavations, underground cables and electrical wires, underground tunnel, mining shaft and the like, in which case the applicable warranty to such structure should be levied to third parties for their construction or restoration works.
- (e) Users - In cases where Structural Defects/Failures are due to abuse/misuse by the end user of the constructed facility and/or non-compliance by a user with the technical design limits and/or intended purpose of the same, then the user concerned shall be held liable.

- 12.5. The warranty against Structural Defects/Failures, except those occasioned on force majeure, shall cover the period specified in the **SCC** reckoned from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity.
- 12.6. The Contractor shall be required to put up a warranty security in the form of cash, bank guarantee, letter of credit, GSIS or surety bond callable on demand, in accordance with the following schedule:

Form of Warranty	Minimum Amount in Percentage (%) of Total Contract Price
(a) Cash or letter of credit issued by Universal or Commercial bank: provided, however, that the letter of credit shall be confirmed or authenticated by a Universal or Commercial bank, if issued by a foreign bank	Five Percent (5%)
(b) Bank guarantee confirmed by Universal or Commercial bank: provided, however, that the letter of credit shall be confirmed or authenticated by a Universal or Commercial bank, if issued by a foreign bank	Ten Percent (10%)
(c) Surety bond callable upon demand issued by GSIS or any surety or insurance company duly certified by the Insurance Commission	Thirty Percent (30%)

- 12.7. The warranty security shall be stated in Philippine Pesos and shall remain effective for one year from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity, and returned only after the lapse of said one year period.
- 12.8. In case of structural defects/failure occurring during the applicable warranty period provided in **GCC** Clause 12.5, the Procuring Entity shall undertake the necessary restoration or reconstruction works and shall be entitled to full reimbursement by the parties found to be liable for expenses incurred therein upon demand, without prejudice to the filing of appropriate administrative, civil, and/or criminal charges against the responsible persons as well as the forfeiture of the warranty security posted in favor of the Procuring Entity.

13. 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.

14. Procuring Entity’s Risk

- 14.1. From the Start Date until the Certificate of Final Acceptance has been issued, the following are risks of the Procuring Entity:
- (a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to:
 - (i) any type of use or occupation of the Site authorized by the Procuring Entity after the official acceptance of the works; or
 - (ii) negligence, breach of statutory duty, or interference with any legal right by the Procuring Entity or by any person employed by or contracted to him except the Contractor.
 - (b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Procuring Entity or in the Procuring Entity's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.

15. Insurance

- 15.1. The Contractor shall, under his name and at his own expense, obtain and maintain, for the duration of this Contract, the following insurance coverage:
- (a) Contractor's All Risk Insurance;
 - (b) Transportation to the project Site of Equipment, Machinery, and Supplies owned by the Contractor;
 - (c) Personal injury or death of Contractor's employees; and
 - (d) Comprehensive insurance for third party liability to Contractor's direct or indirect act or omission causing damage to third persons.
- 15.2. The Contractor shall provide evidence to the Procuring Entity's Representative that the insurances required under this Contract have been effected and shall, within a reasonable time, provide copies of the insurance policies to the Procuring Entity's Representative. Such evidence and such policies shall be provided to the Procuring Entity's through the Procuring Entity's Representative.
- 15.3. The Contractor shall notify the insurers of changes in the nature, extent, or program for the execution of the Works and ensure the adequacy of the insurances at all times in accordance with the terms of this Contract and shall produce to the Procuring Entity's Representative the insurance policies in force including the receipts for payment of the current premiums.
- The above insurance policies shall be obtained from any reputable insurance company approved by the Procuring Entity's Representative.
- 15.4. If the Contractor fails to obtain and keep in force the insurances referred to herein or any other insurance which he may be required to obtain under the terms of this Contract, the Procuring Entity may obtain and keep in force any such insurances and pay such premiums as may be necessary for the purpose. From time to time, the Procuring Entity may deduct the amount it shall pay for said premiums including twenty five percent (25%) therein from any monies due, or which may become due, to the Contractor, without prejudice to the Procuring Entity exercising its right to impose other sanctions against the Contractor pursuant to the provisions of this Contract.
- 15.5. In the event the Contractor fails to observe the above safeguards, the Procuring Entity may, at the Contractor's expense, take whatever measure is deemed necessary for its protection and that of the Contractor's personnel and third parties, and/or order the interruption of dangerous Works. In addition, the Procuring Entity may refuse to make the payments under GCC Clause 40 until the Contractor complies with this Clause.
- 15.6. The Contractor shall immediately replace the insurance policy obtained as required in this Contract, without need of the Procuring Entity's demand, with a new policy issued by a new insurance company acceptable to the Procuring Entity for any of the following grounds:

- (a) The issuer of the insurance policy to be replaced has:
 - (i) become bankrupt;
 - (ii) been placed under receivership or under a management committee;
 - (iii) been sued for suspension of payment; or
 - (iv) been suspended by the Insurance Commission and its license to engage in business or its authority to issue insurance policies cancelled; or
 - (v) Where reasonable grounds exist that the insurer may not be able, fully and promptly, to fulfill its obligation under the insurance policy.

16. Termination for Default of Contractor

- 16.1. The Procuring Entity shall terminate this Contract for default when any of the following conditions attend its implementation:
- 16.2. Due to the Contractor's fault and while the project is on-going, it has incurred negative slippage of fifteen percent (15%) or more in accordance with Presidential Decree 1870, regardless of whether or not previous warnings and notices have been issued for the Contractor to improve his performance;
- 16.3. Due to its own fault and after this Contract time has expired, the Contractor incurs delay in the completion of the Work after this Contract has expired; or
- 16.4. The Contractor:
 - (a) abandons the contract Works, refuses or fails to comply with a valid instruction of the Procuring Entity or fails to proceed expeditiously and without delay despite a written notice by the Procuring Entity;
 - (b) does not actually have on the project Site the minimum essential equipment listed on the Bid necessary to prosecute the Works in accordance with the approved Program of Work and equipment deployment schedule as required for the project;
 - (c) does not execute the Works in accordance with this Contract or persistently or flagrantly neglects to carry out its obligations under this Contract;
 - (d) neglects or refuses to remove materials or to perform a new Work that has been rejected as defective or unsuitable; or
 - (e) sub-lets any part of this Contract without approval by the Procuring Entity.
- 16.5. All materials on the Site, Plant, Equipment, and Works shall be deemed to be the property of the Procuring Entity if this Contract is rescinded because of the Contractor's default.

17. Termination for Default of Procuring Entity

The Contractor may terminate this Contract with the Procuring Entity if the works are completely stopped for a continuous period of at least sixty (60) calendar days through no fault of its own, due to any of the following reasons:

- (a) Failure of the Procuring Entity to deliver, within a reasonable time, supplies, materials, right-of-way, or other items it is obligated to furnish under the terms of this Contract; or
- (b) The prosecution of the Work is disrupted by the adverse peace and order situation, as certified by the Armed Forces of the Philippines Provincial Commander and approved by the Secretary of National Defense.

18. Termination for Other Causes

- 18.1. The Procuring Entity may terminate this Contract, in whole or in part, at any time for its convenience. The Head of the Procuring Entity may terminate this Contract for the

convenience of the Procuring Entity if he has determined the existence of conditions that make Project Implementation economically, financially or technically impractical and/or unnecessary, such as, but not limited to, fortuitous event(s) or changes in law and National Government policies.

- 18.2. The Procuring Entity or the Contractor may terminate this Contract if the other party causes a fundamental breach of this Contract.
- 18.3. Fundamental breaches of Contract shall include, but shall not be limited to, the following:
- (a) The Contractor stops work for twenty eight (28) days when no stoppage of work is shown on the current Program of Work and the stoppage has not been authorized by the Procuring Entity's Representative;
 - (b) The Procuring Entity's Representative instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within twenty eight (28) days;
 - (c) The Procuring Entity shall terminate this Contract if the Contractor is declared bankrupt or insolvent as determined with finality by a court of competent jurisdiction. In this event, termination will be without compensation to the Contractor, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Entity and/or the Contractor. In the case of the Contractor's insolvency, any Contractor's Equipment which the Procuring Entity instructs in the notice is to be used until the completion of the Works;
 - (d) A payment certified by the Procuring Entity's Representative is not paid by the Procuring Entity to the Contractor within eighty four (84) days from the date of the Procuring Entity's Representative's certificate;
 - (e) The Procuring Entity's Representative gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Procuring Entity's Representative;
 - (f) The Contractor does not maintain a Security, which is required;
 - (g) The Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in the **GCC** Clause 9; and
 - (h) 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, the following:
 - (i) corrupt, fraudulent, collusive, coercive, and obstructive practices as defined in **ITB** Clause 3.1(a), unless otherwise specified in the SCC;
 - (ii) drawing up or using forged documents;
 - (iii) using adulterated materials, means or methods, or engaging in production contrary to rules of science or the trade; and
 - (iv) any other act analogous to the foregoing.
- 18.4. The Funding Source or the Procuring Entity, as appropriate, will seek to impose the maximum civil, administrative and/or criminal penalties available under the applicable law on individuals and organizations deemed to be involved with corrupt, fraudulent, or coercive practices.
- 18.5. When persons from either party to this Contract gives notice of a fundamental breach to the Procuring Entity's Representative in order to terminate the existing contract for a cause other than those listed under **GCC** Clause 18.3, the Procuring Entity's Representative shall decide whether the breach is fundamental or not.

- 18.6. If this Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

19. Procedures for Termination of Contracts

- 19.1. The following provisions shall govern the procedures for the termination of this Contract:

- (a) Upon receipt of a written report of acts or causes which may constitute ground(s) for termination as aforementioned, or upon its own initiative, the Procuring Entity shall, within a period of seven (7) calendar days, verify the existence of such ground(s) and cause the execution of a Verified Report, with all relevant evidence attached;
- (b) Upon recommendation by the Procuring Entity, the Head of the Procuring Entity shall terminate this Contract only by a written notice to the Contractor conveying the termination of this Contract. The notice shall state:
 - (i) that this Contract is being terminated for any of the ground(s) aforementioned, and a statement of the acts that constitute the ground(s) constituting the same;
 - (ii) the extent of termination, whether in whole or in part;
 - (iii) an instruction to the Contractor to show cause as to why this Contract should not be terminated; and
 - (iv) special instructions of the Procuring Entity, if any.

The Notice to Terminate shall be accompanied by a copy of the Verified Report;

- (c) Within a period of seven (7) calendar days from receipt of the Notice of Termination, the Contractor shall submit to the Head of the Procuring Entity a verified position paper stating why the contract should not be terminated. If the Contractor fails to show cause after the lapse of the seven (7) day period, either by inaction or by default, the Head of the Procuring Entity shall issue an order terminating the contract;
 - (d) The Procuring Entity may, at anytime before receipt of the Bidder's verified position paper described in item (c) above withdraw the Notice to Terminate if it is determined that certain items or works subject of the notice had been completed, delivered, or performed before the Contractor's receipt of the notice;
 - (e) Within a non-extendible period of ten (10) calendar days from receipt of the verified position paper, the Head of the Procuring Entity shall decide whether or not to terminate this Contract. It shall serve a written notice to the Contractor of its decision and, unless otherwise provided in the said notice, this Contract is deemed terminated from receipt of the Contractor of the notice of decision. The termination shall only be based on the ground(s) stated in the Notice to Terminate; and
 - (f) The Head of the Procuring Entity may create a Contract Termination Review Committee (CTRC) to assist him in the discharge of this function. All decisions recommended by the CTRC shall be subject to the approval of the Head of the Procuring Entity.
- 19.2. Pursuant to Section 69(f) of RA 9184 and without prejudice to the imposition of additional administrative sanctions as the internal rules of the agency may provide and/or further criminal prosecution as provided by applicable laws, the procuring entity shall impose on contractors after the termination of the contract the penalty of suspension for one (1) year for the first offense, suspension for two (2) years for the second offense from participating in the public bidding process, for violations committed during the contract implementation stage, which include but not limited to the following:
- (a) Failure of the contractor, due solely to his fault or negligence, to mobilize and start work or performance within the specified period in the Notice to Proceed ("NTP");
 - (b) Failure by the contractor to fully and faithfully comply with its contractual obligations without valid cause, or failure by the contractor to comply with any

written lawful instruction of the procuring entity or its representative(s) pursuant to the implementation of the contract. For the procurement of infrastructure projects or consultancy contracts, lawful instructions include but are not limited to the following:

- (i) Employment of competent technical personnel, competent engineers and/or work supervisors;
 - (ii) Provision of warning signs and barricades in accordance with approved plans and specifications and contract provisions;
 - (iii) Stockpiling in proper places of all materials and removal from the project site of waste and excess materials, including broken pavement and excavated debris in accordance with approved plans and specifications and contract provisions;
 - (iv) Deployment of committed equipment, facilities, support staff and manpower; and
 - (v) Renewal of the effectivity dates of the performance security after its expiration during the course of contract implementation.
- (c) Assignment and subcontracting of the contract or any part thereof or substitution of key personnel named in the proposal without prior written approval by the procuring entity.
- (d) Poor performance by the contractor or unsatisfactory quality and/or progress of work arising from his fault or negligence as reflected in the Constructor's Performance Evaluation System ("CPES") rating sheet. In the absence of the CPES rating sheet, the existing performance monitoring system of the procuring entity shall be applied. Any of the following acts by the Contractor shall be construed as poor performance:
- (i) Negative slippage of 15% and above within the critical path of the project due entirely to the fault or negligence of the contractor; and
 - (ii) Quality of materials and workmanship not complying with the approved specifications arising from the contractor's fault or negligence.
- (e) Willful or deliberate abandonment or non-performance of the project or contract by the contractor resulting to substantial breach thereof without lawful and/or just cause.

In addition to the penalty of suspension, the performance security posted by the contractor shall also be forfeited.

20. Force Majeure, Release From Performance

- 20.1. For purposes of this Contract the terms "*force majeure*" and "fortuitous event" may be used interchangeably. In this regard, a fortuitous event or *force majeure* shall be interpreted to mean an event which the Contractor could not have foreseen, or which though foreseen, was inevitable. It shall not include ordinary unfavorable weather conditions; and any other cause the effects of which could have been avoided with the exercise of reasonable diligence by the Contractor.
- 20.2. If this Contract is discontinued by an outbreak of war or by any other event entirely outside the control of either the Procuring Entity or the Contractor, the Procuring Entity's Representative shall certify that this Contract has been discontinued. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all works carried out before receiving it and for any Work carried out afterwards to which a commitment was made.
- 20.3. If the event continues for a period of eighty four (84) days, either party may then give notice of termination, which shall take effect twenty eight (28) days after the giving of the notice.
- 20.4. After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the materials and Plant reasonably delivered to the Site, adjusted by the following:

- (a) any sum to which the Contractor is entitled under **GCC** Clause 28;
 - (b) the cost of his suspension and demobilization;
 - (c) any sum to which the Procuring Entity is entitled.
- 20.5. The net balance due shall be paid or repaid within a reasonable time period from the time of the notice of termination.

21. Resolution of Disputes

- 21.1. If any dispute or difference of any kind whatsoever shall arise between the parties in connection with the implementation of the contract covered by the Act and this IRR, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 21.2. If the Contractor believes that a decision taken by the PROCURING ENTITY's Representative was either outside the authority given to the PROCURING ENTITY's Representative by this Contract or that the decision was wrongly taken, the decision shall be referred to the Arbiter indicated in the **SCC** within fourteen (14) days of the notification of the PROCURING ENTITY's Representative's decision.
- 21.3. Any and all disputes arising from the implementation of this Contract covered by the R.A. 9184 and its IRR shall be submitted to arbitration in the Philippines according to the provisions of Republic Act No. 876, otherwise known as the "Arbitration Law" and Republic Act 9285, otherwise known as the "Alternative Dispute Resolution Act of 2004": *Provided, however,* That, disputes that are within the competence of the Construction Industry Arbitration Commission to resolve shall be referred thereto. The process of arbitration shall be incorporated as a provision in this Contract that will be executed pursuant to the provisions of the Act and its IRR: *Provided, further,* That, by mutual agreement, the parties may agree in writing to resort to other alternative modes of dispute resolution.

22. Suspension of Loan, Credit, Grant, or Appropriation

In the event that the Funding Source suspends the Loan, Credit, Grant, or Appropriation to the Procuring Entity, from which part of the payments to the Contractor are being made:

- (a) The Procuring Entity is obligated to notify the Contractor of such suspension within seven (7) days of having received the suspension notice.
- (b) If the Contractor has not received sums due it for work already done within forty five (45) days from the time the Contractor's claim for payment has been certified by the Procuring Entity's Representative, the Contractor may immediately issue a suspension of work notice in accordance with **GCC** Clause 45.2.

23. Procuring Entity's Representative's Decisions

- 23.1. Except where otherwise specifically stated, the Procuring Entity's Representative will decide contractual matters between the Procuring Entity and the Contractor in the role representing the Procuring Entity.
- 23.2. The Procuring Entity's Representative may delegate any of his duties and responsibilities to other people, except to the Arbiter, after notifying the Contractor, and may cancel any delegation after notifying the Contractor.

24. Approval of Drawings and Temporary Works by the Procuring Entity's Representative

- 24.1. All Drawings prepared by the Contractor for the execution of the Temporary Works, are subject to prior approval by the Procuring Entity's Representative before its use.
- 24.2. The Contractor shall be responsible for design of Temporary Works.
- 24.3. The Procuring Entity's Representative's approval shall not alter the Contractor's responsibility for design of the Temporary Works.

- 24.4. The Contractor shall obtain approval of third parties to the design of the Temporary Works, when required by the Procuring Entity.

25. Acceleration and Delays Ordered by the Procuring Entity's Representative

- 25.1. When the Procuring Entity wants the Contractor to finish before the Intended Completion Date, the Procuring Entity's Representative will obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Procuring Entity accepts these proposals, the Intended Completion Date will be adjusted accordingly and confirmed by both the Procuring Entity and the Contractor.
- 25.2. If the Contractor's Financial Proposals for an acceleration are accepted by the Procuring Entity, they are incorporated in the Contract Price and treated as a Variation.

26. Extension of the Intended Completion Date

- 26.1. The Procuring Entity's Representative shall extend the Intended Completion Date if a Variation is issued which makes it impossible for the Intended Completion Date to be achieved by the Contractor without taking steps to accelerate the remaining work, which would cause the Contractor to incur additional costs. No payment shall be made for any event which may warrant the extension of the Intended Completion Date.
- 26.2. The Procuring Entity's Representative shall decide whether and by how much to extend the Intended Completion Date within twenty one (21) days of the Contractor asking the Procuring Entity's Representative for a decision thereto after fully submitting all supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.

27. Right to Vary

- 27.1. The Procuring Entity's Representative with the prior approval of the Procuring Entity may instruct Variations, up to a maximum cumulative amount of ten percent (10%) of the original contract cost.
- 27.2. Variations shall be valued as follows:
- (a) At a lump sum price agreed between the parties;
 - (b) where appropriate, at rates in this Contract;
 - (c) in the absence of appropriate rates, the rates in this Contract shall be used as the basis for valuation; or failing which
 - (d) at appropriate new rates, equal to or lower than current industry rates and to be agreed upon by both parties and approved by the Head of the Procuring Entity.

28. Contractor's Right to Claim

If the Contractor incurs cost as a result of any of the events under **GCC** Clause 13, the Contractor shall be entitled to the amount of such cost. If as a result of any of the said events, it is necessary to change the Works, this shall be dealt with as a Variation.

29. Dayworks

- 29.1. Subject to **GCC** Clause 43 on Variation Order, and if applicable as indicated in the **SCC**, the Dayworks rates in the Contractor's Bid shall be used for small additional amounts of work only when the Procuring Entity's Representative has given written instructions in advance for additional work to be paid for in that way.
- 29.2. All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Procuring Entity's Representative. Each completed form shall be verified and signed by the Procuring Entity's Representative within two days of the work being done.
- 29.3. The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

30. Early Warning

- 30.1. The Contractor shall warn the Procuring Entity's Representative at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price, or delay the execution of the Works. The Procuring Entity's Representative may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.
- 30.2. The Contractor shall cooperate with the Procuring Entity's Representative in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the Procuring Entity's Representative.

31. Program of Work

- 31.1. Within the time stated in the **SCC**, the Contractor shall submit to the Procuring Entity's Representative for approval a Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works.
- 31.2. An update of the Program of Work shall show the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities.
- 31.3. 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.
- 31.4. The Procuring Entity's Representative's approval of the Program of Work shall not alter the Contractor's obligations. The Contractor may revise the Program of Work and submit it to the Procuring Entity's Representative again at any time. A revised Program of Work shall show the effect of any approved Variations.
- 31.5. When the Program of Work is updated, the Contractor shall provide the Procuring Entity's Representative with an updated cash flow forecast. The cash flow forecast shall include different currencies, as defined in the Contract, converted as necessary using the Contract exchange rates.
- 31.6. All Variations shall be included in updated Program of Work produced by the Contractor.

32. Management Conferences

- 32.1. Either the Procuring Entity's Representative or the Contractor may require the other to attend a Management Conference. The Management Conference shall review the plans for remaining work and deal with matters raised in accordance with the early warning procedure.
- 32.2. The Procuring Entity's Representative shall record the business of Management Conferences and provide copies of the record to those attending the Conference and to the Procuring Entity. The responsibility of the parties for actions to be taken shall be decided by the PROCURING ENTITY's Representative either at the Management Conference or after the Management Conference and stated in writing to all who attended the Conference.

33. Bill of Quantities

- 33.1. The Bill of Quantities shall contain items of work for the construction, installation, testing, and commissioning of work to be done by the Contractor.
- 33.2. The Bill of Quantities is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the Bill of Quantities for each item.
- 33.3. If the final quantity of any work done differs from the quantity in the Bill of Quantities for the particular item and is not more than twenty five percent (25%) of the original quantity,

provided the aggregate changes for all items do not exceed ten percent (10%) of the Contract price, the Procuring Entity's Representative shall make the necessary adjustments to allow for the changes subject to applicable laws, rules, and regulations.

- 33.4. If requested by the Procuring Entity's Representative, the Contractor shall provide the Procuring Entity's Representative with a detailed cost breakdown of any rate in the Bill of Quantities.

34. Instructions, Inspections and Audits

- 34.1. The Procuring Entity's personnel shall at all reasonable times during construction of the Work be entitled to examine, inspect, measure and test the materials and workmanship, and to check the progress of the construction.
- 34.2. If the Procuring Entity's Representative instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no defect, the test shall be a Compensation Event.
- 34.3. The Contractor shall permit the Funding Source named in the **SCC** to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the Funding Source, if so required by the Funding Source.

35. Identifying Defects

The Procuring Entity's Representative shall check the Contractor's work and notify the Contractor of any defects that are found. Such checking shall not affect the Contractor's responsibilities. The Procuring Entity's Representative may instruct the Contractor to search uncover defects and test any work that the Procuring Entity's Representative considers below standards and defective.

36. Cost of Repairs

Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Liability Periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

37. Correction of Defects

- 37.1. The Procuring Entity's Representative shall give notice to the Contractor of any defects before the end of the Defects Liability Period, which is One (1) year from project completion up to final acceptance by the Procuring Entity's.
- 37.2. Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified in the Procuring Entity's Representative's notice.
- 37.3. The Contractor shall correct the defects which he notices himself before the end of the Defects Liability Period.
- 37.4. The Procuring Entity shall certify that all defects have been corrected. If the Procuring Entity considers that correction of a defect is not essential, he can request the Contractor to submit a quotation for the corresponding reduction in the Contract Price. If the Procuring Entity accepts the quotation, the corresponding change in the SCC is a Variation.

38. Uncorrected Defects

- 38.1. The Procuring Entity shall give the Contractor at least fourteen (14) days notice of his intention to use a third party to correct a Defect. If the Contractor does not correct the Defect himself within the period, the Procuring Entity may have the Defect corrected by the third party. The cost of the correction will be deducted from the Contract Price.
- 38.2. The use of a third party to correct defects that are uncorrected by the Contractor will in no way relieve the Contractor of its liabilities and warranties under the Contract.

39. Advance Payment

- 39.1. 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**.
- 39.2. The advance payment shall be made only upon the submission to and acceptance by the Procuring Entity of an irrevocable standby letter of credit of equivalent value from a commercial bank, a bank guarantee or a surety bond callable upon demand, issued by a surety or insurance company duly licensed by the Insurance Commission and confirmed by the Procuring Entity.
- 39.3. The advance payment shall be repaid by the Contractor by an amount equal to the percentage of the total contract price used for the advance payment.
- 39.4. The contractor may reduce his standby letter of credit or guarantee instrument by the amounts refunded by the Monthly Certificates in the advance payment.
- 39.5. The Procuring Entity will provide an Advance Payment on the Contract Price as stipulated in the Conditions of Contract, subject to the maximum amount stated in **SCC** Clause 39.1.

40. Progress Payments

- 40.1. The Contractor may submit a request for payment for Work accomplished. Such request 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.
- 40.2. The Procuring Entity shall deduct the following from the certified gross amounts to be paid to the contractor as progress payment:
 - (a) Cumulative value of the work previously certified and paid for.
 - (b) Portion of the advance payment to be recouped for the month.
 - (c) Retention money in accordance with the condition of contract.
 - (d) Amount to cover third party liabilities.
 - (e) Amount to cover uncorrected discovered defects in the works.
- 40.3. Payments shall be adjusted by deducting therefrom the amounts for advance payments and retention. The Procuring Entity shall pay the Contractor the amounts certified by the Procuring Entity's Representative within twenty eight (28) days from the date each certificate was issued. No payment of interest for delayed payments and adjustments shall be made by the Procuring Entity.
- 40.4. The first progress payment may be paid by the Procuring Entity to the Contractor provided that at least twenty percent (20%) of the work has been accomplished as certified by the Procuring Entity's Representative.
- 40.5. Items of the Works for which a price of "0" (zero) has been entered will not be paid for by the Procuring Entity and shall be deemed covered by other rates and prices in the Contract.

41. Payment Certificates

- 41.1. The Contractor shall submit to the Procuring Entity's Representative monthly statements of the estimated value of the work executed less the cumulative amount certified previously.
- 41.2. The Procuring Entity's Representative shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.
- 41.3. The value of Work executed shall:
 - (a) be determined by the Procuring Entity's Representative;

- (b) comprise the value of the quantities of the items in the Bill of Quantities completed; and
 - (c) include the valuations of approved variations.
- 41.4. The Procuring Entity's Representative may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

42. Retention

- 42.1. The Procuring Entity shall retain from each payment due to the Contractor an amount equal to a percentage thereof using the rate as specified in **ITB** Sub-Clause 42.2.
- 42.2. Progress payments are subject to retention of ten percent (10%), referred to as the "retention money." Such retention shall be based on the total amount due to the Contractor prior to any deduction and shall be retained from every progress payment until fifty percent (50%) of the value of Works, as determined by the Procuring Entity, are completed. If, after fifty percent (50%) completion, the Work is satisfactorily done and on schedule, no additional retention shall be made; otherwise, the ten percent (10%) retention shall again be imposed using the rate specified therefor.
- 42.3. The total "retention money" shall be due for release upon final acceptance of the Works. The Contractor may, however, request the substitution of the retention money for each progress billing with irrevocable standby letters of credit from a commercial bank, bank guarantees or surety bonds callable on demand, of amounts equivalent to the retention money substituted for and acceptable to the Procuring Entity, provided that the project is on schedule and is satisfactorily undertaken. Otherwise, the ten (10%) percent retention shall be made. Said irrevocable standby letters of credit, bank guarantees and/or surety bonds, to be posted in favor of the Government shall be valid for a duration to be determined by the concerned implementing office/agency or Procuring Entity and will answer for the purpose for which the ten (10%) percent retention is intended, *i.e.*, to cover uncorrected discovered defects and third party liabilities.
- 42.4. On completion of the whole Works, the Contractor may substitute retention money with an "on demand" Bank guarantee in a form acceptable to the Procuring Entity.

43. Variation Orders

- 43.1. Variation Orders may be issued by the Procuring Entity to cover any increase/decrease in quantities, including the introduction of new work items that are not included in the original contract or reclassification of work items that are either due to change of plans, design or alignment to suit actual field conditions resulting in disparity between the preconstruction plans used for purposes of bidding and the "as staked plans" or construction drawings prepared after a joint survey by the Contractor and the Procuring Entity after award of the contract, provided that the cumulative amount of the Variation Order does not exceed ten percent (10%) of the original project cost. The addition/deletion of Works should be within the general scope of the project as bid and awarded. The scope of works shall not be reduced so as to accommodate a positive Variation Order. A Variation Order may either be in the form of a Change Order or Extra Work Order.
- 43.2. A Change Order may be issued by the Procuring Entity to cover any increase/decrease in quantities of original Work items in the contract.
- 43.3. An Extra Work Order may be issued by the Procuring Entity to cover the introduction of new work necessary for the completion, improvement or protection of the project which were not included as items of Work in the original contract, such as, where there are subsurface or latent physical conditions at the site differing materially from those indicated in the contract, or where there are duly unknown physical conditions at the site of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in the Work or character provided for in the contract.
- 43.4. Any cumulative Variation Order beyond ten percent (10%) shall be subject of another contract to be bid out if the works are separable from the original contract. In exceptional cases where it is urgently necessary to complete the original scope of work, the Head of the Procuring Entity may authorize a positive Variation Order go beyond ten percent (10%) but not more

than twenty percent (20%) of the original contract price, subject to the guidelines to be determined by the GPPB: *Provided, however,* That appropriate sanctions shall be imposed on the designer, consultant or official responsible for the original detailed engineering design which failed to consider the Variation Order beyond ten percent (10%).

- 43.5. In claiming for any Variation Order, the Contractor shall, within seven (7) calendar days after such work has been commenced or after the circumstances leading to such condition(s) leading to the extra cost, and within twenty-eight (28) calendar days deliver a written communication giving full and detailed particulars of any extra cost in order that it may be investigated at that time. Failure to provide either of such notices in the time stipulated shall constitute a waiver by the contractor for any claim. The preparation and submission of Variation Orders are as follows:
- (a) If the Procuring Entity's representative/Project Engineer believes that a Change Order or Extra Work Order should be issued, he shall prepare the proposed Order accompanied with the notices submitted by the Contractor, the plans therefore, his computations as to the quantities of the additional works involved per item indicating the specific stations where such works are needed, the date of his inspections and investigations thereon, and the log book thereof, and a detailed estimate of the unit cost of such items of work, together with his justifications for the need of such Change Order or Extra Work Order, and shall submit the same to the Head of the Procuring Entity for approval.
 - (b) The Head of the Procuring Entity or his duly authorized representative, upon receipt of the proposed Change Order or Extra Work Order shall immediately instruct the technical staff of the Procuring Entity's to conduct an on-the-spot investigation to verify the need for the Work to be prosecuted. A report of such verification shall be submitted directly to the Head of the Procuring Entity or his duly authorized representative.
 - (c) The, Head of the Procuring Entity or his duly authorized representative, after being satisfied that such Change Order or Extra Work Order is justified and necessary, shall review the estimated quantities and prices and forward the proposal with the supporting documentation to the Head of Procuring Entity for consideration.
 - (d) If, after review of the plans, quantities and estimated unit cost of the items of work involved, the proper office of the procuring entity empowered to review and evaluate Change Orders or Extra Work Orders recommends approval thereof, Head of the Procuring Entity or his duly authorized representative, believing the Change Order or Extra Work Order to be in order, shall approve the same.
 - (e) The timeframe for the processing of Variation Orders from the preparation up to the approval by the Head of the Procuring Entity concerned shall not exceed thirty (30) calendar days.

44. Contract Completion

Once the project reaches an accomplishment of ninety five (95%) of the total contract amount, the Procuring Entity may create an inspectorate team to make preliminary inspection and submit a punch-list to the Contractor in preparation for the final turnover of the project. Said punch-list will contain, among others, the remaining Works, Work deficiencies for necessary corrections, and the specific duration/time to fully complete the project considering the approved remaining contract time. This, however, shall not preclude the claim of the Procuring Entity for liquidated damages.

45. Suspension of Work

- 45.1. The Procuring Entity shall have the authority to suspend the work wholly or partly by written order for such period as may be deemed necessary, due to *force majeure* or any fortuitous events or for failure on the part of the Contractor to correct bad conditions which are unsafe for workers or for the general public, to carry out valid orders given by the Procuring Entity or to perform any provisions of the contract, or due to adjustment of plans to suit field conditions as found necessary during construction. The Contractor shall immediately comply with such order to suspend the work wholly or partly.

- 45.2. The Contractor or its duly authorized representative shall have the right to suspend work operation on any or all projects/activities along the critical path of activities after fifteen (15) calendar days from date of receipt of written notice from the Contractor to the district engineer/regional director/consultant or equivalent official, as the case may be, due to the following:
- (a) There exist right-of-way problems which prohibit the Contractor from performing work in accordance with the approved construction schedule.
 - (b) Requisite construction plans which must be owner-furnished are not issued to the contractor precluding any work called for by such plans.
 - (c) Peace and order conditions make it extremely dangerous, if not possible, to work. However, this condition must be certified in writing by the Philippine National Police (PNP) station which has responsibility over the affected area and confirmed by the Department of Interior and Local Government (DILG) Regional Director.
 - (d) There is failure on the part of the Procuring Entity to deliver government-furnished materials and equipment as stipulated in the contract.
 - (e) Delay in the payment of Contractor's claim for progress billing beyond forty-five (45) calendar days from the time the Contractor's claim has been certified to by the procuring entity's authorized representative that the documents are complete unless there are justifiable reasons thereof which shall be communicated in writing to the Contractor.
- 45.3. In case of total suspension, or suspension of activities along the critical path, which is not due to any fault of the Contractor, the elapsed time between the effective order of suspending operation and the order to resume work shall be allowed the Contractor by adjusting the contract time accordingly.

46. Payment on Termination

- 46.1. If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Procuring Entity's Representative shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as indicated in the SCC. Additional Liquidated Damages shall not apply. If the total amount due to the Procuring Entity exceeds any payment due to the Contractor, the difference shall be a debt payable to the Procuring Entity.
- 46.2. If the Contract is terminated for the Procuring Entity's convenience or because of a fundamental breach of Contract by the Procuring Entity, the Procuring Entity's Representative shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.
- 46.3. The net balance due shall be paid or repaid within twenty eight (28) days from the notice of termination.
- 46.4. If the Contractor has terminated the Contract under **GCC** Clauses 17 or 18, the Procuring Entity shall promptly return the Performance Security to the Contractor.

47. Extension of Contract Time

- 47.1. Should the amount of additional work of any kind or other special circumstances of any kind whatsoever occur such as to fairly entitle the contractor to an extension of contract time, the Procuring Entity shall determine the amount of such extension; provided that the Procuring Entity is not bound to take into account any claim for an extension of time unless the Contractor has, prior to the expiration of the contract time and within thirty (30) calendar days after such work has been commenced or after the circumstances leading to such claim have arisen, delivered to the Procuring Entity notices in order that it could have investigated them at that time. Failure to provide such notice shall constitute a waiver by the Contractor of any claim. Upon receipt of full and detailed particulars, the Procuring Entity shall examine the

facts and extent of the delay and shall extend the contract time completing the contract work when, in the Procuring Entity's opinion, the findings of facts justify an extension.

- 47.2. No extension of contract time shall be granted the Contractor due to (a) ordinary unfavorable weather conditions and (b) inexcusable failure or negligence of Contractor to provide the required equipment, supplies or materials.
- 47.3. Extension of contract time may be granted only when the affected activities fall within the critical path of the PERT/CPM network.
- 47.4. No extension of contract time shall be granted when the reason given to support the request for extension was already considered in the determination of the original contract time during the conduct of detailed engineering and in the preparation of the contract documents as agreed upon by the parties before contract perfection.
- 47.5. Extension of contract time shall be granted for rainy/unworkable days considered unfavorable for the prosecution of the works at the site, based on the actual conditions obtained at the site, in excess of the number of rainy/unworkable days pre-determined by the Procuring Entity in relation to the original contract time during the conduct of detailed engineering and in the preparation of the contract documents as agreed upon by the parties before contract perfection, and/or for equivalent period of delay due to major calamities such as exceptionally destructive typhoons, floods and earthquakes, and epidemics, and for causes such as non-delivery on time of materials, working drawings, or written information to be furnished by the Procuring Entity, non-acquisition of permit to enter private properties within the right-of-way resulting in complete paralyzation of construction activities, and other meritorious causes as determined by the Procuring Entity's Representative and approved by the Head of the Procuring Entity. Shortage of construction materials, general labor strikes, and peace and order problems that disrupt construction operations through no fault of the Contractor may be considered as additional grounds for extension of contract time provided they are publicly felt and certified by appropriate government agencies such as DTI, DOLE, DILG, and DND, among others. The written consent of bondsmen must be attached to any request of the Contractor for extension of contract time and submitted to the Procuring Entity for consideration and the validity of the Performance Security shall be correspondingly extended.

48. Price Adjustment

Except for extraordinary circumstances as determined by NEDA and approved by the GPPB, no price adjustment shall be allowed. Nevertheless, in cases where the cost of the awarded contract is affected by any applicable new laws, ordinances, regulations, or other acts of the GOP, promulgated after the date of bid opening, a contract price adjustment shall be made or appropriate relief shall be applied on a no loss-no gain basis.

49. Completion

The Contractor shall request the Procuring Entity's Representative to issue a certificate of Completion of the Works, and the Procuring Entity's Representative will do so upon deciding that the work is completed.

50. Taking Over

The Procuring Entity shall take over the Site and the Works within seven (7) days from the date the Procuring Entity's Representative issues a certificate of Completion.

51. Operating and Maintenance Manuals

- 51.1. If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the SCC.
- 51.2. If the Contractor does not supply the Drawings and/or manuals by the dates stated in the SCC, or they do not receive the Procuring Entity's Representative's approval, the Procuring Entity's Representative shall withhold the amount stated in the SCC from payments due to the Contractor.

Section V

**Special Conditions of
the Contract**

Special Conditions of Contract

GCC Clause	
1.16	The Intended Completion Date is ____ <i>calendar days from contract effectivity date.</i>
1.21	The Procuring Entity is <i>City Government of Tabaco.</i>
1.22	The Procuring Entity’s Representative is <i>Mayor Cielo Krisel Lagman-Luistro.</i>
1.23	The Site is located at <i>Brgy. Oras, Tabaco City</i> and is defined in drawings No. <i>[Insert Number].</i>
1.27	The Start Date is <i>[Insert date].</i>
1.30	The Works consist of the following: (As shown in the Specifications)
2.2	<i>If different dates are specified for completion of the Works by section (“sectional completion”), these dates should be listed here</i>
5.1	The Procuring Entity shall give possession of all parts of the Site to the Contractor <i>[insert date].</i>
6.5	The Contractor shall employ the following Key Personnel : <i>[List key personnel by name and designation]</i>
7.4(c)	<i>Specify additional conditions, if any, that must be met prior to the release of the performance security, otherwise, state “No further instructions”.</i>
7.7	No further instructions.
8.1	No further instructions.
10	The site investigation reports are: <i>[list here or state none]</i>
12.3	No further instructions.
12.5	<i>Select one, delete the other.</i> <i>In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures: Fifteen (15) years.</i> <i>In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures: Five (5) years.</i> <i>In case of other structures, such as Bailey and wooden bridges, shallow wells, spring developments, and other similar structures: Two (2) years.</i>
13	<i>State here “No additional provision.” or, if the Contractor is a joint venture, “All partners to the joint venture shall be jointly and severally liable to the Procuring Entity.”</i>
18.3(h)(i)	No further instructions.
21.2	The Arbiter is: <i>[Insert name]</i> <i>[Insert address]</i>
29.1	<i>Select one, delete the other:</i>

	<p>Dayworks are applicable at the rate shown in the Contractor’s original Bid.</p> <p><i>Or</i></p> <p>No dayworks are applicable to the contract.</p>
31.1	The Contractor shall submit the Program of Work to the Procuring Entity’s Representative within <i>[insert number]</i> days of delivery of the Letter of Acceptance.
31.3	<p>The period between Program of Work updates is <i>[insert number]</i> days.</p> <p>The amount to be withheld for late submission of an updated Program of Work is <i>[insert amount]</i>.</p>
34.3	The Funding Source is the <i>Government of the Philippines</i> .
39.1	The amount of the advance payment is <i>[insert amount as percentage of the Contract Price and schedule of payment]</i>
40.1	Materials and equipment delivered on the site but not completely put in place shall be included for payment.
51.1	<p>The date by which operating and maintenance manuals are required is <i>[date]</i>.</p> <p>The date by which “as built” drawings are required is <i>[date]</i>.</p>
51.2	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

SPECIFICATIONS

Item No.	Description of Work to be Done		Quantities	Unit	Approved Budget (per item)
Cluster I – Rehab/Improvement of Roadways, Various Barangays, Tabaco City					
I.	Rehabilitation/Improvement of Agñas Roadways, Barangay Agñas, San Miguel Island, Tabaco City				999,168.91
	1.	Clearing & Grabbing	420.00	sq.m	
	2.	Leveling Course	46.20	cu.m	
	3.	Sub-Grade Preparation	420.00	sq.m	
	4.	Portland Cement Concrete Pavement (t=0.15m)	420.00	sq.m	
	5.	Bunkhouse	1.00	months	
	6.	Occupational Safety & Health Program	1.00	months	
	7.	Fab/Installation of Billboards	1.00	unit	
II.	Rehabilitation/Improvement of Visita Roadways, Barangay Visita, San Miguel Island, Tabaco City				999,068.11
	1.	Removal of Obstruction & Structure	497.50	sq.m	
	2.	Sub-Grade Preparation	497.50	sq.m	
	3.	Portland Cement Concrete Pavement(t=0.15m)	497.50	sq.m	
	4.	Bunkhouse	1.00	month	
	5.	Occupational Safety & Health Program	1.00	month	
	6.	Fab/Installation of Billboards	1.00	month	
III.	Rehabilitation/Improvement of Sagurong Roadways, Barangay Sagurong, San Miguel Island, Tabaco City				999,368.62
	1.	Removal of Obstruction & Structure	174.00	sq.m	
	2.	Excavation	20.00	cu.m	
	3.	Sub-Grade Preparation	290.00	sq.m	
	4.	Portland Cement Concrete Pavement(t=0.15m)	290.00	sq.m	
	5.	Slope Protection (Structure Concrete)	16.00	cu.m	
	6.	Bunkhouse	1.00	month	
	7.	Occupational Safety & Health Program	1.00	month	
	8.	Fab/Installation of Billboards	1.00	unit	
IV.	Rehabilitation/Improvement of Hacienda Roadways, Barangay Hacienda, San Miguel Island, Tabaco City				999,841.12
	1.	Removal of Obstruction & Structure	174.00	sq.m	
	2.	Excavation	4.80	cu.m	
	3.	Sub-Grade Preparation	362.50	sq.m	
	4.	Portland Cement Concrete Pavement(t=0.15m)	362.50	sq.m	
	5.	Slope Protection(Structural Concrete)	9.60	cu.m	
	6.	Bunkhouse	1.00	month	
	7.	Occupational Safety & Health Program	1.00	month	
	8.	Fab/Installation of Billboards	1.00	unit	
V.	Rehabilitation/Improvement of Hacienda Roadways-Sitio Dinagsaan, Barangay Hacienda, San Miguel Island, Tabaco City				499,441.07
	1.	Removal of Obstruction & Structure	236.00	sq.m	
	2.	Sub-Grade Preparation	236.00	sq.m	
	3.	Portland Cement Concrete Pavement(t=0.15m)	236.00	sq.m	
	4.	Bunkhouse	0.50	month	
	5.	Occupational Safety & Health Program	0.50	month	
	6.	Fab/Installation of Billboards	1.00	unit	
VI.	Rehabilitation/Improvement of San Carlos Roadways, Barangay San Carlos, Tabaco City				1,999,013.94
	SPL-1	Clearing & Grabbing	480.00	sq.m	
	103	Excavation for Structure	447.45	cu.m	
	504	Grouted Riprap Canal	235.20	cu.m	

	SPL-2	Restoration of Damaged Driveways & Structures	2.03	cu.m	
	101	Sub-Grade Preparation	423.00	sq.m	
	100	Levelling Course	84.60	sq.m	
	311	Portland Cement Concrete Pavement(t=0.15m)	423.00	sq.m	
	SPL-4	Removal & Disposal of Excavated/Unsuitable Materials	357.96	cu.m	
	500	RCPC, 0.60m	9.00	LM	
	SPL-5	Bunkhouse	2.00	months	
	SPL-6	Occupational Safety & Health Program	2.00	months	
	SPL-7	Fab/Installation of Billboards	1.00	Unit	
VII.	Rehabilitation/Improvement of Divino Rostro Roadways, Barangay Divino Rostro, Tabaco City				999,513.52
	SPL-1	Concrete Cutting of Existing PCCP & Demolition of Obstruction	90.00	sq.m	
	103	Excavation for Structures	90.00	cu.m	
	404	Reinforcing Steel	2,540.61	kgs	
	405	Structural Concrete	45.90	cu.m	
	SPL-2	Manhole w/ Cover	15.00	unit	
	SPL-3	Removal & Disposal of Excavated Materials	89.10	cu.m	
	SPL-4	Bunkhouse	1.00	months	
	SPL-5	Occupational Safety & Health Program	1.00	months	
	SPL-6	Fab/Installation of Billboards	1.00	unit	
VIII.	Rehabilitation/Improvement of Bogñabong Roadways, P-5 Barangay Bogñabong, Tabaco City				999,965.86
	1	Clearing & Grubbing	318.00	sq.m	
	2	Excavation for Structures	254.40	cu.m	
	3	Grouted Riprap Line Canal	181.26	cu.m	
	4	Restoration of Damaged Driveways and Alleys	3.60	cu.m	
	5	Removal & Disposal of Excavated/Unsuitable materials	203.52	cu.m	
	6	Bunkhouse	1.00	month	
	7	Occupational Safety & Health Program	1.00	Month	
	8	Fab/Installation Billboards	1.00	Unit	
IX.	Rehabilitation/Improvement of Comon Roadways, Barangay Comon, Tabaco City				999,296.80
	1	Clearing & Grubbing	120.00	m ²	
	2	Excavation for Structure	284.45	m ³	
	3	Grouted Riprap Line Canal	171.57	m ³	
	4	Removal & Disposal of Unsuitable/Excavated Materials	256.00	m ³	
	5	Restoration of Damaged Driveways/Concrete Structures	4.16	m ³	
	6	Bunkhouse	1.00	month	
	7	Occupational Safety & Health Program	1.00	month	
	8	Fab/Installation of Billboards	1.00	unit	
X.	Rehabilitation/Improvement of San Isidro Roadways, Barangay San Isidro, Tabaco City				999,328.30
	1	Clearing & Grubbing	100.00	m ²	
	2	Excavation for Structure	282.15	m ³	
	3	Grouted Riprap Line Canal	179.55	m ³	
	4	Removal & Disposal of Unsuitable/Excavated Materials	253.94	m ³	
	5	Restoration of Damaged Driveways/Concrete Structures	4.16	m ³	
	6	Bunkhouse	1.00	month	
	7	Occupational Safety & Health Program	1.00	month	
	8	Fab/Installation of Billboards	1.00	unit	
XI.	Rehabilitation/Improvement of Matagbac Roadways, Barangay Matagbac, Tabaco City				999,327.24
	1	Concrete Cutting & Demolition of Existing Damaged Concrete	430.00	sq.m	
	2	Sub-Grade Preparattion	430.00	sq.m	
	3	Portland Cement Concrete Pavement(t=0.23m)	430.00	sq.m	
	4	Removal & Disposal of Excavated/Unsuitable Materials	58.05	cu.m	
	5	Bunkhouse	1.00	month	
	6	Occupational Safety & Health Program	1.00	month	

	7	Fab/Installation of Billboards	1.00	unit	
XII.	Rehabilitation/Improvement of Pawa Roadways (Phase II), Barangay Pawa, Tabaco City				999,202.35
	SPL-1	Demolition of Concrete Structures & Obstruction	102.60	sq.m	
	103	Excavation for Structures	102.60	cu.m	
	404	Reinforcing Steel	2,630.50	kgs	
	405	Structural Concrete	54.72	cu.m	
	SPL-2	Manhole w/ Cover	18.00	unit	
	SPL-3	Removal & Disposal of Excavated Materials	101.57	cu.m	
	SPL-4	Bunkhouse	1.00	month	
	SPL-5	Occupational Safety & Health Program	1.00	month	
	SPL-6	Fab/Installation of Billboards	1.00	unit	
XIII.	Rehabilitation/Improvement of Panal Roadways, Barangay Panal, Tabaco City				998,887.30
	SPL-1	Concrete Cutting of Existing PCCP & Demolition of Obstruction	136.00	sq.m	
	103	Excavation for Structures	153.00	cu.m	
	500	RCPC-0.90m	68.00	L.M.	
	311	PCCP (t=0.15m)	125.80	sq.m	
	SPL-2	Manhole w/ Cover	12.00	unit	
	SPL-3	Removal & Disposal of Excavated Materials	107.10	cu.m	
	SPL-4	Bunkhouse	1.00	month	
	SPL-5	Occupational Safety & Health Program	1.00	month	
	SPL-6	Fab/Installation of Billboards	1.00	unit	
XIV.	Rehabilitation/Improvement of Quinale-Cabasan Roadways (Phase II), Barangay Quinale-Cabasan, Tabaco City				999,700.00
	SPL-1	Concrete Cutting of Existing PCCP & Demolition of Obstruction	94.00	sq.m	
	103	Excavation for Structures	94.00	cu.m	
	404	Reinforcing Steel	2,678.10	kgs	
	405	Structural Concrete	47.94	cu.m	
	SPL-2	Manhole w/ cover	14.00	unit	
	SPL-3	Removal & Disposal of Excavated Materials	93.06	cu.m	
	SPL-4	Bunkhouse	1.00	month	
	SPL-5	Occupational Safety & Health Program	1.00	month	
	SPL-6	Fab/Installation of Billboards	1.00	unit	
XV.	Rehabilitation/Improvement of Baranghawon Roadways, Barangay Baranghawon, Tabaco City				999,051.43
	1	Concrete Cutting & Demolition of Existing Damaged Concrete	432.00	sq.m	
	2	Sub-Grade Preparation	432.00	sq.m	
	3	Portland Cement Concrete Pavement(t=0.23m)	432.00	sq.m	
	4	Removal & Disposal of Excavated/Unsuitable Materials	58.32	cu.m	
	5	Bunkhouse	1.00	month	
	6	Occupational Safety & Health Program	1.00	month	
	7	Fab/Installation of Billboards	1.00	unit	
XVI.	Rehabilitation/Improvement of Fatima Roadways, Barangay Fatima, Tabaco City				999,513.52
	SPL-1	Concrete Cutting of Existing PCCP & Demolition of Obstruction	90.00	sq.m	
	103	Excavation for Structures	90.00	sq.m	
	404	Reinforcing Steel	2,540.61	kgs	
	405	Structural Concrete	45.90	cu.m	
	SPL-2	Manhole	15.00	unit	
	SPL-3	Removal & Disposal of Excavated Materials	89.10	cu.m	
	SPL-4	Bunkhouse	1.00	month	
	SPL-5	Occupational Safety & Health Program	1.00	month	
	SPL-6	Fab/Installation of Billboards	1.00	unit	
XVII.	Rehabilitation/Improvement of Bonot-Buhian Roadways, Barangay Bonot-Buhian, Tabaco City (Box Curvert)				1,999,117.01
	1	Care & Re-routing of Waterways	1.00	lot	
	2	Demolition & Removal of Obstruction	30.00	sq.m.	
	3	Structural Excavation	144.00	cu.m	
	4	Backfilling/Filling Materials	96.00	cu.m	
	5	Reinforcing Steel Bars	8,839.06	kgs	
	6	Structural Concrete	81.71	cu.m	
	7	Forms & Scaffoldings	51.00	sq.m	

	8	Guard Rail	30.00	l.m	
	9	Bunkhouse	2.00	months	
	10	Occupational Safety & Health Program	2.00	months	
	11	Fab/Installation of Billboard	1.00	unit	
XVIII.	Rehabilitation/Improvement of San Juan Roadways, Barangay San Juan, Tabaco City				999,148.12
	SPL-1	Concrete Cutting of Existing PCCP & Demolition of Obstruction	90.00	sq.m	
	103	Excavation for Structures	90.00	cu.m	
	404	Reinforcing Steel	2,540.61	kgs	
	405	Structural Concrete	45.90	cu.m	
	SPL-2	Manhole w/ cover	15.00	unit	
	SPL-3	Removal & Disposal of Excavated Materials	89.10	cu.m	
	SPL-4	Bunkhouse	1.00	month	
	SPL-5	Occupational Safety & Health Program	1.00	month	
	SPL-6	Fab/Installation of Billboards	1.00	unit	
XIX.	Rehabilitation/Improvement of San Isidro Spillway, Barangay San Isidro, Tabaco City				1,499,338.97
	SPL-1	Clearing & Demolition Works	40.00	m ²	
	103	Excavation for Structures	22.60	m ³	
	404	Reinforcing Steel Bars	1,136.81	kgs	
	405	Structural Concrete	22.05	m ³	
	516	Handlaid Rock Embankment	75.00	m ³	
	504	Grouted Riprap	19.80	m ³	
	SPL-2	Concrete Cutting of Existing PCCP & Demolition of Obstruction	490.00	m ²	
	101	Sub-Grade Preparation	490.00	m ²	
	311-2	Portland Cement Concrete Pavement	490.00	m ²	
	SPL-3	Removal & Disposal of Unsuitable/Excavated Materials	66.15	m ³	
	SPL-4	Bunkhouse	1.50	months	
	SPL-5	Occupational Safety & Health Program	1.50	months	
	SPL-6	Fab/Installation of Billboards	1.00	unit	
XX.	Rehabilitation/Improvement of Comon Bridge Approach, Barangay Comon, Tabaco City				1,499,628.06
	Section A-A (8.90 L.M. River Control)				
	SPL-1	Clearing & Demolition Works	37.38	sq.m	
	103	Excavation for Structures	5.79	cu.m	
	404	Reinforcing Steel Bars	382.72	kgs	
	405	Structural Concrete	10.28	cu.m	
	516	Handlaid Rock Embankment	11.21	cu.m	
	SPL-2	Bunkhouse	1.50	month	
	SPL-3	Occupational Safety & Health Program	1.50	month	
	SPL-4	Fab/Installation of Billboards	1.00	month	
	Section B-B (50.0 L.M. River Control)				
	SPL-1	Clearing & Demolition of Damaged Structures	175.00	sq.m	
	103	Excavation for Structures	50.00	cu.m	
	404	Reinforcing Steel Bars	2,814.41	kgs	
	405	Structural Concrete	64.88	cu.m	
	516	Handlaid Rock Embankment	110.63	cu.m	
	504	Grouted Riprap	34.50	cu.m	
XXI.	Rehabilitation/Improvement of Oson Roadways, Barangay Oson, Tabaco City				999,536.20
	1	Clearing & Grubbing	500.00	sq.m	
	2	Levelling Course	82.50	cu.m	
	3	Sub-Grade Preparation	500.00	sq.m	
	4	Portland Cement Concrete Pavement(t=0.15m)	500.00	sq.m	
	5	Bunkhouse	1.00	months	
	6	Occupational Safety & Health Program	1.00	months	
	7	Fab/Installation of Billboards	1.00	unit	
Cluster II – Rehab/Improvement of Oras Box Culvert, Brgy. Oras, Tabaco City					19,998,287.69
	Section A				
	1.	Care & Re-routing of Waterways	1.00	lot	
	2.	Demolition & Removal of Obstruction	45.00	cu.m	
	3.	Structural Excavation	351.00	cu.m	
	4.	Backfilling/ Filling Materials	276.00	cu.m	
	5.	Reinforcing Steel Bars	82.20	kgs	

	6.	Concrete Works	150.09	cu.m	
	7.	Forms & Scaffoldings	192.00	sq.m	
	8.	Guard Rail	50.00	L.M.	
	Section B				
	1.	PCCP (t=0.20m)	70.20	sq.m	
	2.	Structural Excavation	12.17	cu.m	
	3.	Reinforcing Steel Bars	857.55	kgs	
	4.	Concrete Works	16.73	cu.m	
	5.	Handlaid Rock Embankment	14.74	cu.m	
	6.	Fab/ Installation of Billboards	1.00	unit	
	Section C				
	1.	Demolition & Removal of Obstruction	812.00	sq.m	
	2.	Structural Excavation	229.39	cu.m	
	3.	Reinforcing Steel Bars	14,300.82	kgs	
	4.	Concrete Works	377.58	cu.m	
	5.	Handlaid Rock Embankment	1,364.16	cu.m	
	6.	Grouted Riprap	49.02	cu.m	
	SPL 1	Cleaning & Deepening of Waterways	40,860.80	cu.m	
	SPL-2	Bunkhouse	5.00	months	
	SPL-3	Occupational Safety & Health Program	5.00	months	

AGENCY/OFFICE:

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT

4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
AGÑAS ROADWAYS

PROJECT LOCATION:

Barangay Agñas, San Miguel Island, Tabaco City

PREPARED BY:

LEO ANGELO G. BATALLER

JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA

OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCO B. BITE

CITY ARCHITECT

RECOMMENDING APPROVAL:

DINDO B. BONGALOSA

OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISBEL LAGMAN-LUISTRO

CITY MAYOR

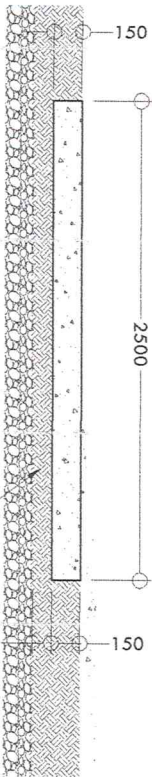
CONTROL No.: REVISIONS:

JULY 2018

SHEET No.:

1 1

SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
	REHABILITATION/IMPROVEMENT OF ROADWAYS, BARANGAY AGÑAS, SAN MIGUEL ISLAND, TABACO CITY-REHABILITATION/IMPROVEMENT OF 420.00 Sq.m		
1	REMOVAL OF OBSTRUCTION AND STRUCTURE	sq.m	420.00
2	LEVELLING COURSE	cum	46.20
3	SUB-GRADE PREPARATION	sq.m	420.00
4	PORTLAND CEMENT CONCRETE PAVEMENT(t : 0.15m)	sq.m	420.00
5	BUNKHOUSE	month	1.00
6	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
7	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



SCALE

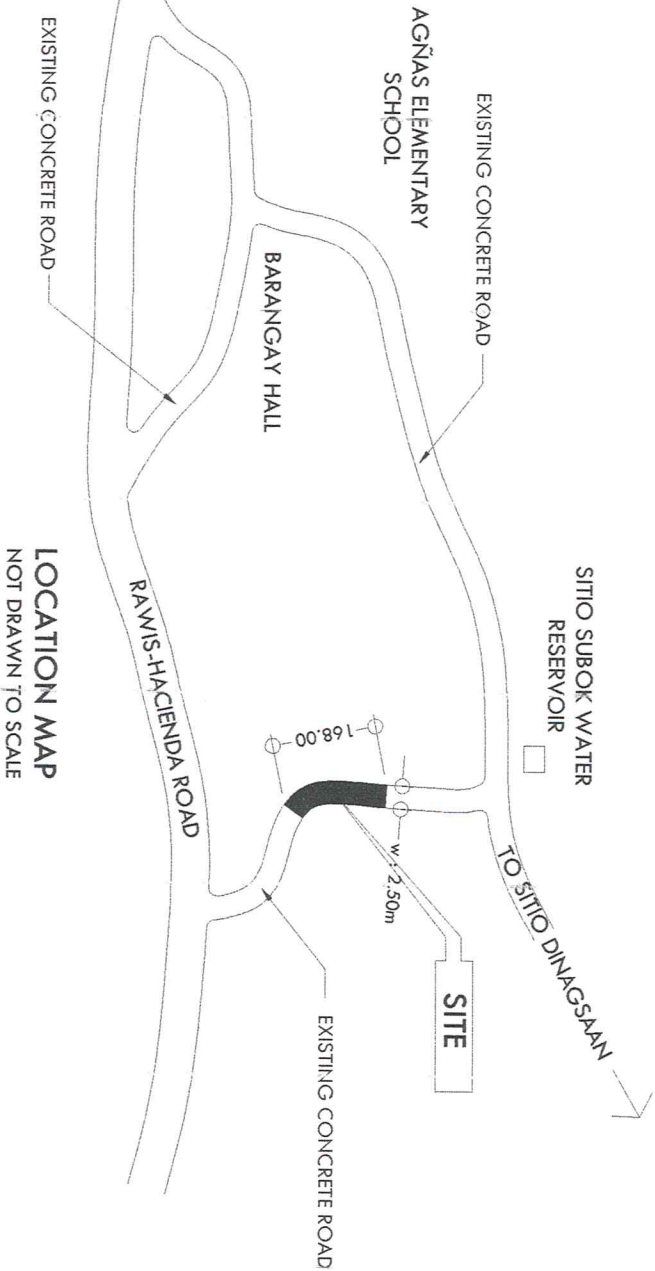
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40 MTS

DETAIL OF PCCP

LEVELLING COURSE



EXISTING CONCRETE ROAD

AGÑAS ELEMENTARY SCHOOL

EXISTING CONCRETE ROAD

BARANGAY HALL

RAWIS-HACIENDA ROAD

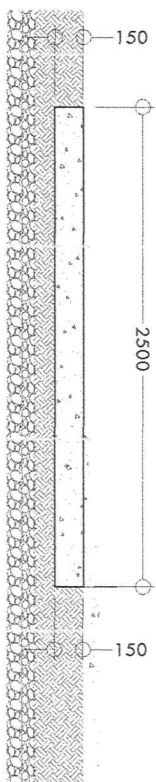
SITIO SUBOK WATER RESERVOIR

TO SITIO DINAGSAAN

SITE

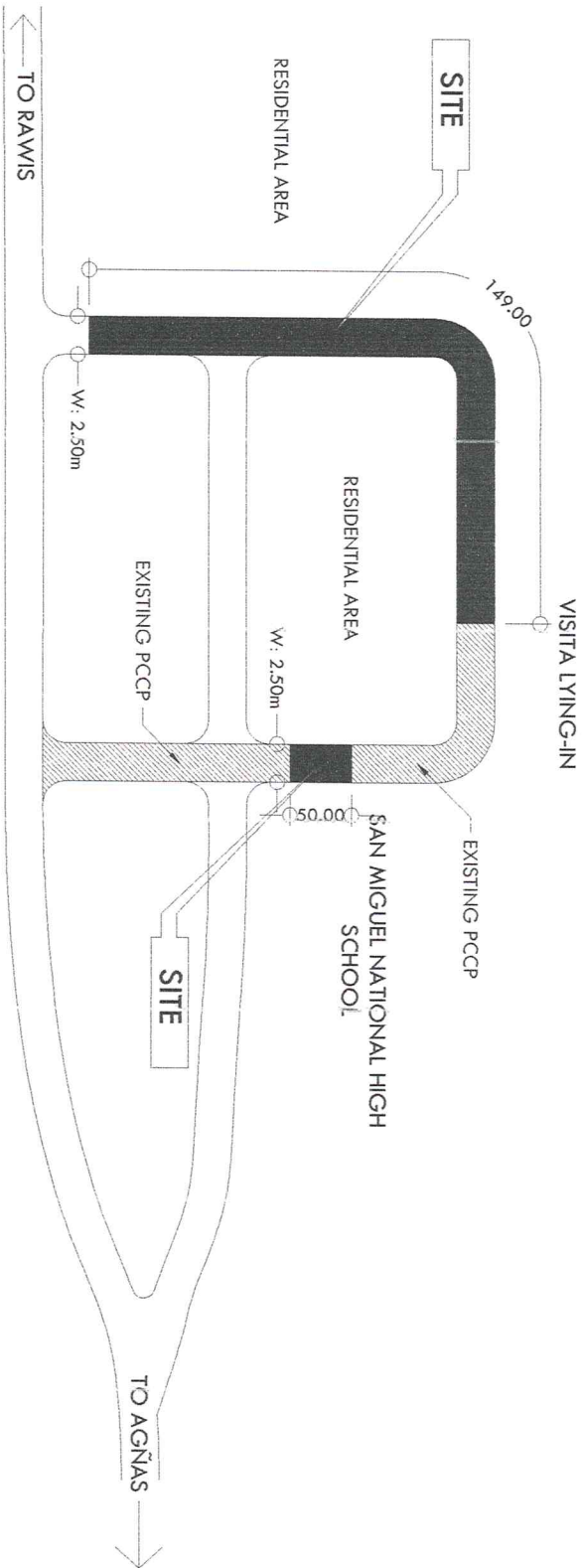
EXISTING CONCRETE ROAD

LOCATION MAP
NOT DRAWN TO SCALE



DETAIL OF PCCP
SCALE 1 : 40 MTS

SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
	REHABILITATION/IMPROVEMENT OF ROADWAYS, BARANGAY VISITA, SAN MIGUEL ISLAND, TABACO CITY-REHABILITATION/IMPROVEMENT OF 497.50 Sq.m		
	ROADWAYS		
1	REMOVAL OF OBSTRUCTION AND STRUCTURE	sq.m	497.50
2	SUB-GRADE PREPARATION	sq.m	497.50
3	PORTLAND CEMENT CONCRETE PAVEMENT(t : 0.15m)	sq.m	497.50
4	BUNKHOUSE	month	1.00
5	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
6	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



LOCATION MAP
NOT DRAWN TO SCALE

AGENCY/OFFICE:

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT

4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
VISITA ROADWAYS

PROJECT LOCATION:

Barangay Visita, San Miguel Island, Tabaco City

PREPARED BY:

LEO ANGELDO G. BATALLER

JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA

OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCO B. BITE

CITY ARCHITECT

RECOMMENDING APPROVAL:

DINDO B. BONGALOSA

OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISSEL LAGMAN-LUISTRO

CITY MAYOR

CONTROL No.:

REVISIONS:

JULY 2018

SHEET No.:

1 1

AGENCY/OFFICE:

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT

4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
SAGURONG ROADWAYS

PROJECT LOCATION:

Barangay Sagurong, San Miguel Island, Tabaco City

PREPARED BY:

LEO ANGELO G. BATALLER
JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA
OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCO B. BITE
CITY ARCHITECT

RECOMMENDING APPROVAL:

DINDO B. BONGALOSA
OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISSEL LAGMAN-LUISTRO
CITY MAYOR

CONTROL No.:

REVISIONS:

JUNE 2018

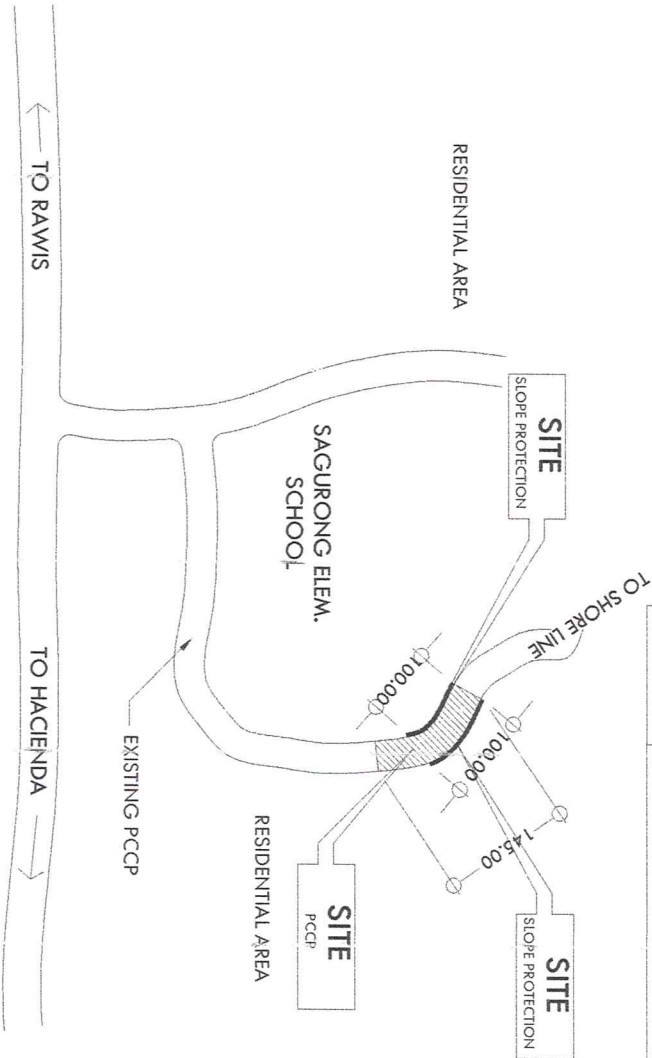
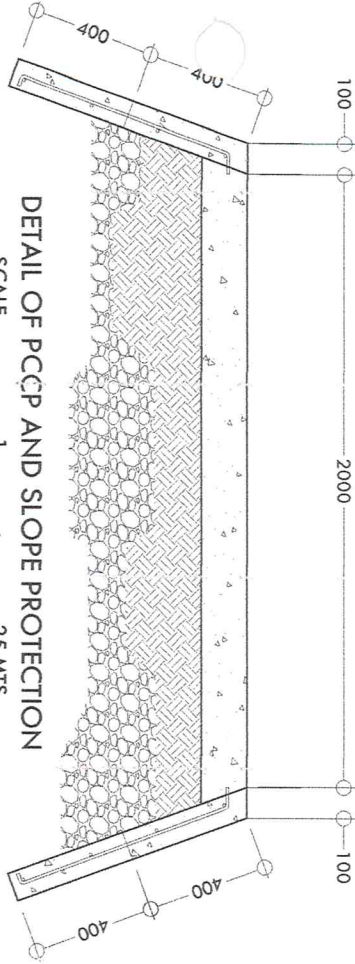
SHEET No.:

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SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
	REHABILITATION/IMPROVEMENT OF ROADWAYS, BARANGAY SAGURONG, SAN MIGUEL ISLAND, TABACO CITY		
	REHABILITATION/IMPROVEMENT OF 2 ¹ / ₂ Ø.00 Sq.m ROADWAYS WITH 200.00 Lm SLOPE PROTECTION (REINFORCED CONCRETE)		
1	REMOVAL OF OBSTRUCTION AND STRUCTURE	sq.m	174.00
2	EXCAVATION	cu.m	20.00
3	SUB-GRADE PREPARATION	sq.m	290.00
4	PORTLAND CEMENT CONCRETE PAVEMENT(t : 0.15m)	sq.m	290.00
5	SLOPE PROTECTION (STRUCTURAL CONCRETE)	cu.m	16.00
6	BUNKHOUSE	month	1.00
7	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
8	FAB./INSTALLATION OF BILLBOARDS	unit	1.00

DETAIL OF PCCP AND SLOPE PROTECTION

SCALE 1 : 25 MTS



LOCATION MAP
NOT DRAWN TO SCALE

AGENCY/OFFICE:

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT

4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
HACIENDA ROADWAYS

PROJECT LOCATION:

Batangay Hacienda, San Miguel Island, Tabaco City
PREPARED BY:

LEO ANGEL G. BATALER
JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA
OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCO B. BITE
CITY ARCHITECT
RECOMMENDING APPROVAL:

DINDO B. BONGALOSA
OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISSEL LAGMAN-LUISTRO
CTY MAYOR

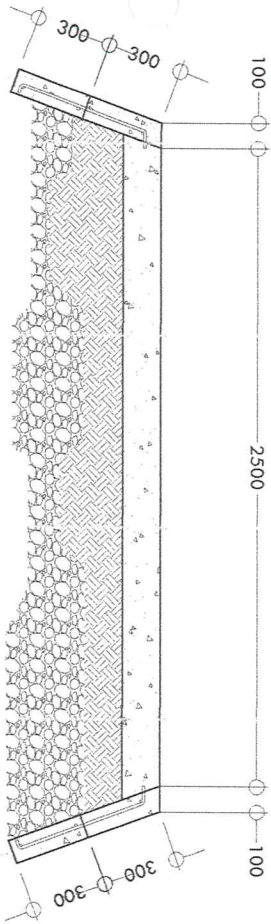
CONTROL No.: REVISIONS:

JUNE 2018

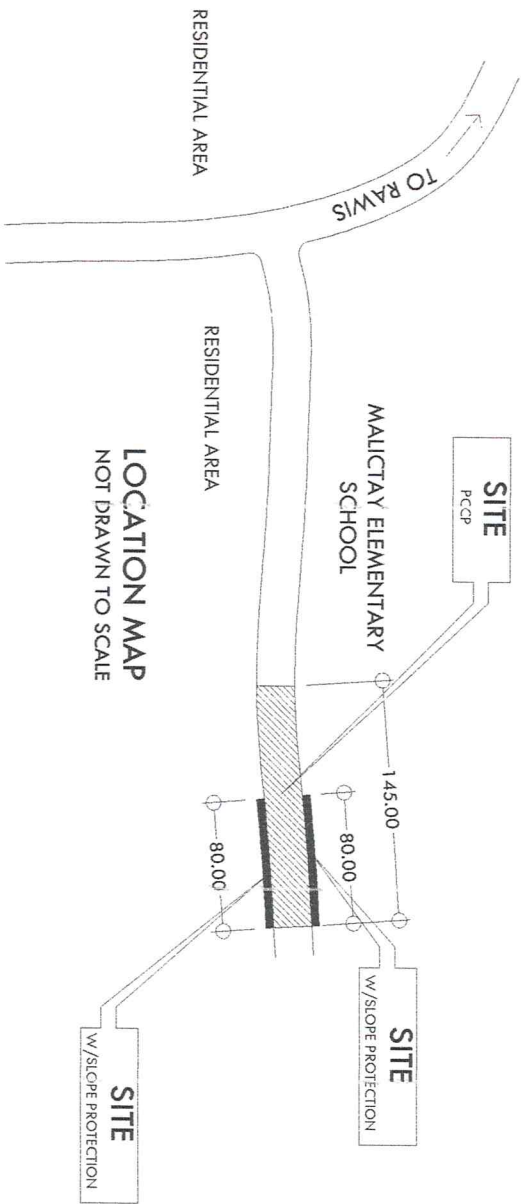
SHEET No.:

1 1

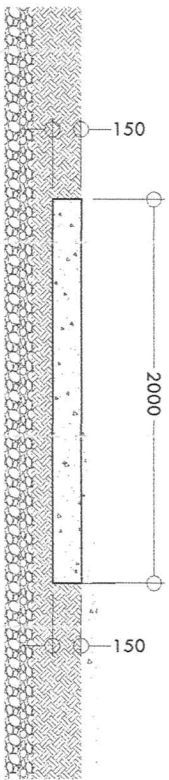
SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
1	REHABILITATION/IMPROVEMENT OF ROADWAYS, BARANGAY HACIENDA, SAN MIGUEL ISLAND, TABACO CITY REHABILITATION/IMPROVEMENT OF 362.50 Sqm ROADWAYS WITH 160.00 Lm SLOPE PROTECTION	sq.m	174.00
2	REMOVAL OF OBSTRUCTION AND STRUCTURE EXCAVATION	cu.m	4.80
3	SUB-GRADE PREPARATION	sq.m	362.50
4	PORTLAND CEMENT CONCRETE PAVEMENT(t : 0.15m)	sq.m	362.50
5	SLOPE PROTECTION (STRUCTURAL CONCRETE)	cu.m	9.60
6	BUNKHOUSE	month	1.00
7	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
8	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



DETAIL OF PCCP AND SLOPE PROTECTION
SCALE 1 : 25 MTS

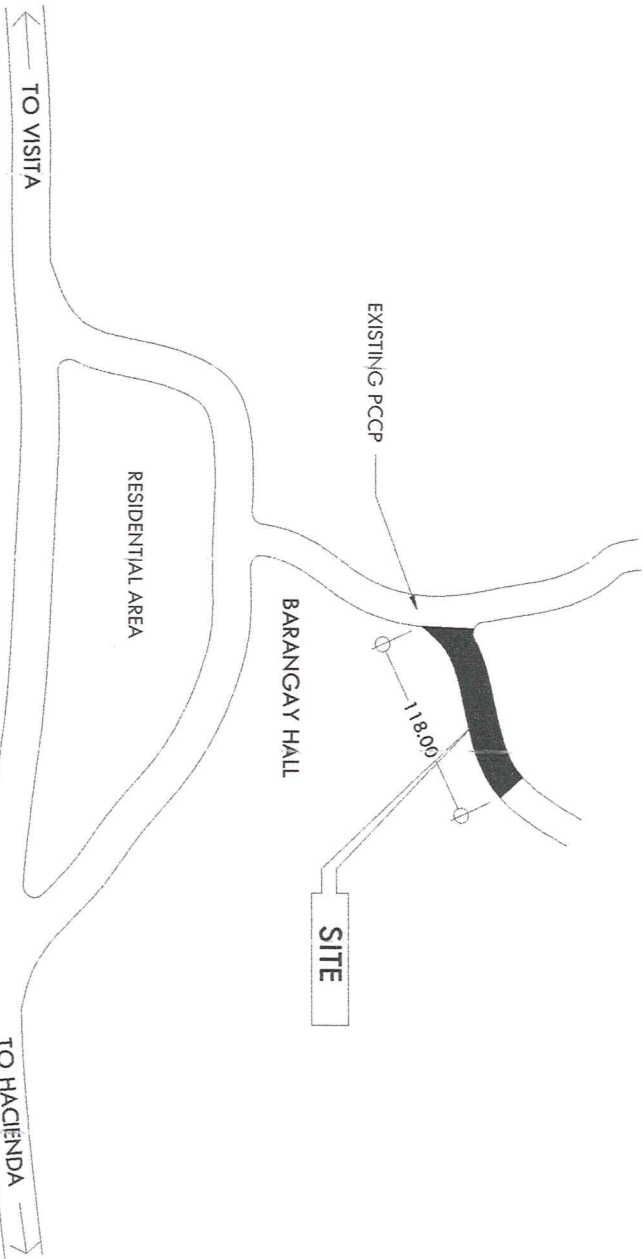


LOCATION MAP
NOT DRAWN TO SCALE



DETAIL OF PCCP
SCALE 1 : 40 MTS

SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
REHABILITATION/IMPROVEMENT OF ROADWAYS, SITIO DINAGSAAN, BARANGAY HACIENDA, SAN MIGUEL ISLAND, TABACO CITY-REHABILITATION/IMPROVEMENT OF 236.00 Sq.m			
ROADWAYS			
1	REMOVAL OF OBSTRUCTION AND STRUCTURE	sq.m	236.00
2	SUB-GRADE PREPARATION	sq.m	236.00
3	PORTLAND CEMENT CONCRETE PAVEMENT(t : 0.15m)	sq.m	236.00
4	BUNKHOUSE	month	0.50
5	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	0.50
6	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



LOCATION MAP
NOT DRAWN TO SCALE

5
AGENCY/OFFICE:
REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT

4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
HACIENDA ROADWAYS

PROJECT LOCATION:

Sitio Dinagsaan, Brgy.:Hacienda, SMI, Tabaco City

PREPARED BY:

LEO ANGELO G. BATALER

JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA

OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCISCO B. BITE

CITY ARCHITECT

RECOMMENDING APPROVAL:

DINDO B. BONGALOSA

OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISSEL LAGMAN-LUISTRO

CITY MAYOR

CONTROL No.:

REVISIONS:

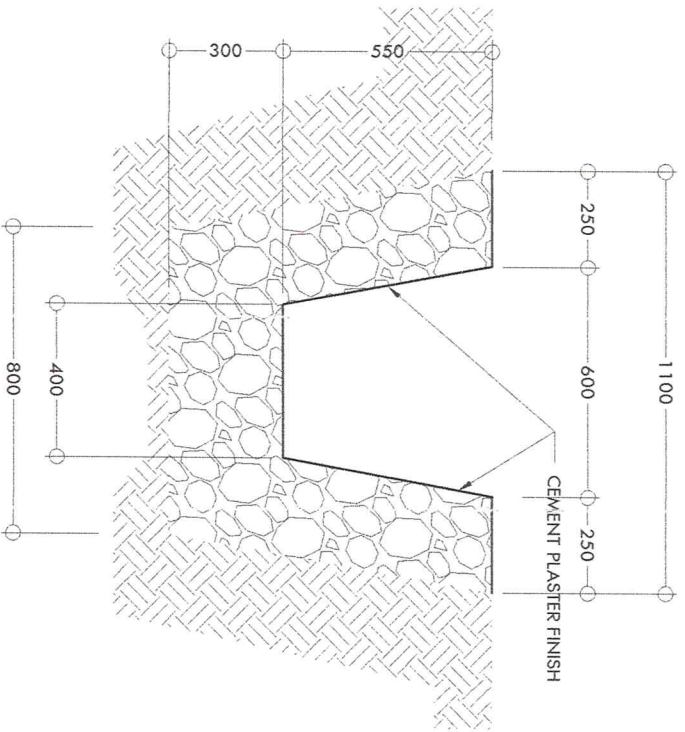
JULY 2018

SHEET No.:

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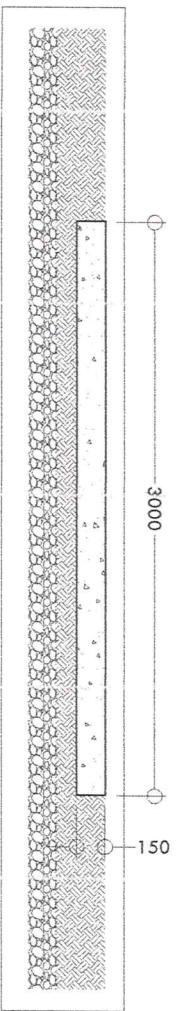
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SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
	REHABILITATION/IMPROVEMENT OF 480.00 lm. GROUTED RIPRAP CANAL AND 423 sq.m CONCRETE PAVEMENT, BARANGAY SAN CARLOS, TABACO CITY		
SPL-1	CLEARING AND GRUBBING	sq.m	480.00
103	EXCAVATION FOR STRUCTURES	cum	447.45
504	GROUTED RIPRAP LINE CANAL	cum	235.20
SPL-2	RESTORATION OF DAMAGED DRIVEWAYS AND STRUCTURES	cum	2.03
101	SUB-GRADE PREPARATION	sq.m	423.00
100	LEVELLING COURSE	sq.m	84.60
311	PORTLAND CEMENT CONCRETE PAVEMENT (1:0.15m)	sq.m	423.00
SPL-4	REMOVAL AND DISPOSAL OF EXCAVATED/UNSUITABLE MATERIALS	cum	357.96
500	RCPC : 0.60m	lm	9.00
SPL-5	BUNKHOUSE	months	2.00
SPL-6	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	months	2.00
SPL-5	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



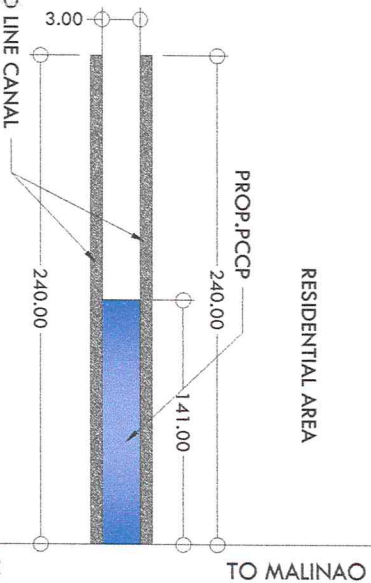
DETAIL OF GROUTED RIPRAP CANAL

SCALE 1 : 16 MTS



DETAIL OF PCCP

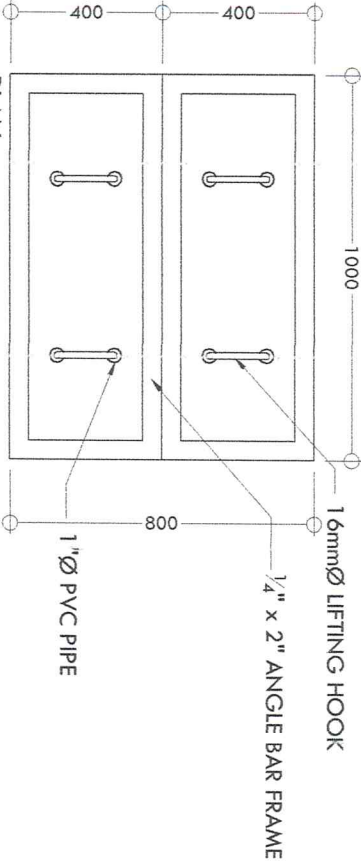
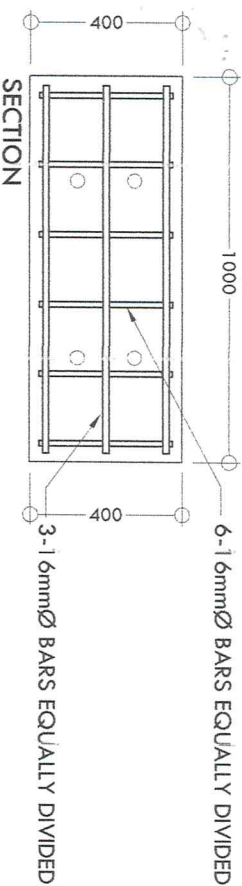
SCALE 1 : 40 MTS



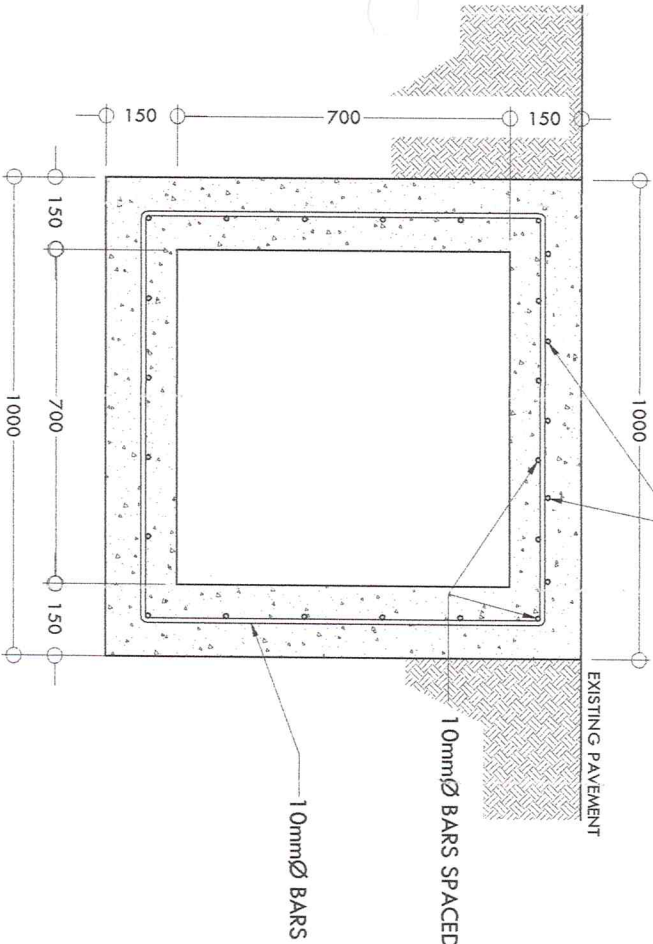
LOCATION MAP

NOT DRAWN TO SCALE

AGENCY / OFFICE:	REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY
OFFICE OF THE CITY ARCHITECT	
4th Floor, City Hall Annex, Tabaco City	
PROJECT TITLE:	REHABILITATION/IMPROVEMENT OF SAN CARLOS ROADWAYS
PROJECT LOCATION:	Barangay San Carlos, Tabaco City
PREPARED BY:	
CHECKED BY:	LEO ANGELO G. BATALLER JOB ORDER-CADD
REVIEWED BY:	ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE
RECOMMENDING APPROVAL:	FRANCIS B. BITE CITY ARCHITECT
APPROVED BY:	DINDO B. BONGALOSA OIC-CITY ENGINEER
CONTROL No.:	Hon. CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR
SHEET No.:	JULY 2018 REVISIONS:

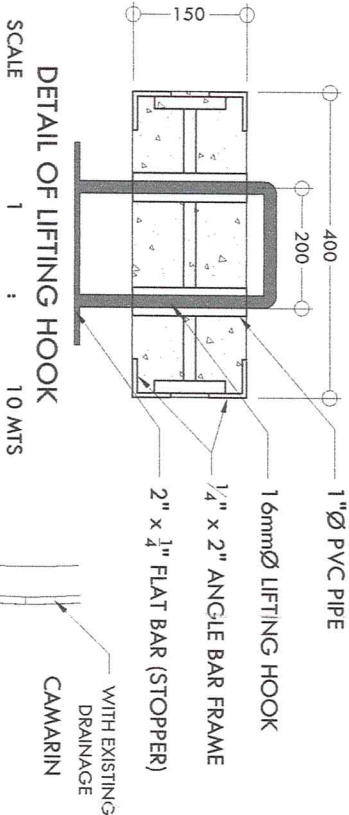


PLAN
DETAIL OF MANHOLE COVER
SCALE 1 : 20 MTS

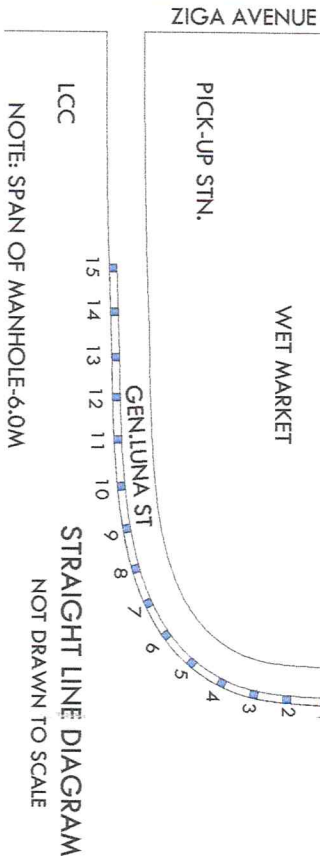


DETAIL OF BOX CULVERT
SCALE 1 : 16 MTS

SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
REHABILITATION/IMPROVEMENT OF 90.00 Lm REINFORCED CONCRETE BOX CULVERT CANAL, BARANGAY DIVINO ROSTRO, TABACO CITY			
SPL-1	CONCRETE CUTTING OF EXISTING PCCP AND DEMOLITION OF OBSTRUCTION	sq.m	90.00
103	EXCAVATION FOR STRUCTURES	cu.m	90.00
404	REINFORCING STEEL	kgs	2,540.61
405	STRUCTURAL CONCRETE	cu.m	45.90
SPL-2	MANHOLE WITH COVER	unit	15.00
SPL-3	REMOVAL & DISPOSAL OF EXCAVATED MATERIALS	cu.m	89.10
SPL-4	BUNKHOUSE	month	1.00
SPL-5	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
SPL-6	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



DETAIL OF LIFTING HOOK
SCALE 1 : 10 MTS



7

AGENCY / OFFICE:

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT

4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
DIVINO ROSTRO ROADWAYS

PROJECT LOCATION:

Barangay Divino Rostro, Tabaco City

PREPARED BY:

LEO ANGELO G. BATALLER

JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA

OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCISCO B. BITE

CITY ARCHITECT

RECOMMENDING APPROVAL:

DINIDO B. BONGALOSA

OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISSEL LAGMAN-LUISTRO

CITY MAYOR

CONTROL No.:

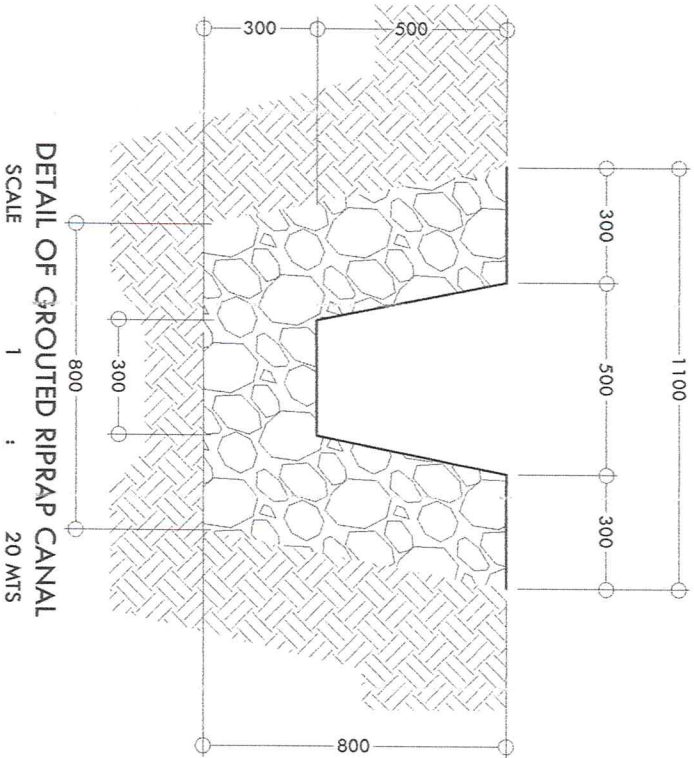
REVISIONS:

JULY 2018

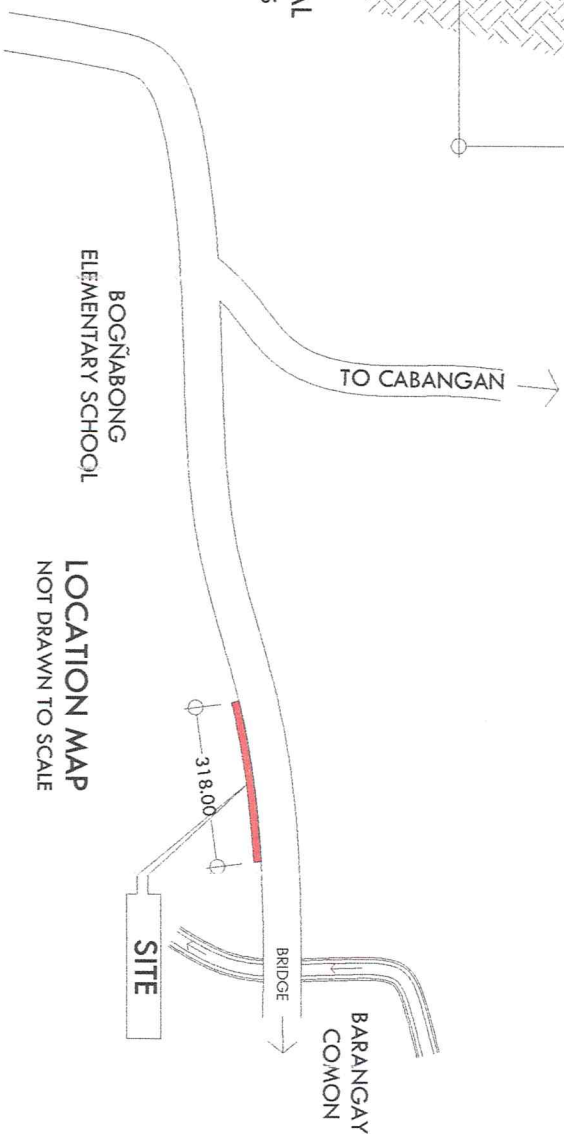
SHEET No.:

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SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
REHABILITATION/IMPROVEMENT OF BOGÑABONG ROADWAYS, P-5 BARANGAY BOGÑABONG, TABACO CITY-REHABILITATION OF 318 Lm. GROUTED RIPRAP CANAL			
1	CLEARING AND GRUBBING	sq.m	318.00
2	EXCAVATION FOR STRUCTURE	cu.m	254.40
3	GROUTED RIPRAP CANAL	cu.m	181.26
4	RESTORATION OF DAMAGED DRIVEWAYS AND ALLEYS	cu.m	3.60
5	REMOVAL & DISPOSAL OF UNSUITABLE/EXCAVATED MATERIALS	cu.m	203.52
6	BUNKHOUSE	month	1.00
7	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
8	FAB./INSTALLATION OF BILLBOARDS	unit	1.00

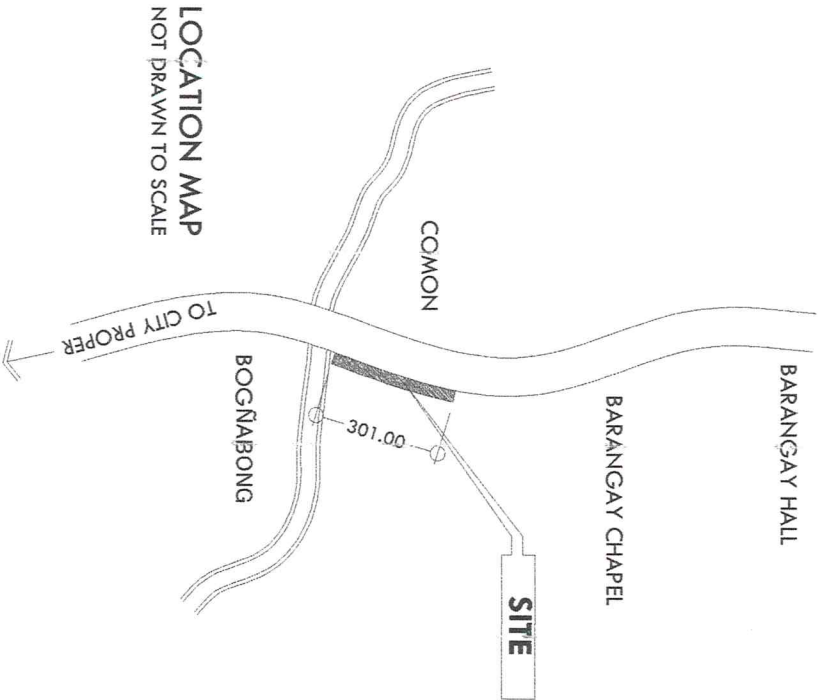
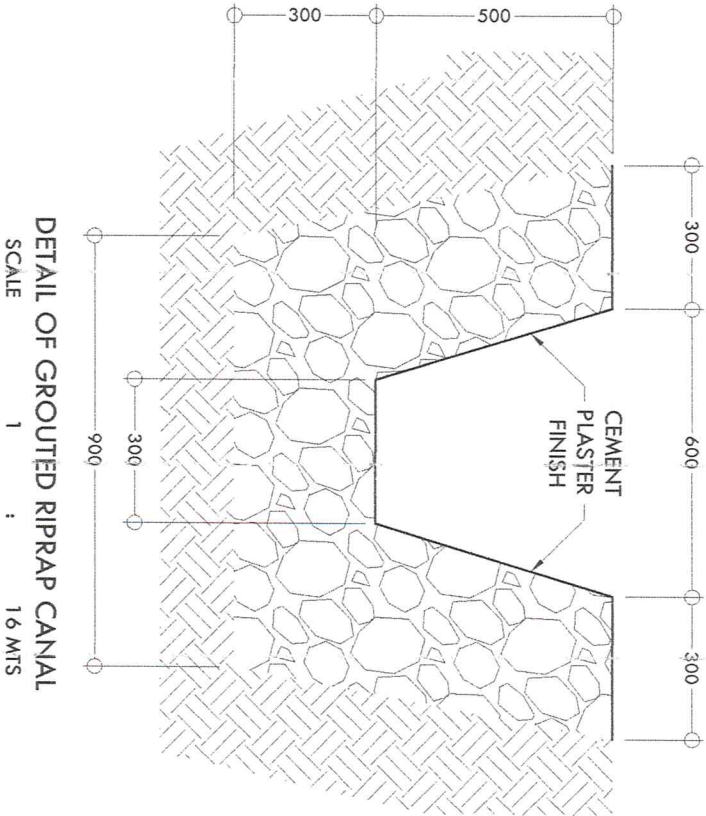


DETAIL OF GROUTED RIPRAP CANAL
SCALE 1 : 20 MTS



AGENCY / OFFICE:	REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY
OFFICE OF THE CITY ARCHITECT	
4th Floor, City Hall Annex, Tabaco City	
PROJECT TITLE:	REHABILITATION/IMPROVEMENT OF BOGÑABONG ROADWAYS
PROJECT LOCATION:	P-5,Barangay Bogñabong, Tabaco City
PREPARED BY:	LEO ANGELO G. BATALER JOB ORDER-CADD
CHECKED BY:	ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE
REVIEWED BY:	FRANCO B. BITE CITY ARCHITECT
RECOMMENDING APPROVAL:	DINDO B. BONGALOSA OIC-CITY ENGINEER
APPROVED BY:	Hon. CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR
CONTROL No.:	2018-08-03
SHEET No.:	1

SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
	REHAB./IMPROVEMENT OF ROADWAYS, BRGY. COMON, TABACO CITY-REHAB./IMPROVEMENT OF 301.00 lm. GROUTED RIPRAP CANAL		
1	CLEARING AND GRUBBING	sq.m	1 20.00
2	EXCAVATION FOR STRUCTURES	cu.m	284.45
3	GROUTED RIPRAP LINE CANAL	cu.m	1 71.57
4	REMOVAL AND DISPOSAL OF EXCAVATED/UNSUITABLE MATERIALS	cu.m	256.00
5	RESTORATION OF DAMAGED DRIVEWAYS/CONCRETE STRUCTURES	cu.m	4.16
6	BUNKHOUSE	month	1.00
7	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
8	FAB./INSTALLATION BILLBOARDS	unit	1.00



AGENCY/OFFICE: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY	PROJECT TITLE: 4th Floor, City Hall Annex, Tabaco City
OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER	
REHABILITATION/IMPROVEMENT OF COMON ROADWAYS	
PROJECT LOCATION: Barangay Comon, Tabaco City	
PREPARED BY:	
CHECKED BY: LEO ANGELO G. BATALLER JOB ORDER-CADD	
REVIEWED BY: ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE	
RECOMMENDING APPROVAL: FRANCISCO B. BITE CITY ARCHITECT	
APPROVED BY: DINDO B. BONGAROSA OIC-CITY ENGINEER	
Hon. CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR	
CONTROL No.: 2018-06-06	
SHEET No.: 1 1	

AGENCY/OFFICE:
REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT/
OFFICE OF THE CITY ENGINEER
4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT
OF SAN ISIDRO ROADWAYS

PROJECT LOCATION:

Barangay San Isidro, Tabaco City

PREPARED BY:

LEO ANGEL G. BATALER

JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA

OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCISCO B. BITE

CITY ARCHITECT

RECOMMENDING APPROVAL:

DINDO B. BONGALOSA

OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISSEL LAGMAN-LUISTRO

CITY MAYOR

CONTROL No.:

REVISIONS:

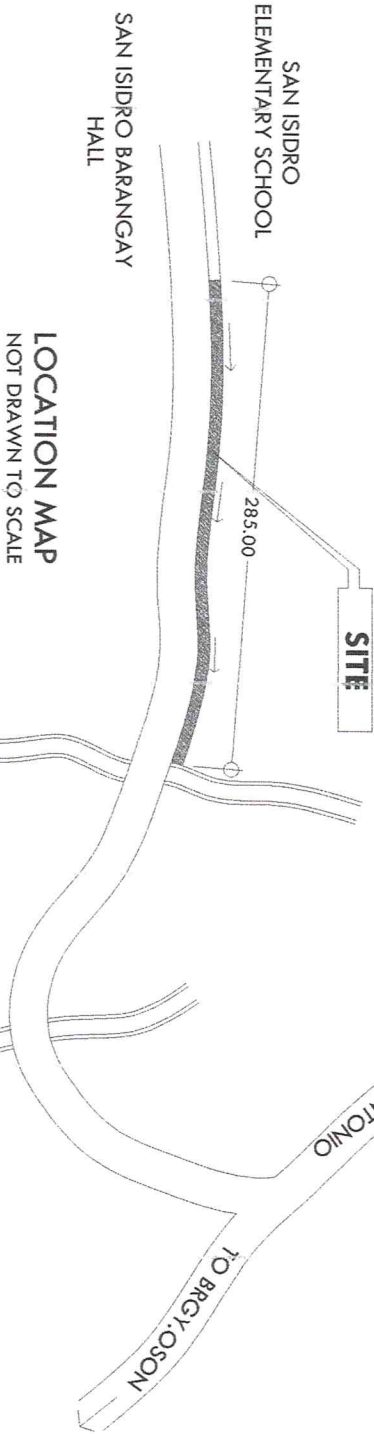
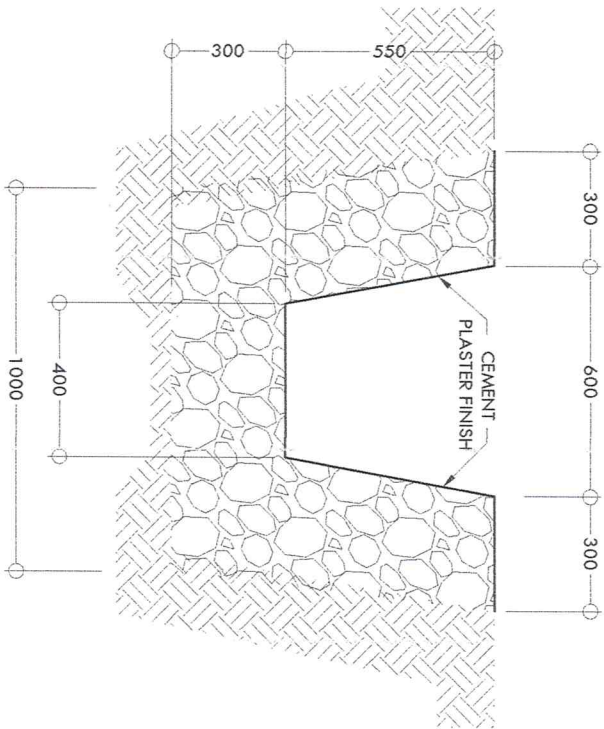
2018-06-03

SHEET No.:

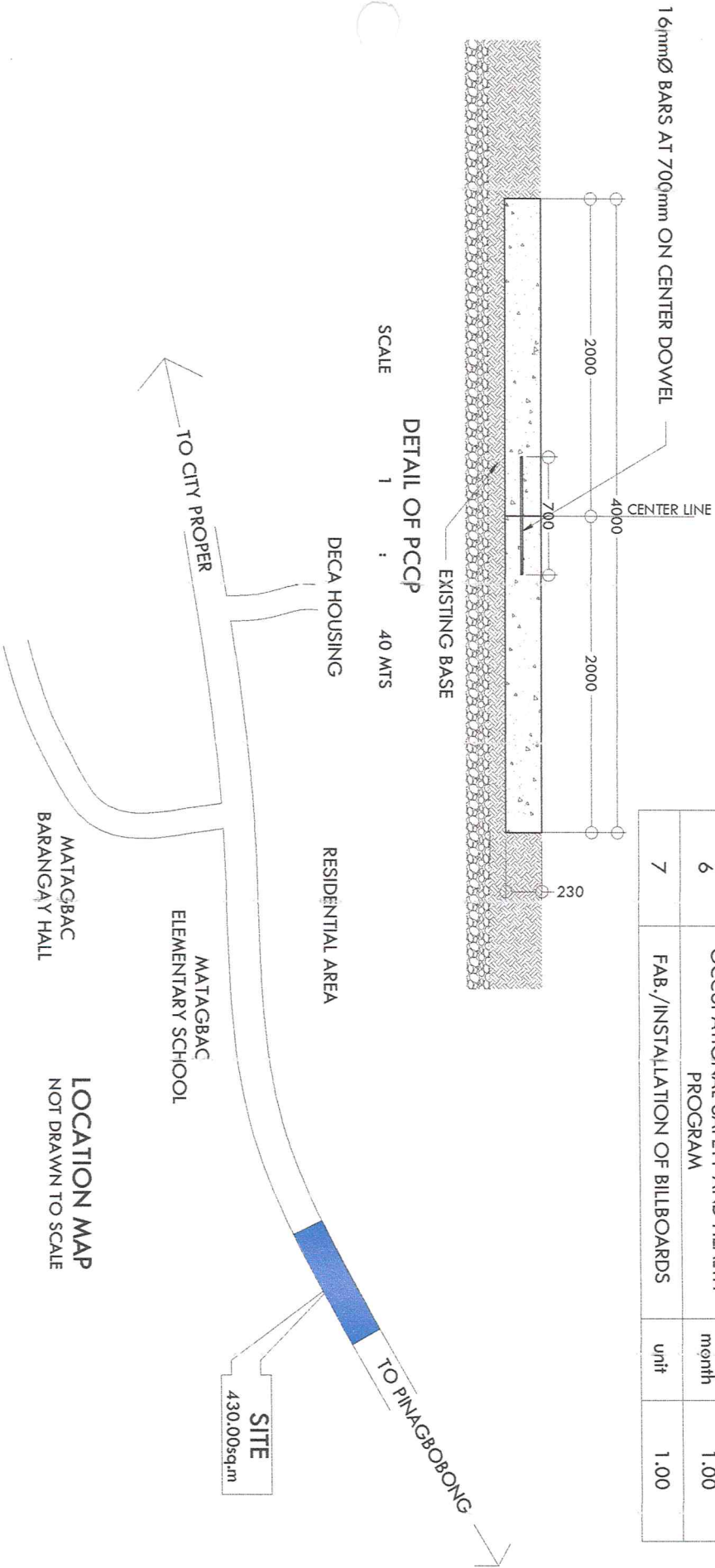
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SUMMARY OF QUANTITIES		
ITEM NO.:	DESCRIPTION OF WORK	UNIT
REHAB./IMPROVEMENT OF ROADWAYS, BARANGAY SAN ISIDRO, TABACO CITY-REHAB./IMPROVEMENT OF 285.00 lm. GROUTED RIPRAP CANAL		
1	CLEARING AND GRUBBING	sq.m
2	EXCAVATION FOR STRUCTURES	cum
3	GROUTED RIPRAP LINE CANAL	cum
4	REMOVAL AND DISPOSAL OF EXCAVATED/UNSUITABLE MATERIALS	cum
5	RESTORATION OF DAMAGED DRIVEWAYS/CONCRETE STRUCTURES	cum
6	BUNKHOUSE	month
7	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month
8	FAB./INSTALLATION OF BILLBOARDS	unit

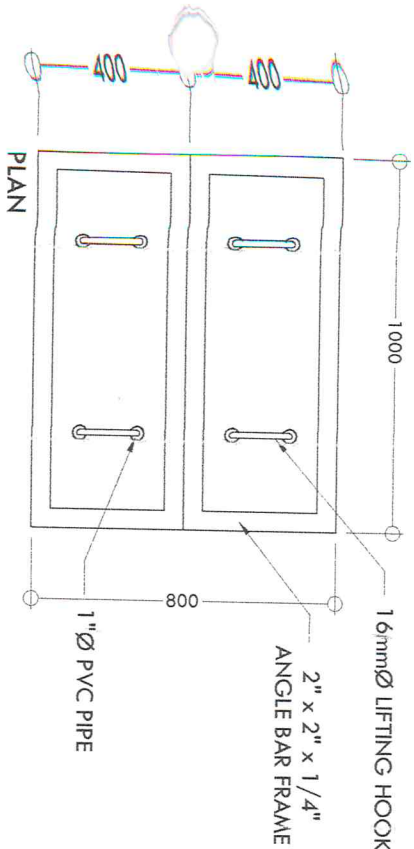
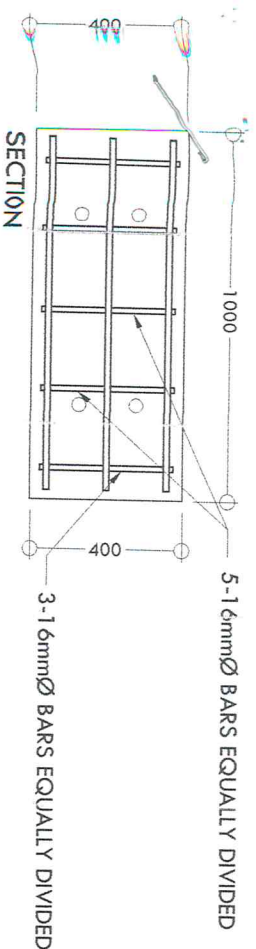
DETAIL OF GROUTED RIPRAP CANAL
SCALE 1 : 16 MTS



SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
	REHABILITATION/IMPROVEMENT OF ROADWAYS, BARANGAY MATAGBAC, TABACO CITY-REHABILITATION OF 430.00 Sq.m ROADWAYS		
1	CONCRETE CUTTING AND DEMOLITION OF EXISTING DAMAGED CONCRETE	sq.m	430.00
2	SUB-GRADE PREPARATION	sq.m	430.00
3	PORTLAND CEMENT CONCRETE PAVEMENT(t : 0.23m)	sq.m	430.00
4	REMOVAL & DISPOSAL OF UNSUITABLE/EXCAVATED MATERIALS	cu.m	58.05
5	BUNKHOUSE	month	1.00
6	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
7	FAB./INSTALLATION OF BILLBOARDS	unit	1.00

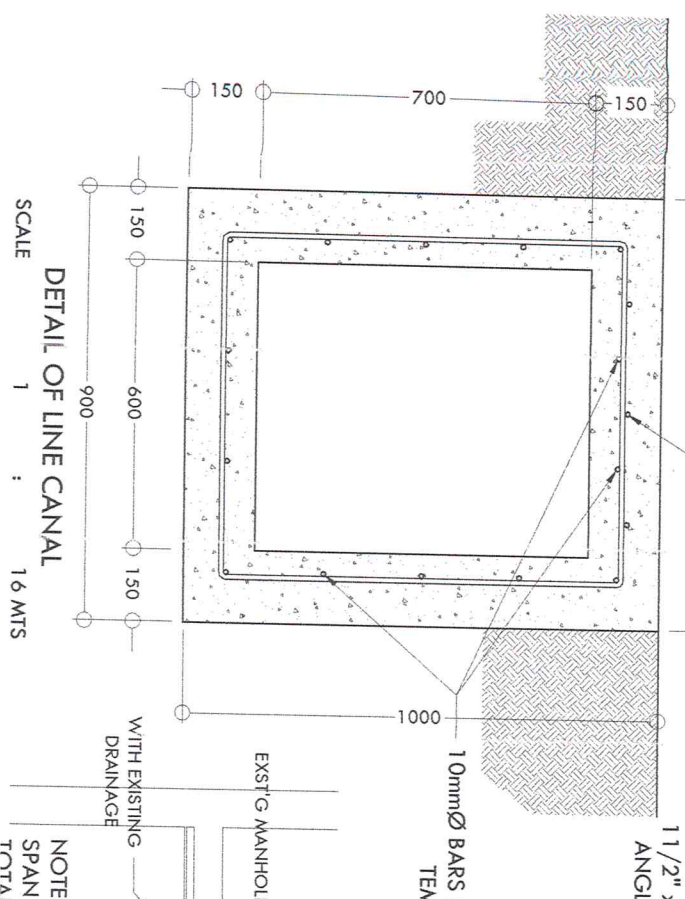


AGENCY/OFFICE:	
REPUBLIC OF THE PHILIPPINES	
LOCAL GOVERNMENT UNIT OF TABACO	
TABACO CITY-ALBAY	
OFFICE OF THE CITY ARCHITECT	
4th Floor, City Hall Annex, Tabaco City	
PROJECT TITLE:	
REHABILITATION/IMPROVEMENT OF MATAGBAC ROADWAYS	
PROJECT LOCATION:	
Barangay Matagbac, Tabaco City	
PREPARED BY:	
LEO ANGELO G. BATALER	
JOB ORDER-CADD	
CHECKED BY:	
ROLAND B. GARCIA	
OIC-CITY GENERAL SERVICES OFFICE	
REVIEWED BY:	
FRANCO B. SITE	
CITY ARCHITECT	
RECOMMENDING APPROVAL:	
DINBO B. BONGALOSA	
OIC-CITY ENGINEER	
APPROVED BY:	
Hon. CIELO KRSEL LAGMAN-LUSTRO	
CITY MAYOR	
CONTROL No.:	
JULY 2018	
REVISIONS:	
SHEET No.:	
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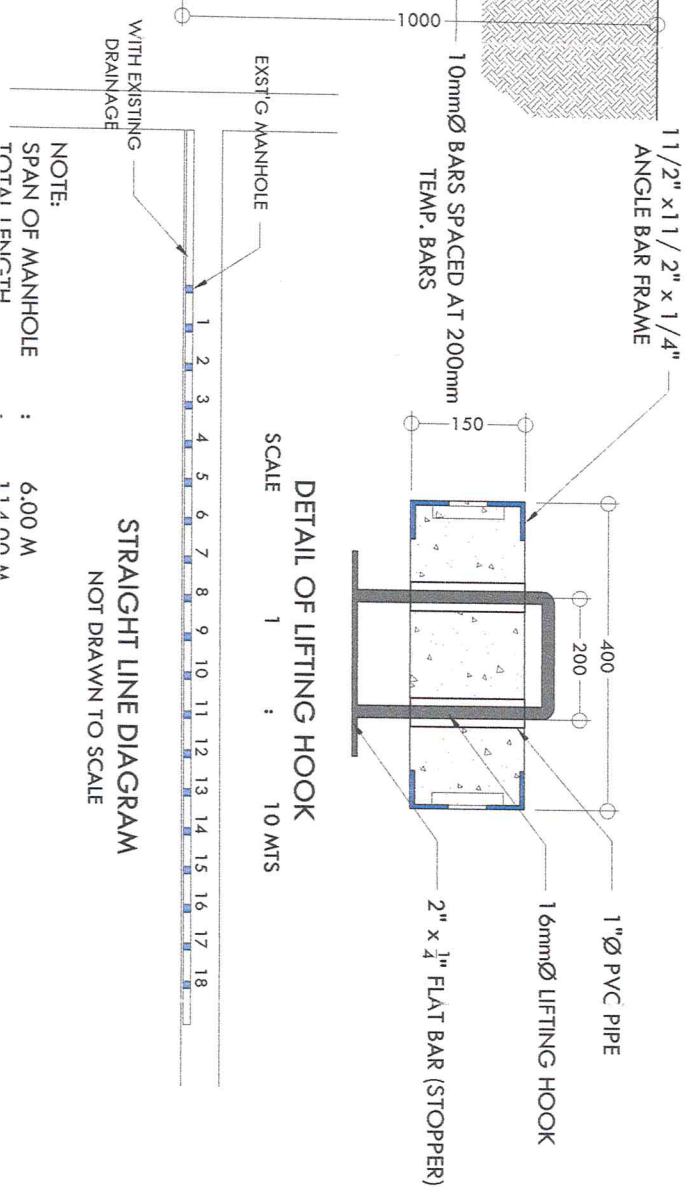


DETAIL OF MANHOLE COVER
SCALE 1 : 20 MTS

SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
REHABILITATION/IMPROVEMENT OF 11.400 Km REINFORCED CONCRETE BOX CULVERT CANAL, BARANGAY PAWA, TABACO CITY			
SPL-1	DEMOLITION OF CONCRETE STRUCTURES AND OBSTRUCTION	sq.m	102.60
103	EXCAVATION FOR STRUCTURES	cum	102.60
404	REINFORCING STEEL	kgs	2,630.50
405	STRUCTURAL CONCRETE	cum	54.72
SPL-2	MANHOLE WITH COVER	unit	18.00
SPL-3	REMOVAL & DISPOSAL OF EXCAVATED MATERIALS	cum	101.57
SPL-4	BUNKHOUSE	month	1.00
SPL-5	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
SPL-6	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



DETAIL OF LINE CANAL
SCALE 1 : 16 MTS



DETAIL OF LIFTING HOOK
SCALE 1 : 10 MTS



STRAIGHT LINE DIAGRAM
NOT DRAWN TO SCALE

AGENCY / OFFICE:
REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT
4th Floor, City Hall Annex, Tabaco City
PROJECT TITLE:
REHABILITATION/IMPROVEMENT
OF PAWA ROADWAYS
PHASE-II

PROJECT LOCATION:
Barangay Pawa, Tabaco City
PREPARED BY:
LEO ANGELIS G. BATALER
JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA
OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCIS B. BITE
CITY ARCHITECT

RECOMMENDING APPROVAL:
DINDO B. BONGALOSA
OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRSEL LAGMAN-LUISTRO
CITY MAYOR

CONTROL No.:
JULY 2018

SHEET No.:
1 2

AGENCY / OFFICE

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT

4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
PANAL ROADWAYS

PROJECT LOCATION:

Barangay Peinul, Tabaco City

PREPARED BY:

LEO ANGELO G. BATALLER

JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA

OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCO B. BITE

CITY ARCHITECT

RECOMMENDING APPROVAL:

DINDO B. BONGALOSA

OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISL LAGMAN-LUISTRO

CITY MAYOR

CONTROL No.:

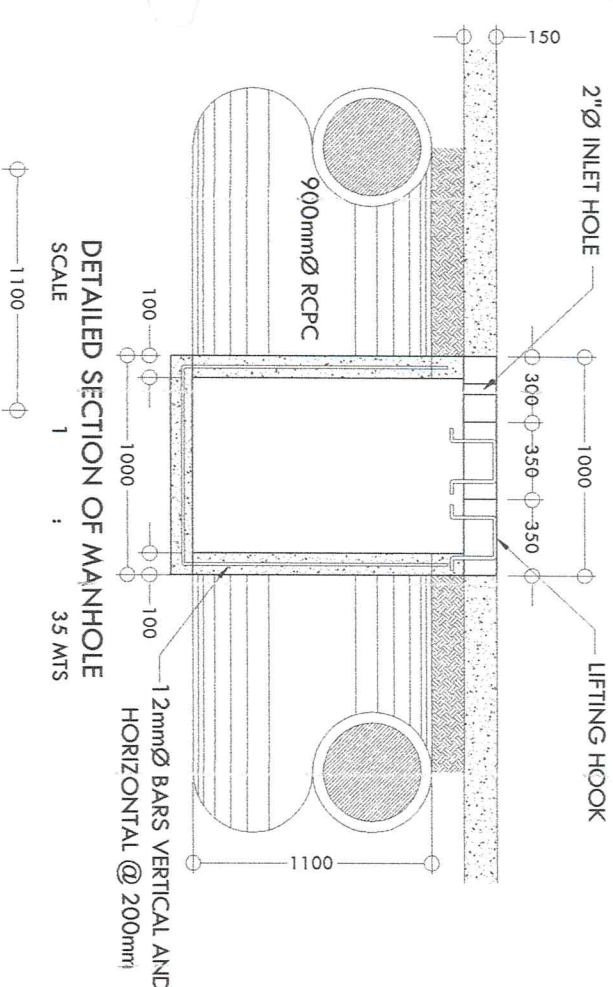
REVISIONS:

JULY 2018

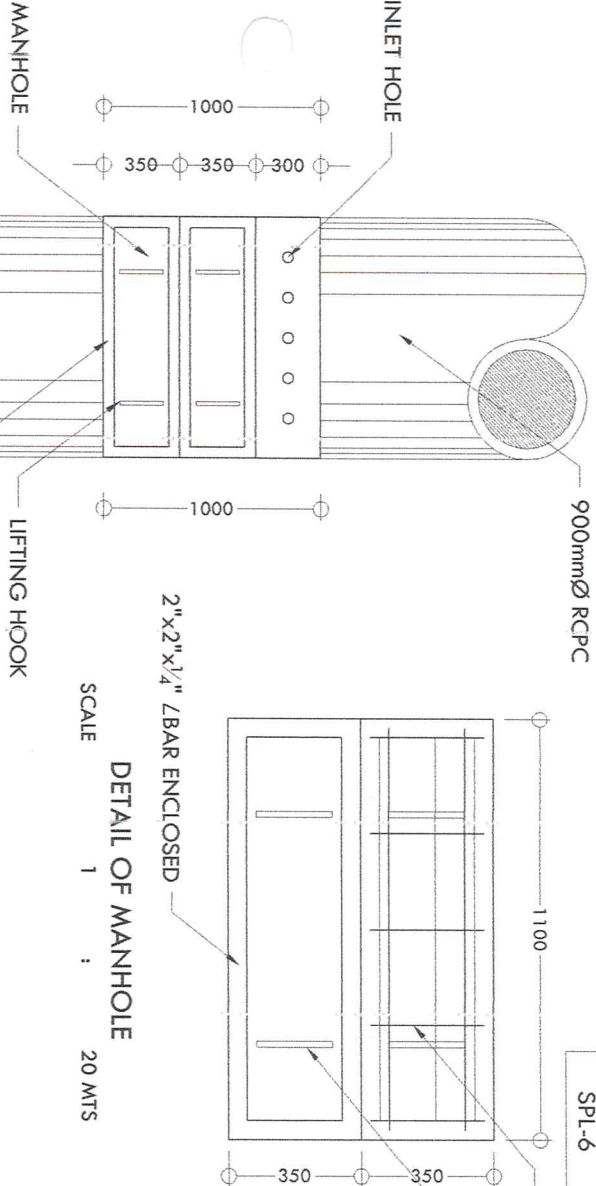
SHEET No.:

1 1

SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
REHABILITATION/IMPROVEMENT OF PANAL ROADWAYS, REHABILITATION OF 68.00 Lm DRAINAGE CANAL, BARANGAY PANAL, TABACO CITY			
SPL-1	CONCRETE CUTTING OF EXISTING PCCP AND DEMOLITION OF OBSTRUCTION	sq.m	136.00
103	EXCAVATION FOR STRUCTURES	cum	153.00
500	RCPC : 0.90m	Lm	68.00
311	PCCP : t- 0.15m	sq.m	125.80
SPL-2	MANHOLE WITH COVER	unit	12.00
SPL-3	REMOVAL AND DISPOSAL OF EXCAVATED MATERIALS	cum	107.10
SPL-4	BUNKHOUSE	month	1.00
SPL-5	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
SPL-6	FAB./INSTALLATION OF BILLBOARDS	unit	1.00

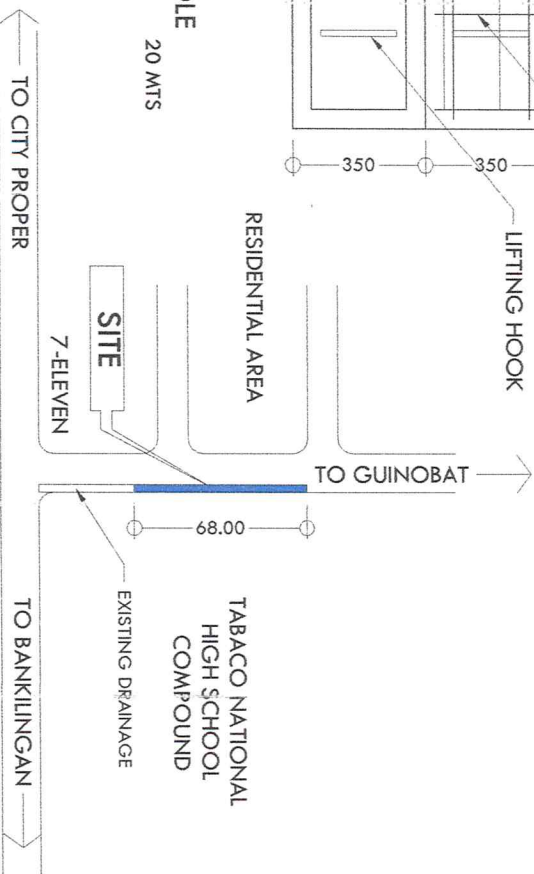


DETAILED SECTION OF MANHOLE
SCALE 1 : 35 MTS



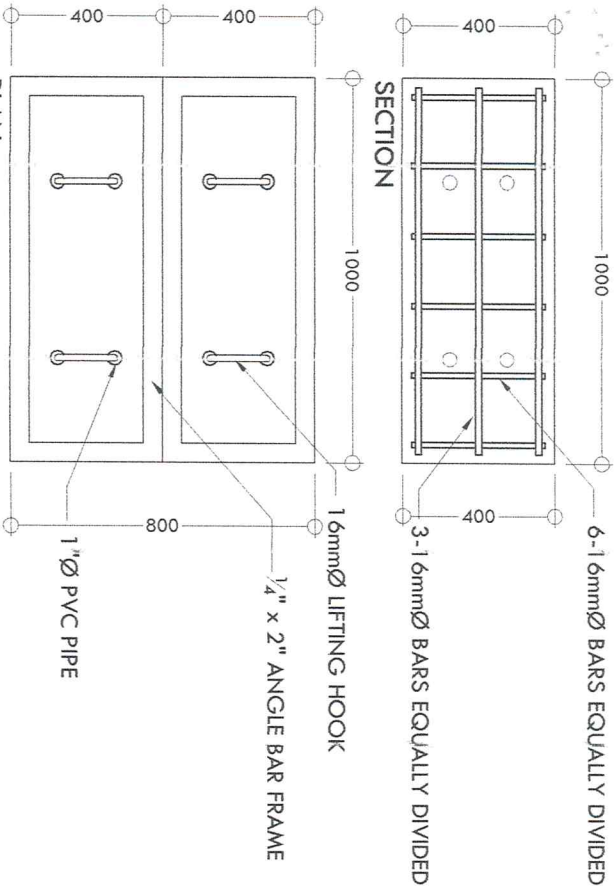
DETAIL OF MANHOLE
SCALE 1 : 20 MTS

DETAIL OF DRAINAGE
SCALE 1 : 35 MTS

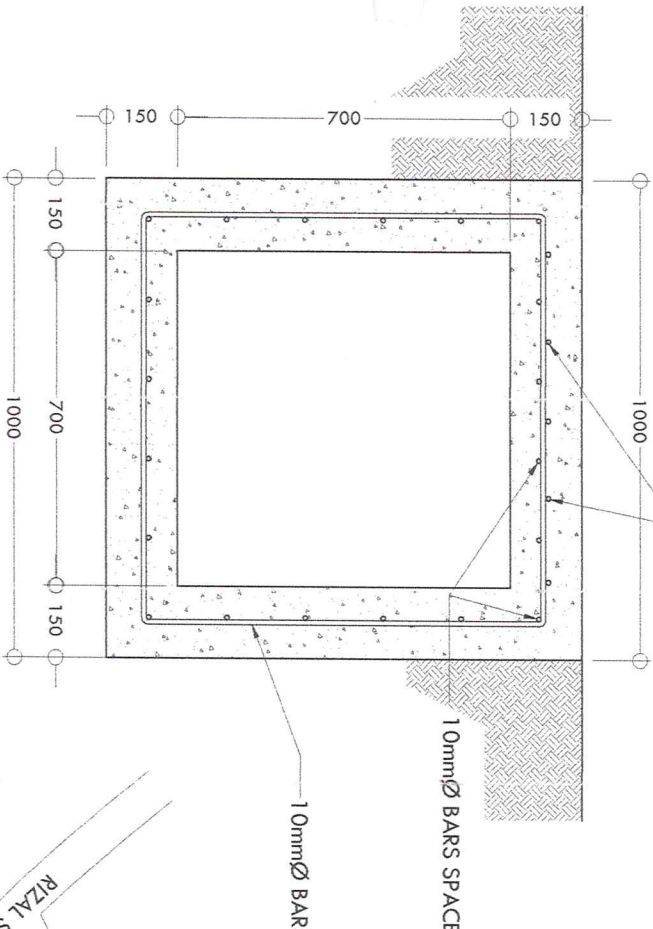


LOCATION MAP
NOT DRAWN TO SCALE

TABACO
NORTHWEST
CENTRAL SCHOOL
COMPOUND

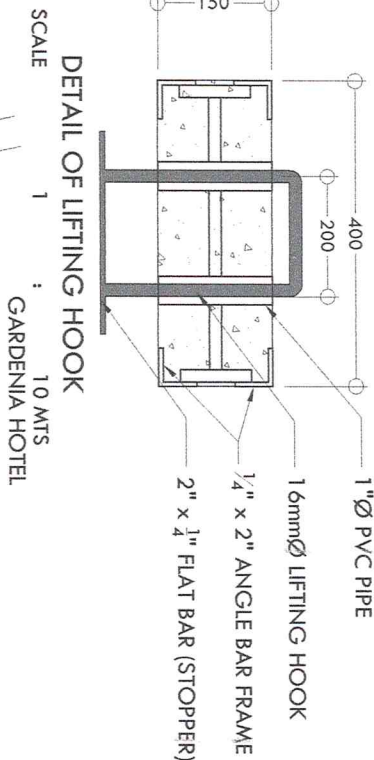


DETAIL OF MANHOLE COVER
SCALE 1 : 16 MTS

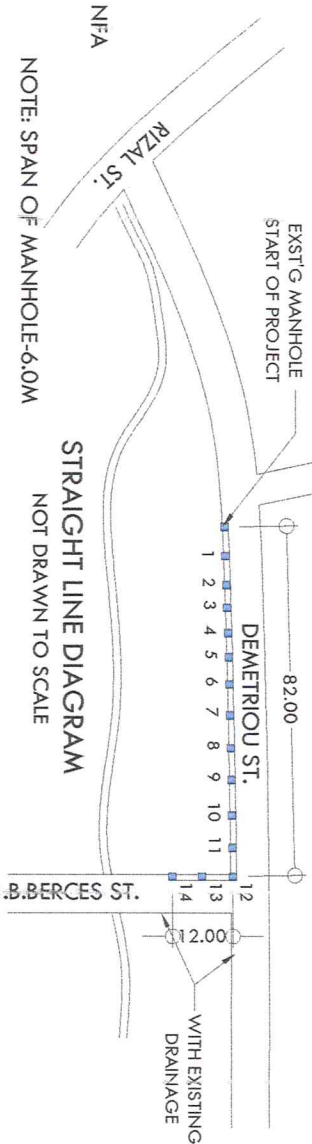


DETAIL OF BOX CULVERT
SCALE 1 : 16 MTS

SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
REHABILITATION/IMPROVEMENT OF 94.00lm REINFORCED CONCRETE BOX CULVERT CANAL, BARANGAY QUINALE-CABASAN, TABACO CITY			
SPL-1	CONCRETE CUTTING OF EXISTING PCCP AND DEMOLITION OF OBSTRUCTION	sq.m	94.00
103	EXCAVATION FOR STRUCTURES	cum	94.00
404	REINFORCING STEEL	kgs	2,678.10
405	STRUCTURAL CONCRETE	cum	47.94
SPL-2	MANHOLE WITH COVER	unit	14.00
SPL-3	REMOVAL & DISPOSAL OF EXCAVATED MATERIALS	cum	93.06
SPL-4	BUNKHOUSE	month	1.00
SPL-5	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
SPL-6	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



DETAIL OF LIFTING HOOK
SCALE 1 : 10 MTS



STRAIGHT LINE DIAGRAM
NOT DRAWN TO SCALE

AGENCY / OFFICE:

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT

4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
QUINALE-CABASAN ROADWAYS
PHASE-II

PROJECT LOCATION:

Barangay Quinale-Cabasan, Tabaco City

PREPARED BY:

LEO ANGELO G. BATALLER

JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA

OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCO B. BITE

CITY ARCHITECT

RECOMMENDING APPROVAL:

DINDO B. BONGALOSA

OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISSEL LAGMAN-LUSTRO

CITY MAYOR

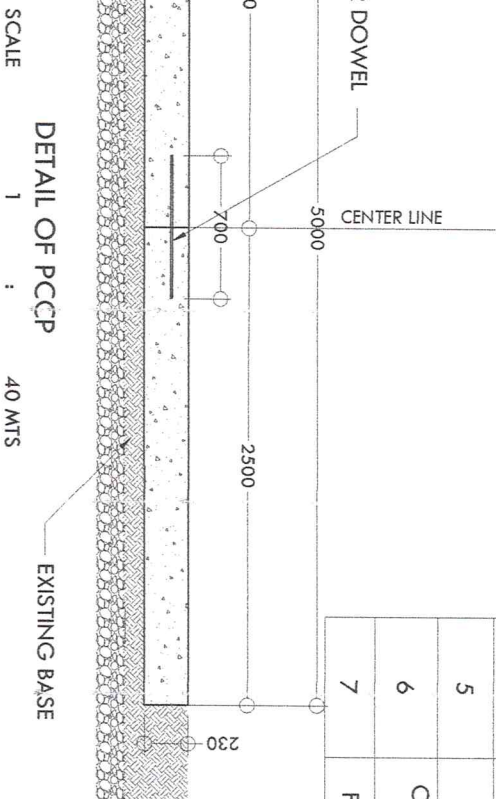
CONTROL No.: REVISIONS:

JULY 2018

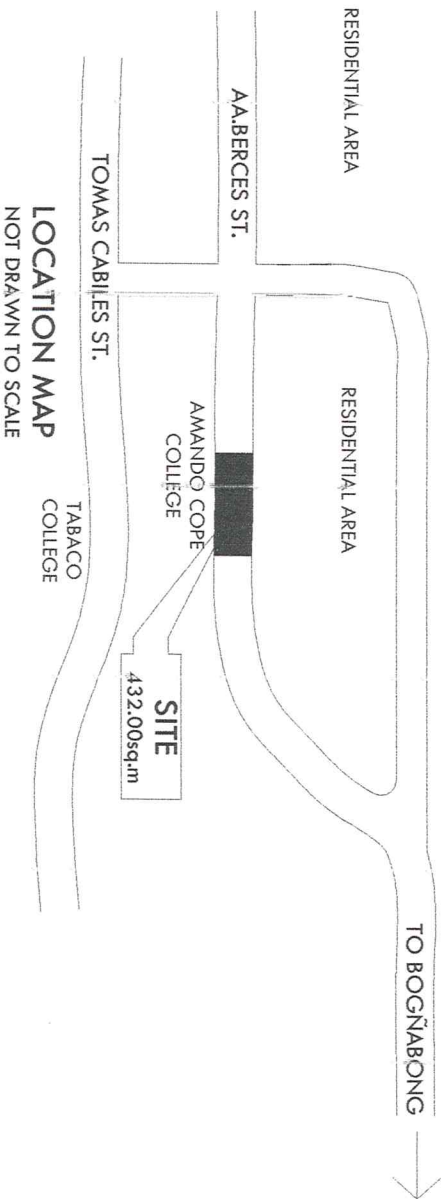
SHEET No.:

1 1

SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
	REHABILITATION/IMPROVEMENT OF ROADWAYS, BARANGAY BARANGHAWON, TABACO CITY-REHABILITATION OF 432.00 Sq.m ROADWAYS		
1	CONCRETE CUTTING AND DEMOLITION OF EXISTING DAMAGED CONCRETE	sq.m	432.00
2	SUB-GRADE PREPARATION	sq.m	432.00
3	PORTLAND CEMENT CONCRETE PAVEMENT(+ : 0.23m)	sq.m	432.00
4	REMOVAL & DISPOSAL OF UNSUITABLE/EXCAVATED MATERIALS	cu.m	58.32
5	BUNKHOUSE	month	1.00
6	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
7	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



DETAIL OF PCCP
SCALE 1 : 40 MTS
EXISTING BASE
RESIDENTIAL AREA



AGENCY/OFFICE:

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT

4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
BARANGHAWON ROADWAYS

PROJECT LOCATION:

Barangay Baranghawon, Tabaco City

PREPARED BY:

LEO ANGELO G. BATALER

JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA

OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCO B. BITE

CITY ARCHITECT

RECOMMENDING APPROVAL:

DINDO B. BONGALOSA

OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISL LAGMAN-LUISTRO

CITY MAYOR

CONTROL No.:

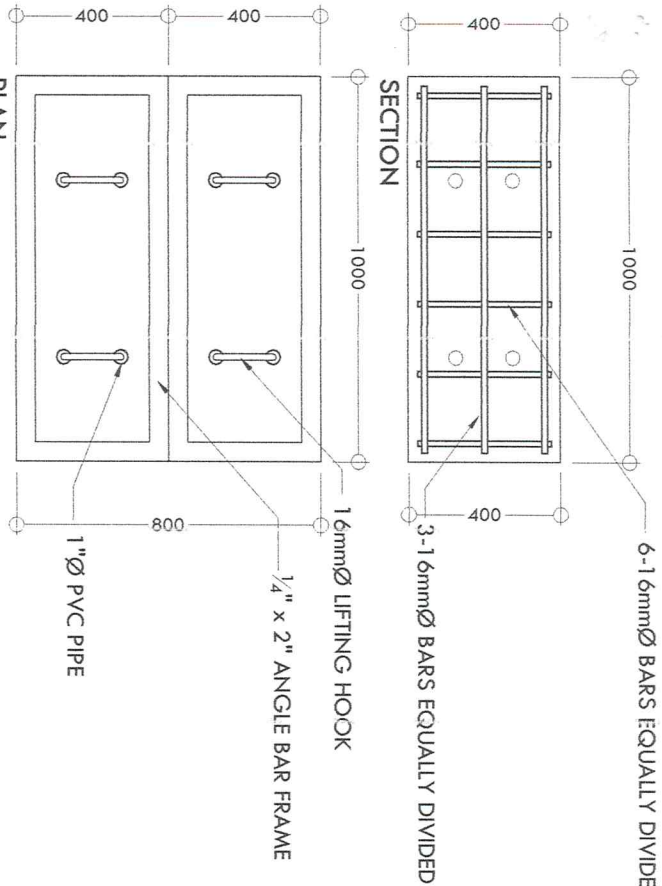
REVISIONS:

JULY 2018

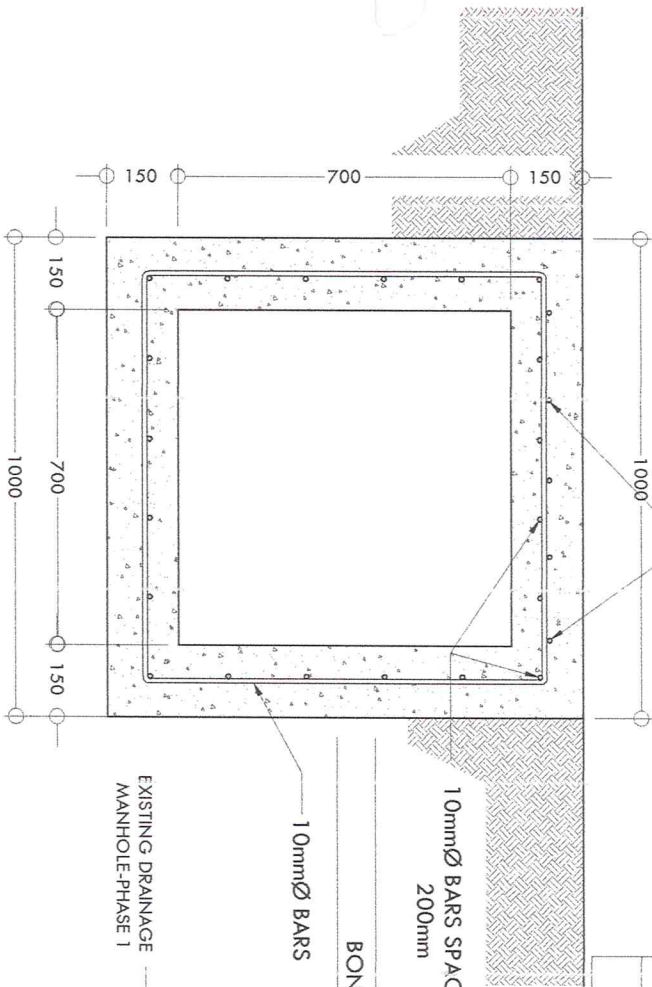
SHEET No.:

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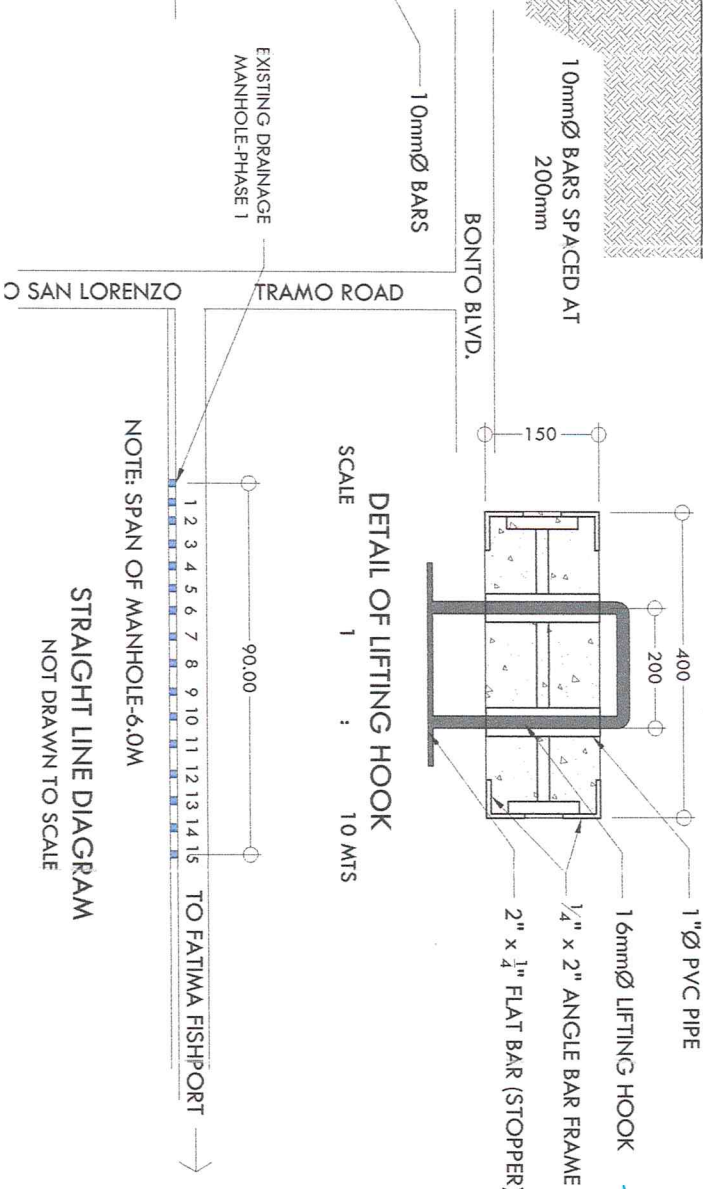
SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
REHABILITATION/IMPROVEMENT OF 90.00m REINFORCED CONCRETE BOX CULVERT CANAL, BARANGAY FATIMA, TABACO CITY			
SPL-1	CONCRETE CUTTING OF EXISTING PCCP AND DEMOLITION OF OBSTRUCTION	sq.m	90.00
103	EXCAVATION FOR STRUCTURES	cum	90.00
404	REINFORCING STEEL	kgs	2,540.61
405	STRUCTURAL CONCRETE	cum	45.90
SPL-2	MANHOLE WITH COVER	unit	15.00
SPL-3	REMOVAL & DISPOSAL OF EXCAVATED MATERIALS	cum	89.10
SPL-4	BUNKHOUSE	month	1.00
SPL-5	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
SPL-6	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



PLAN
DETAIL OF MANHOLE COVER
SCALE 1 : 16 MTS
12mm diameter bars spaced at 200mm



DETAIL OF BOX CULVERT
SCALE 1 : 16 MTS

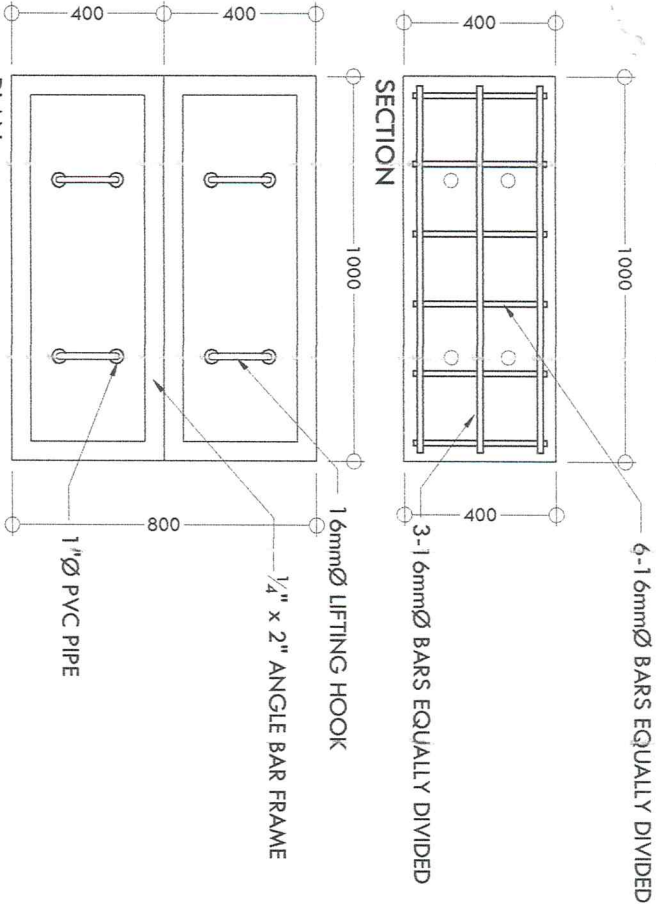


DETAIL OF LIFTING HOOK
SCALE 1 : 10 MTS

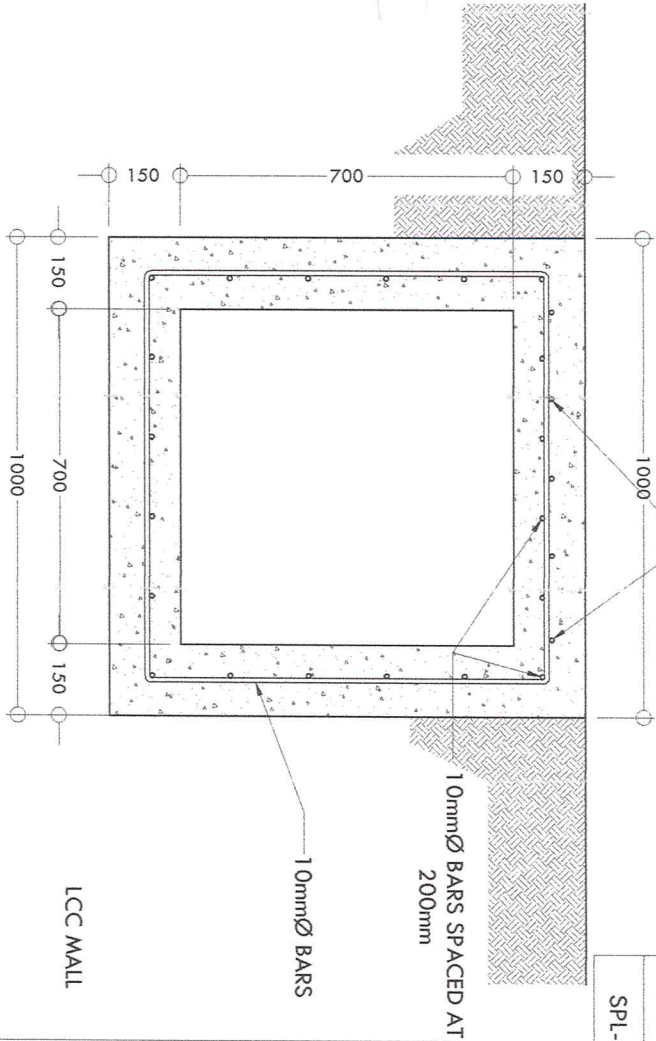
STRAIGHT LINE DIAGRAM
NOTE: SPAN OF MANHOLE-6.0M
NOT DRAWN TO SCALE



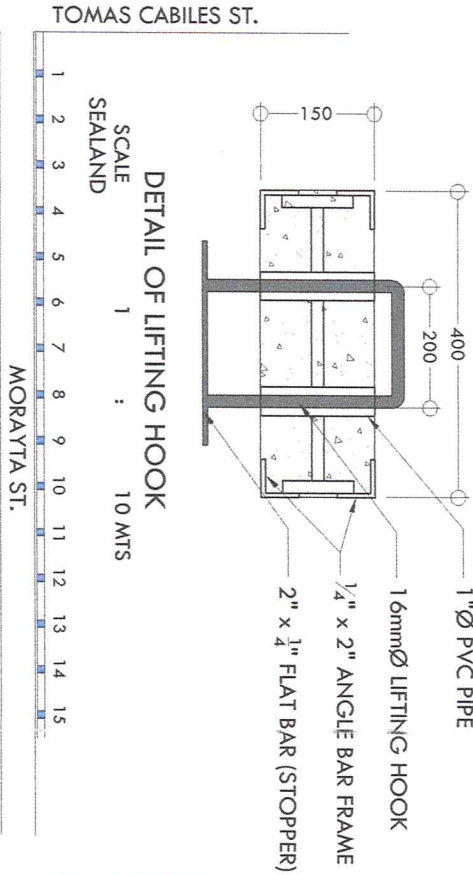
SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
REHABILITATION/IMPROVEMENT OF 90.00lm REINFORCED CONCRETE BOX CULVERT CANAL, BARANGAY SAN JUAN, TABACO CITY			
SPL-1	CONCRETE CUTTING OF EXISTING PCCP AND DEMOLITION OF OBSTRUCTION	sq.m	90.00
103	EXCAVATION FOR STRUCTURES	cum	90.00
404	REINFORCING STEEL	kgs	2,540.61
405	STRUCTURAL CONCRETE	cum	45.90
SPL-2	MANHOLE WITH COVER	unit	15.00
SPL-3	REMOVAL & DISPOSAL OF EXCAVATED MATERIALS	cum	89.10
SPL-4	BUNKHOUSE	month	1.00
SPL-5	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	1.00
SPL-6	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



PLAN
DETAIL OF MANHOLE COVER
SCALE 1 : 16 MTS



DETAIL OF BOX CULVERT
SCALE 1 : 16 MTS

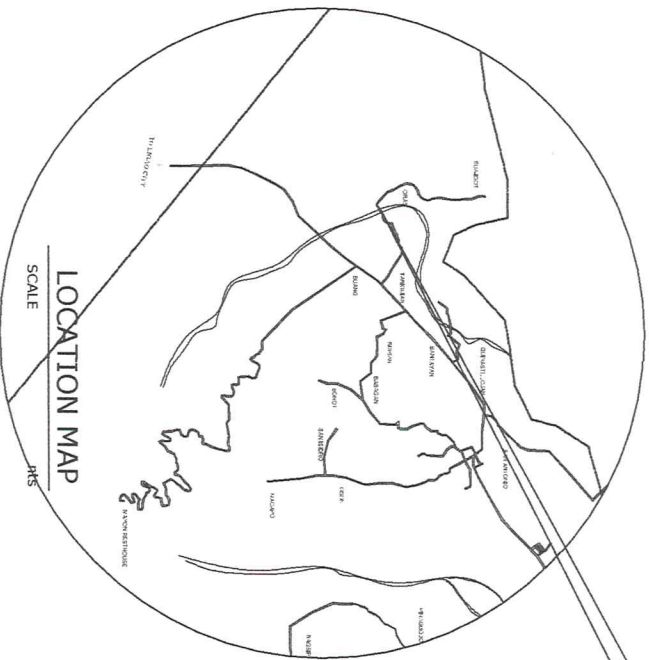


NOTE: SPAN OF MANHOLE-6.0M

Z I G A A V E N U E

CALTEX STRAIGHT LINE DIAGRAM

NOT DRAWN TO SCALE

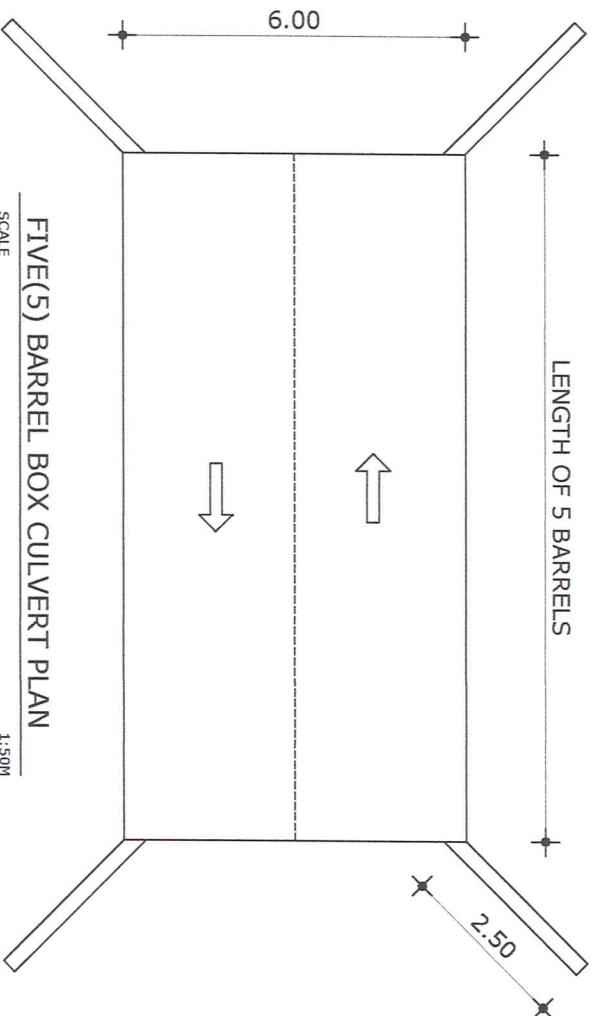


LOCATION MAP
SCALE
mts



VICINITY MAP
SCALE
mts

this SITE



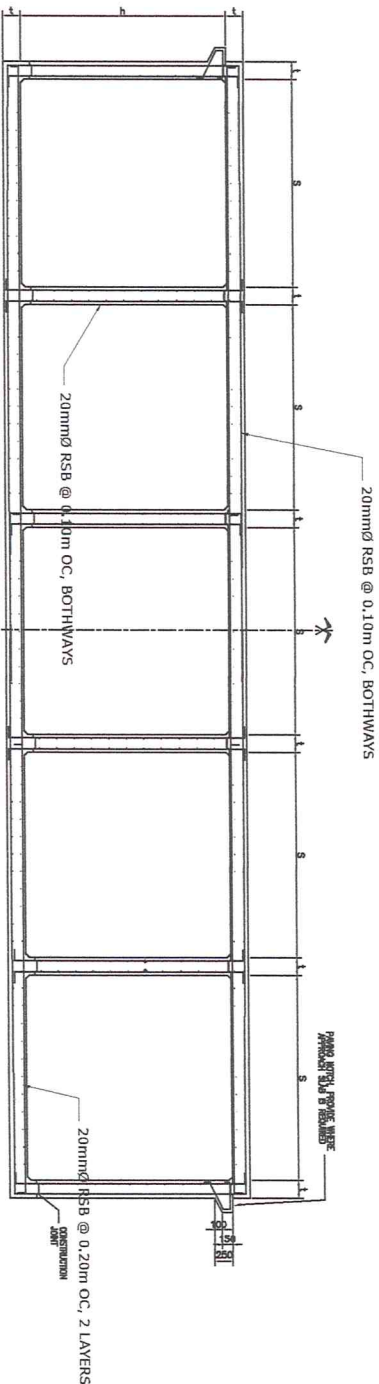
FIVE(5) BARREL BOX CULVERT PLAN

SCALE

1:50M

AGENCY/OFFICE: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY		
OFFICE OF THE CITY ARCHITECT / OFFICE OF THE CITY ENGINEER Ground Floor Mezzanine, City Hall Annex, Tabaco City		
PROJECT TITLE:		
REHAB/IMPROVEMENT OF ORAS BOX CULVERT		
PROJECT LOCATION: Brgy. Oras, Tabaco City		
PREPARED BY:		
LEO ANSELMO G. BATALLER		
CHECKED BY:		
JOB ORDER-CADD		
REVIEWED BY:		
ROLAND B. GARCIA		
OIC-CITY GENERAL SERVICES OFFICE		
RECOMMENDING APPROVAL:		
FRANCO B. RITE		
CITY ARCHITECT		
APPROVED BY:		
DINDO B. BONGALOSA		
OIC-CITY ENGINEER		
Hon. CIELO KRISSEL LAGMAN-LUISTRO		
CITY MAYOR, TABACO CITY		
CONTROL No.: 2018		
REVISIONS:		
SHEET No.:		
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SPAN	HEIGHT	t
s	h	
3000	3000	300



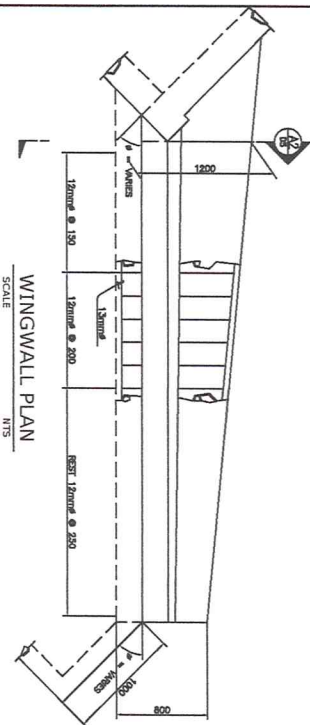
SECTION DETAIL OF SPILLWAY

SCALE 1:100M

AGENCY/OFFICE: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY		
OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER Ground Floor Mezzanine, City Hall Annex, Tabaco City		
PROJECT TITLE: REHABILITATION/IMPROVEMENT OF ORAS BOX CULVERT		
PROJECT LOCATION: Brgy. Oras, Tabaco City		
PREPARED BY: LEO ANGELO G. BATALLER JOB ORDER-CADD		
CHECKED BY: ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE		
REVIEWED BY: FRANCO B. BITE CITY ARCHITECT		
RECOMMENDING APPROVAL: DINDO B. BONGALOSA OIC-CITY ENGINEER		
APPROVED BY: Hon. CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR, TABACO CITY		
CONTROL No.: 2018		
SHEET No.: 2 3		

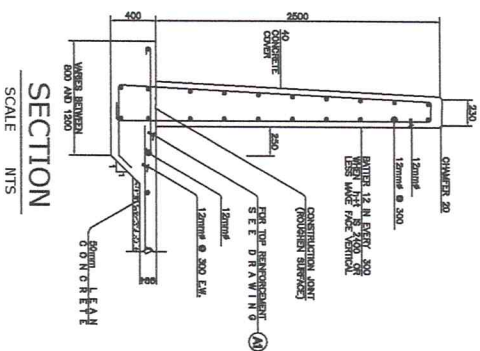
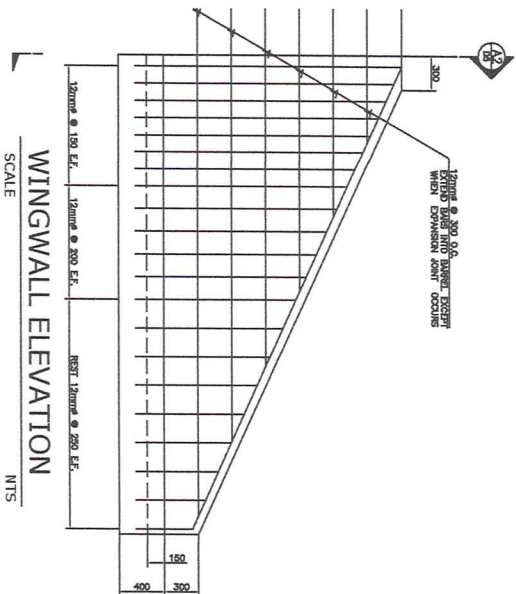
GENERAL NOTES:

- DESIGN LOAD:
LIVE LOAD HS-18 (HS 20-44)
- CONCRETE:
ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSION STRENGTH f'_c OF 28 MPa (4050 PSI). ALL CONCRETE SHALL BE CASTED IN PLACE AND CONSTRUCTION JOINTS SHALL BE LOCATED AT THE BOTTOM OF THE WALL. THE TOP OF THE WALL SHALL BE FINISHED TO A FINISH SURFACE TO BE DETERMINED BY THE ENGINEER.
- STEEL REINFORCEMENT:
ALL REINFORCING STEEL TO BE INTERMEDIATE (GRADE 40) ASTM A-615 WITH DEFORMATIONS CONFORMING TO ASTM A-305.
- GENERAL:
IN GENERAL, REINFORCING STEEL SHALL BE PLACED AT THE TOP OF THE WALL. THE TOP OF THE WALL SHALL BE FINISHED TO A FINISH SURFACE TO BE DETERMINED BY THE ENGINEER.
- LIVE LOAD DISTRIBUTION REINFORCEMENT:
WHERE THERE IS LESS THAN 1000 MM OF FILL ABOVE TOP SLAB OF CLAUSET, ADDITIONAL REINFORCEMENT SHALL BE PROVIDED TO THE MAIN REINFORCEMENT AS NOTED TO THE BOTTOM OF THE TOP SLAB IN ACCORDANCE WITH ASTM 1.3.2.



HORIZONTAL SKEW ANGLE α	LENGTH OF WINGWALLS
60°	$L_1 = L_2 = 1.414L$
60°	$L_1 = 1.414L$ $L_2 = 1.035L$
45°	$L_1 = 2.000L$ $L_2 = 0$

WHERE:
 $L = 1.5 (H+800)$ FOR SLOPE 1:4
 $L = 2.0 (H+800)$ FOR SLOPE 2:1



CULVERT WINGWALL DETAILS

SCALE

AS SHOWN

AGENCY/OFFICE:

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT/
OFFICE OF THE CITY ENGINEER

Ground Floor Mezzanine, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
OPAS BOX CULVERT

PROJECT LOCATION:

Brig. Cruz, Tabaco City

PREPARED BY:

LEO ANGELO G. BATALLER

JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA

OIC-CITY GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCO B. BITE

CITY ARCHITECT

RECOMMENDING APPROVAL:

DIADO B. BONGALOSA

OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISSEL LAGMAN-LUISTRO

CITY MAYOR, TABACO CITY

CONTROL No.: REVISIONS:

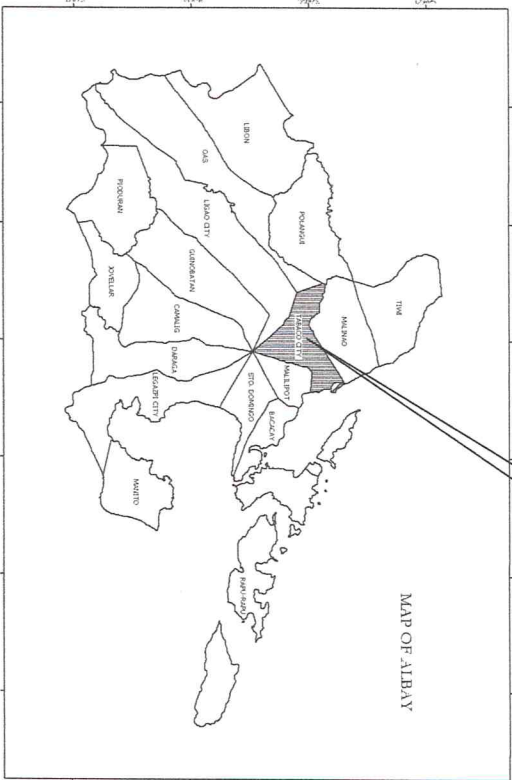
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SHEET No.:

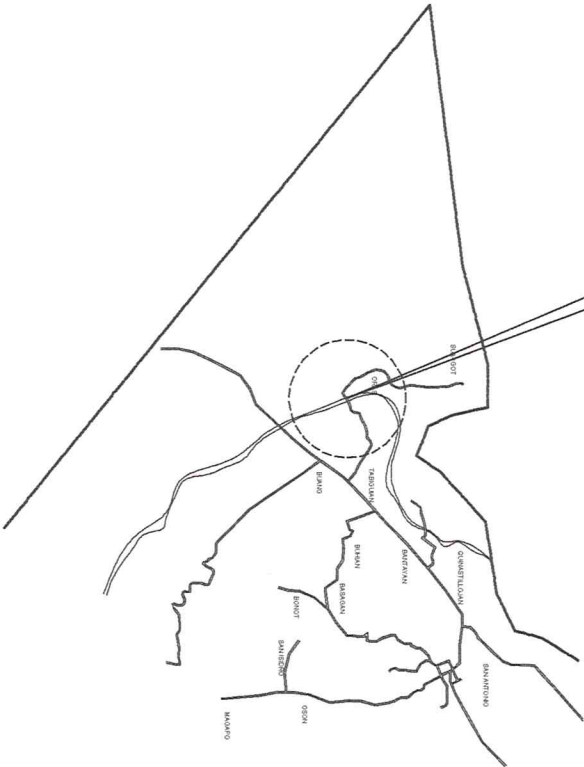
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THIS SITE

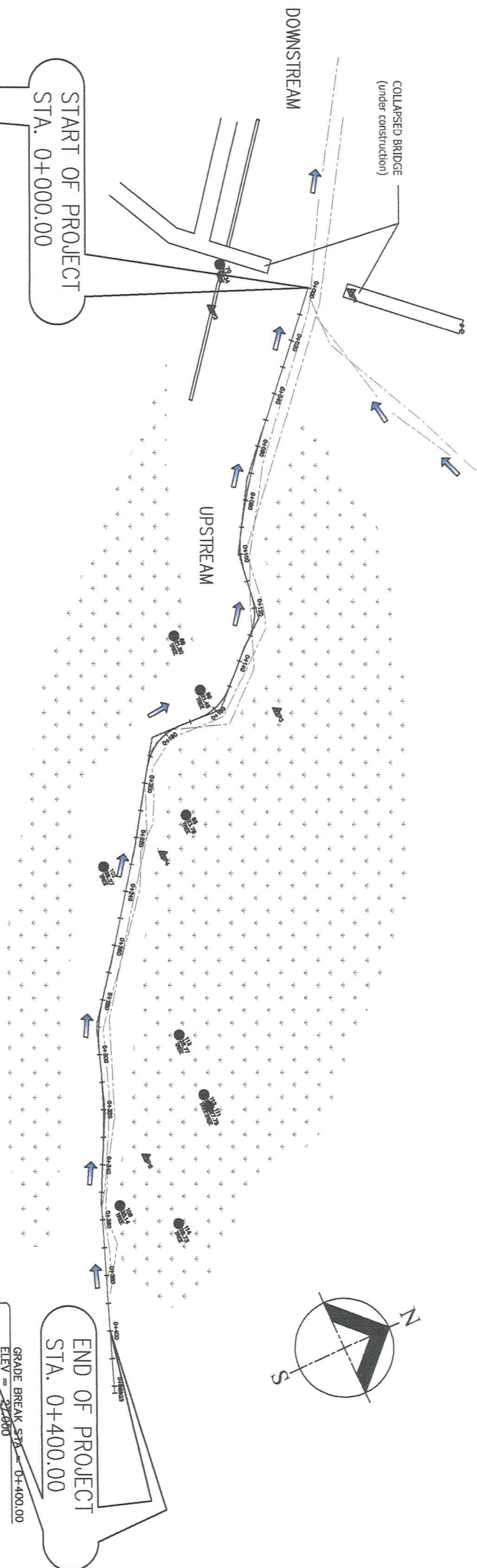


LOCATION MAP
SCALE NTS

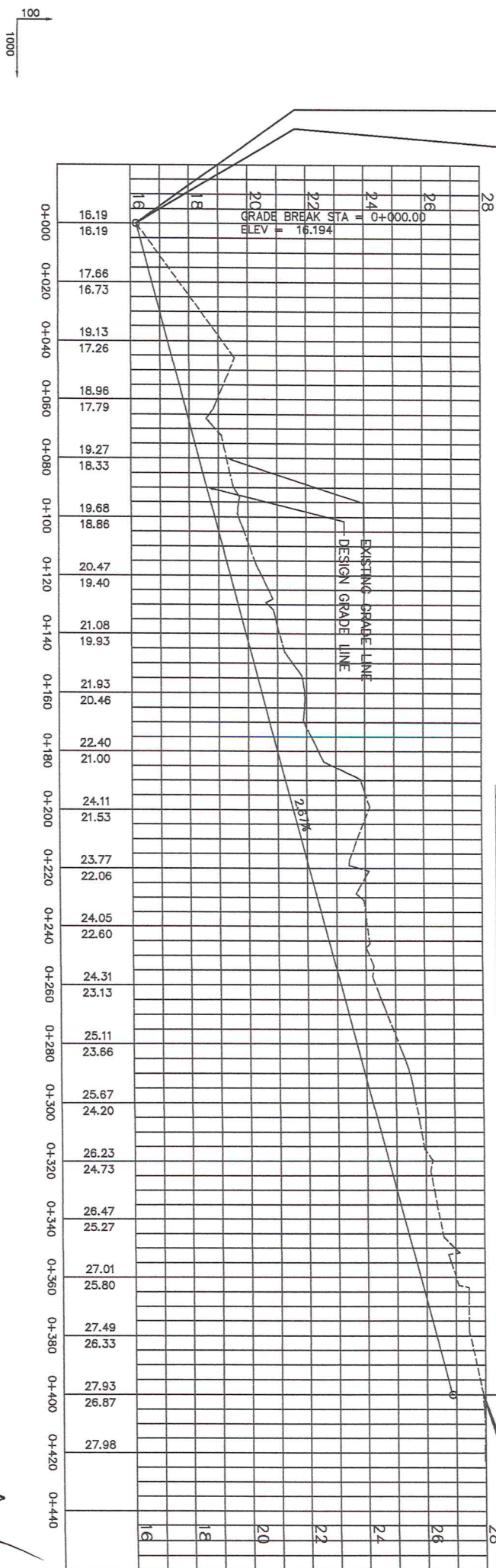


SITE MAP
SCALE NTS

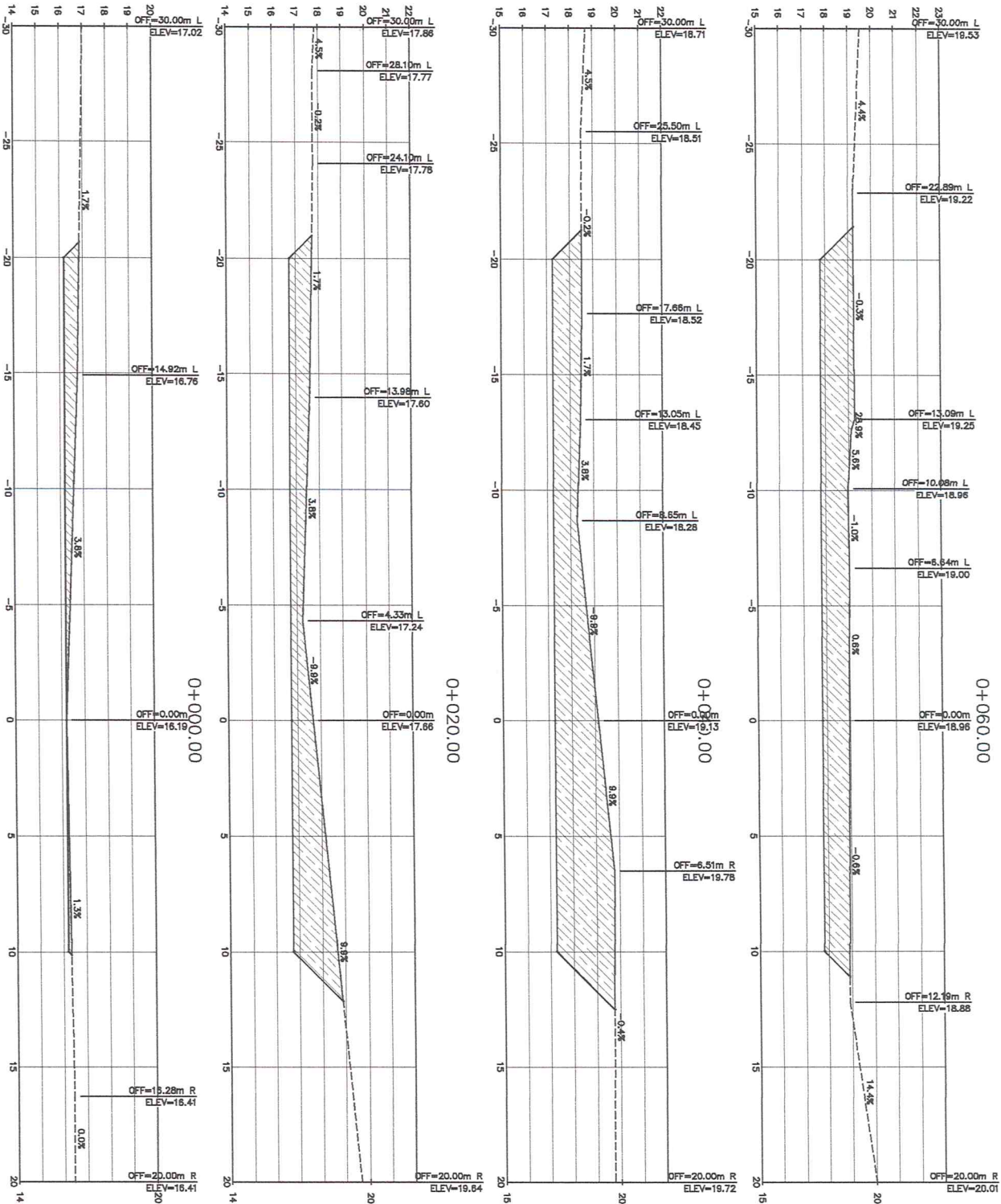
AGENCY:	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:
<div><div></div><div>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY</div></div> <div><div></div><div>OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER</div></div> <div>GABRIEL STONES CITY HALL 1, ANNEK RIVER DRNG TABACO CITY 4511</div>	REHAB/IMPROVEMENT OF ORAS BOX CULVERT	LEO ANGELUS G. BATALLER AUTODOWN OPERATIONS DEPARTMENTMAN JO	ROLAND B. GARCIA IOC-CITY GENERAL SERVICES OFFICE	FRANCO B. BITE CITY ARCHITECT	DINDO B. BONGALOSA CIC-CITY ENGINEER	CIELO KRISTEL LAGMAN-LUISTRO CITY MAYOR	



QUINALE RIVER PROFILE

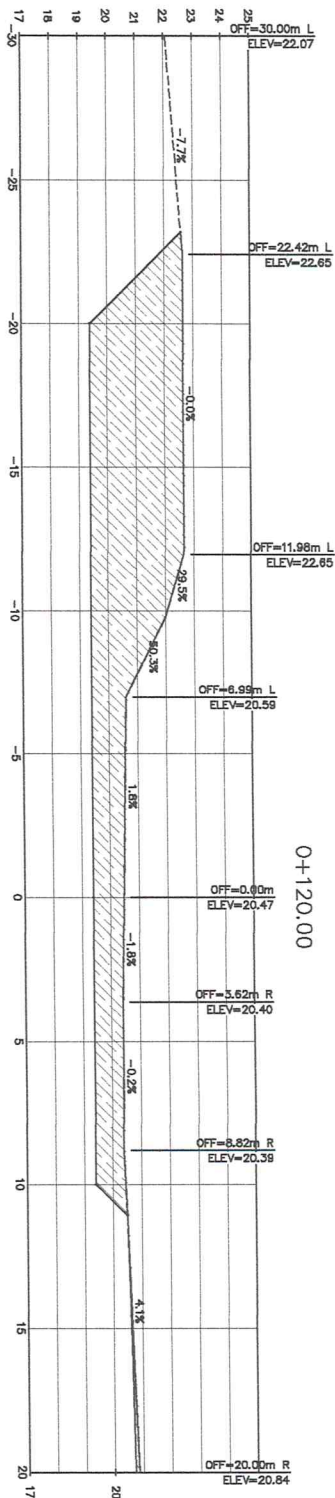
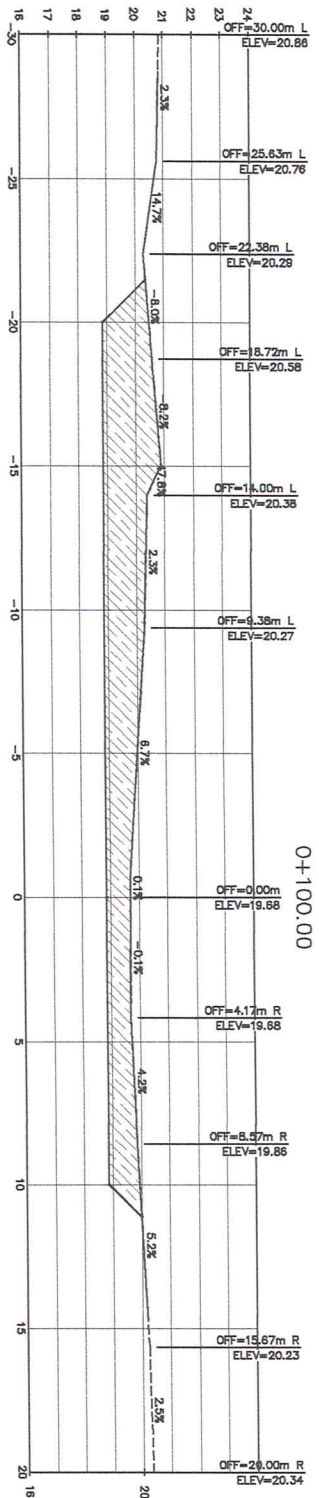
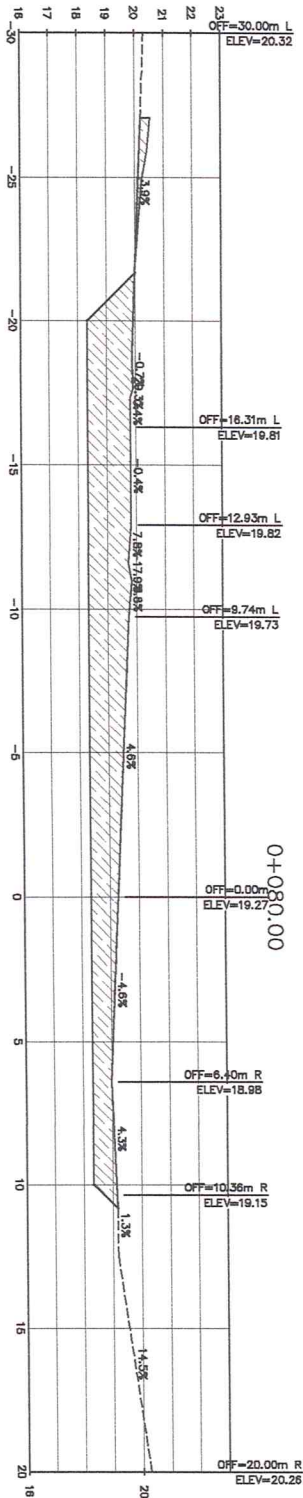


AGENCY: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY		PROJECT TITLE: REHAB/IMPROVEMENT OF ORAS BOX CULVERT		SURVEYED & CAD BY: LEO ANGELO S. BATALLER AUTOCAD/INTERIOR DESIGNER, JO		PREPARED BY: ROLAND B. GARCIA CITY ENGINEER		CHECKED BY: FRANCISCO B. BITE CITY ARCHITECT		REVIEWED BY: DINNO B. BONGALOSA CITY ENGINEER		APPROVED BY: CIELO KRISTEL LAGMAN-LUISTRO CITY MANOR		SHEET NO.:	
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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 ORAS BOX CULVERT	LEO ANGELO S. BATALLER AUTOCAD OPERATOR/DEPARTMENTAL JO	ROLAND B. GARCIA CITY ENGINEER	FRANCO B. BUTE CITY ARCHITECT	DINDO B. BONGALOSA CITY ENGINEER	CIELO KRISSEL LAGMAN-LUSTRIO CITY MAYOR	

AGENCY:	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:
<div>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABAGO TABAGO CITY-ALBAY</div>	REHAB/IMPROVEMENT OF ORAS BOX CULVERT						
<div>OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER</div>							
<div>GROUND FLOOR, CITY HALL ANNEX BUILDING, TABAGO CITY 4511</div>	LOCATION: Brig. Oras, Tabago City	LEO ANGULO, JR. BATTALLER AUTOCAD & REVIT DESIGNSMAN, JO	ROLAND B. GARCIA CITY GENERAL SERVICES OFFICE	FRANCO B. RITE CITY ARCHITECT	DINDO B. BONGALOSA CITY ENGINEER	CIELO KRISSEL LAGMAN-LUISTRO CITY MANOR	



AGENCY:

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT/
OFFICE OF THE CITY ENGINEER

OFFICE OF THE CITY ENGINEER
GROUND FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511

PROJECT TITLE:

REHAB/IMPROVEMENT OF ORAS
BOX CULVERT

SURVEYED & CAD BY:

LEO ANGELO S. BATALLER

AUTOCAD OPERATOR/DRAFTSMAN, JO

PREPARED BY:

ROLAND B. GARCIA

COIC-CITY GENERAL SERVICES OFFICE

CHECKED BY:

FRANCO B. BITE

CITY ARCHITECT

REVIEWED BY:

DINDO B. BONGALOSA

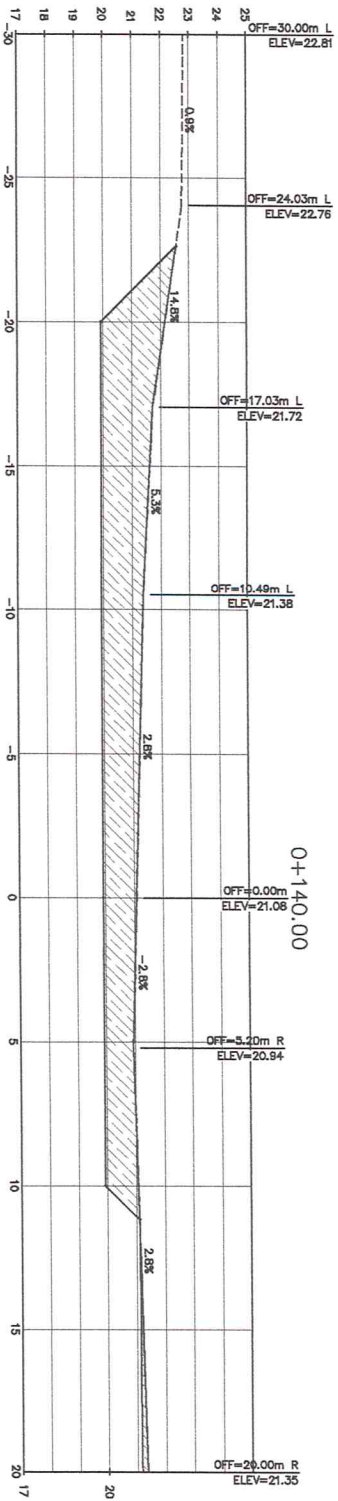
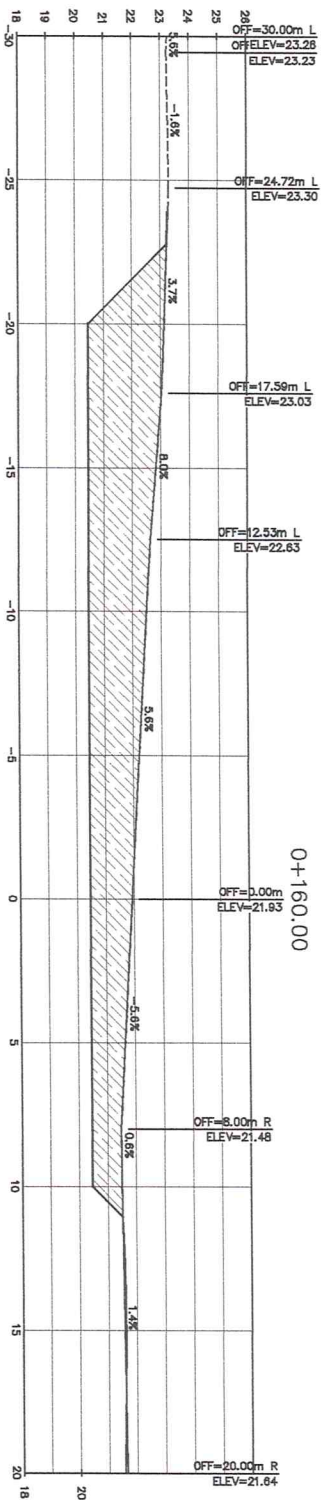
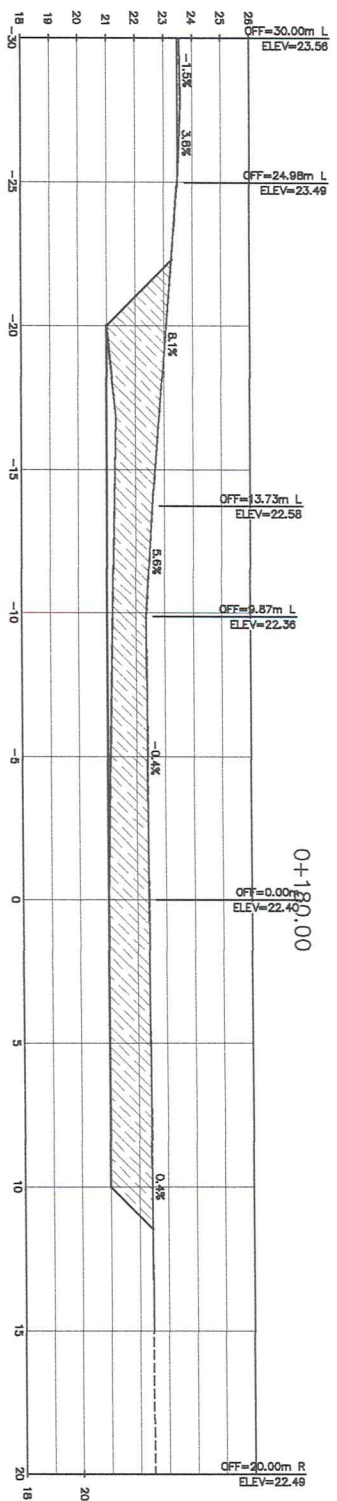
QIC-CITY ENGINEER

APPROVED BY:

CIELO KRISSEL LAGMAN-LUISTRO

CITY MAYOR

SHELL INC.



REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT/
OFFICE OF THE CITY ENGINEER
GROUND FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511

REHAB/IMPROVEMENT OF ORAS
BOX CULVERT

LOCATION: Brgy. Oras , Tabaco City

LEO ANGELO G. BATTALLER

AUTOCAD OPERATOR/DRAFTSMAN, JO

ROLAND B. GARCIA

INDICITY GENERAL SERVICES OFFICE

FRANCO B. BITE

CITY ARCHITECT

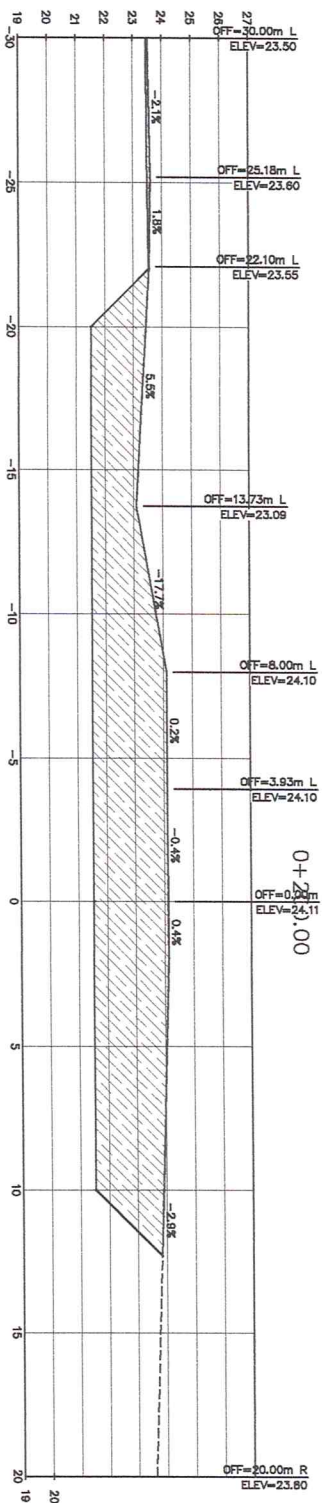
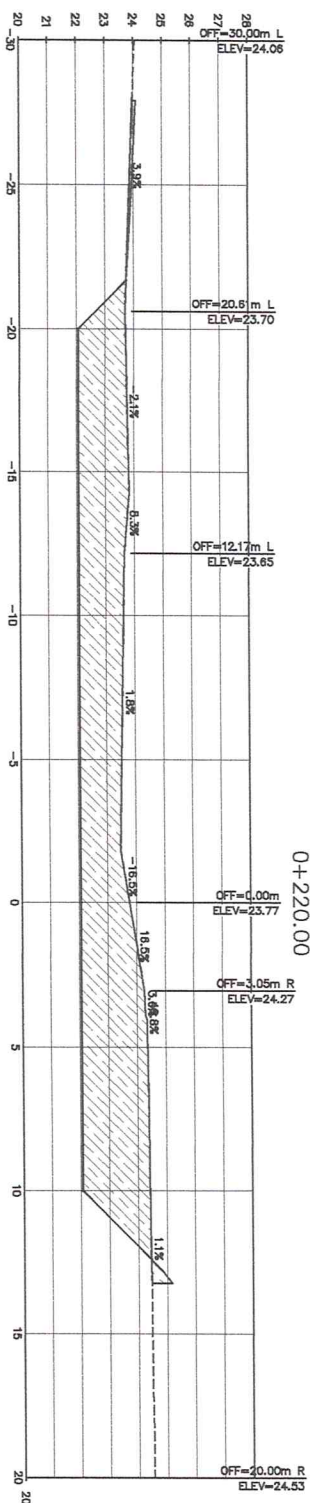
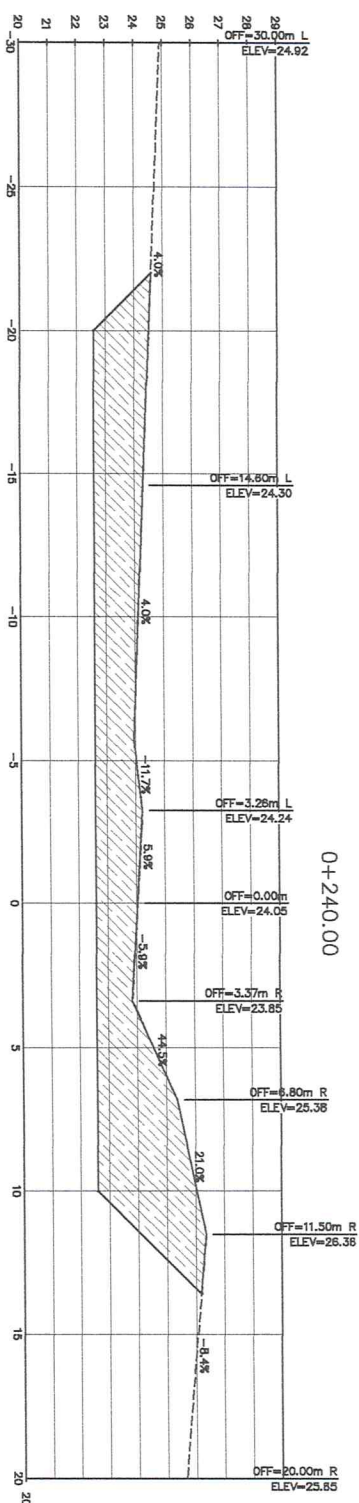
DINDO B. BONGALOSA

DIC-CITY ENGINEER

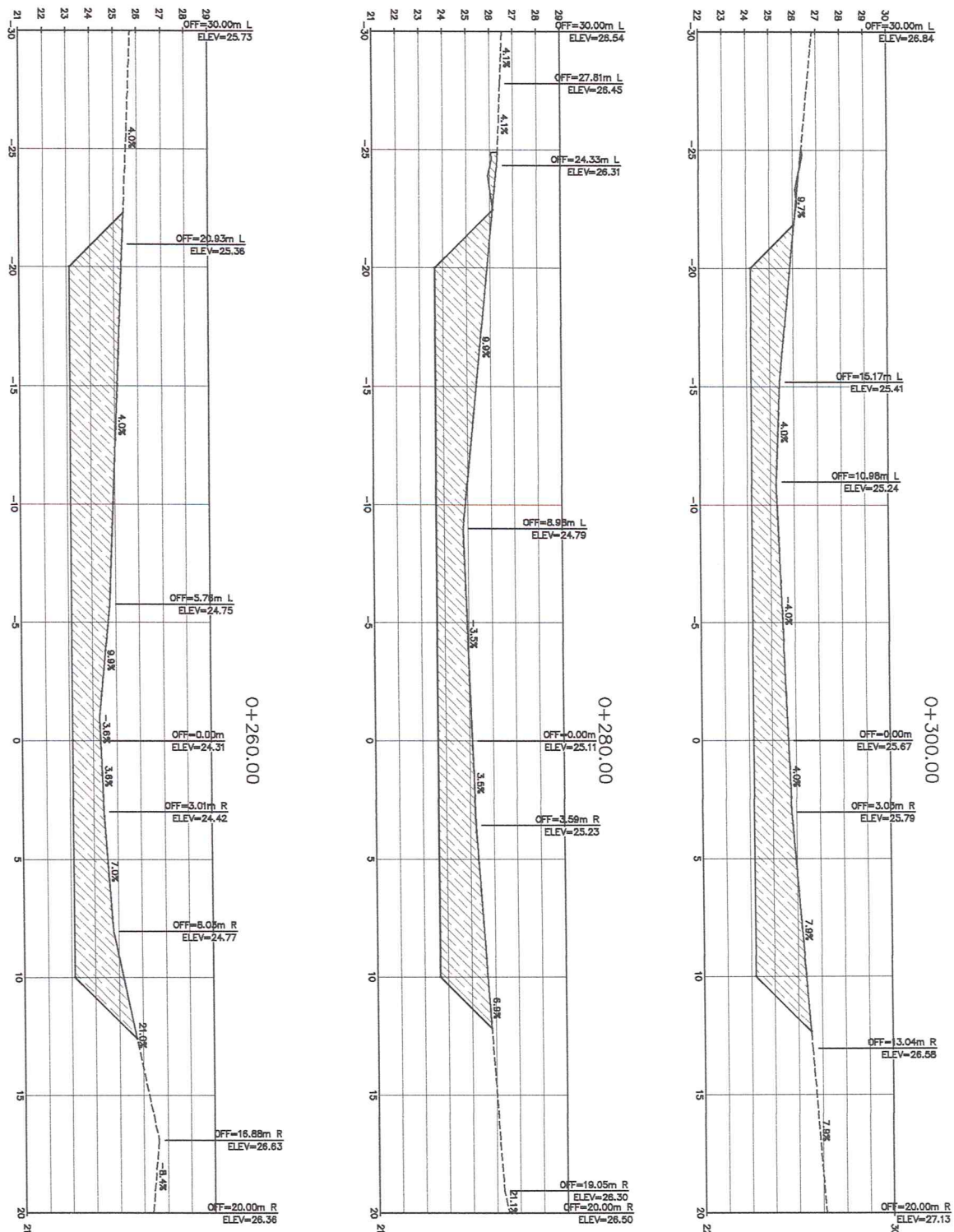
CIELO KRISTEL LAGMAN-LUISTRO

CITY MAYOR

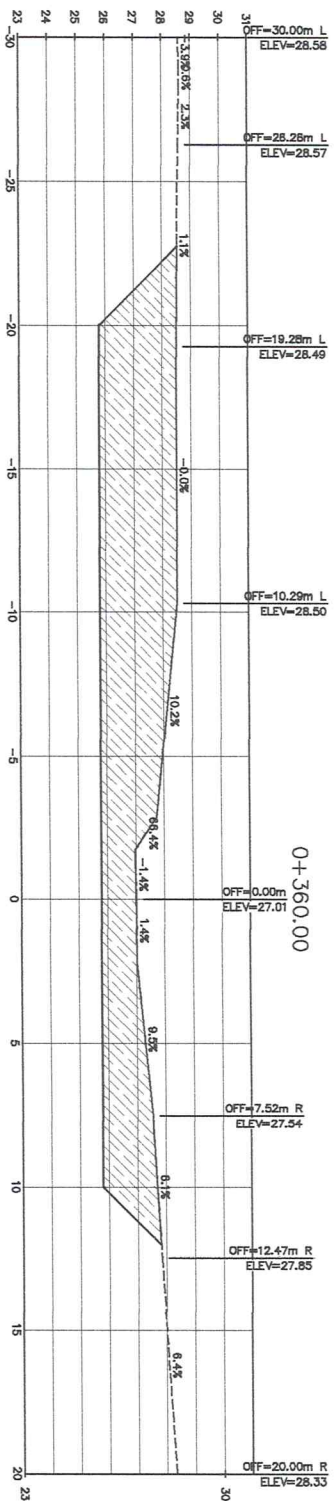
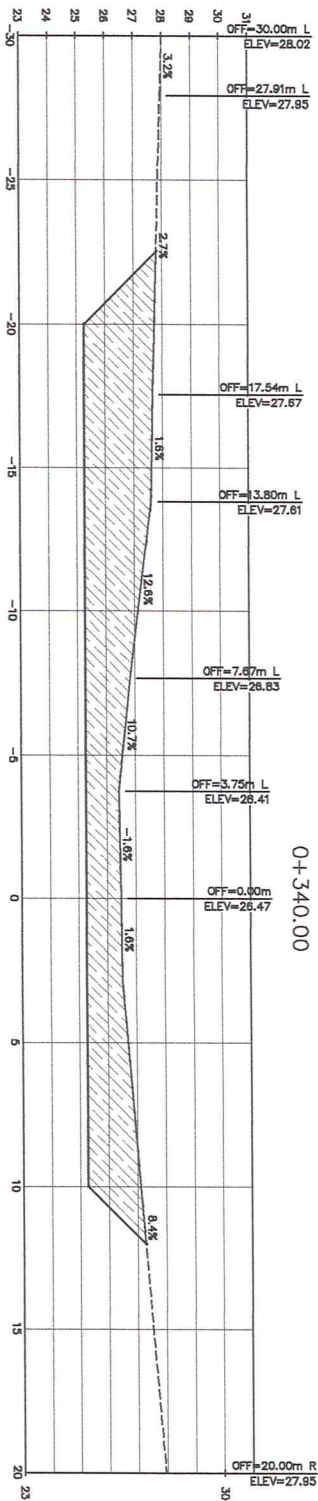
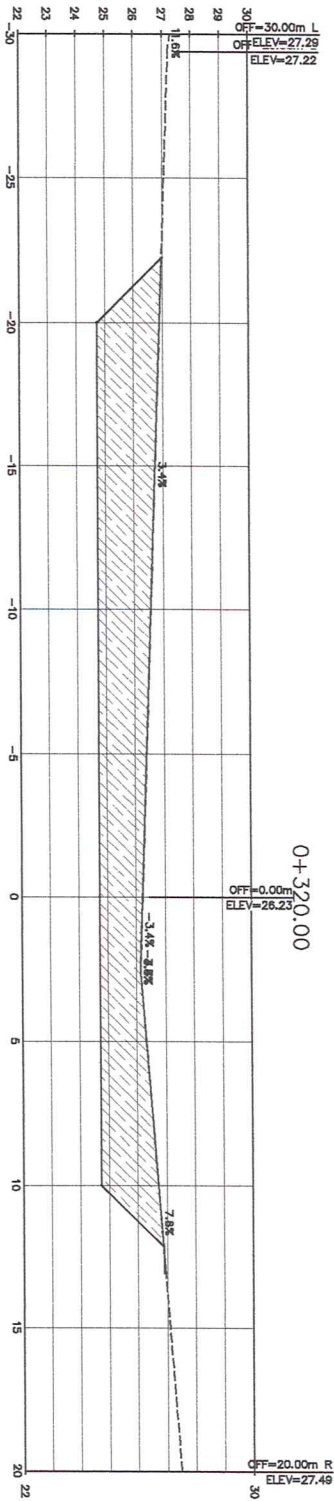
SHEET NO.:



AGENCY:	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:
<div><div></div><div>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAN</div></div>	REHAB/IMPROVEMENT OF ORAS BOX CULVERT	LEO ANGEL G. BATALLER AUTOCAD OPERATOR/DEPT/MSMNL JO	ROLAND B. GARCIA CIC-CITY GENERAL SERVICES OFFICE	FRANCO B. BITE CITY ARCHITECT	DINDO B. BONGALOSA CIC-CITY ENGINEER	CIELO KRISIEL LAGMAN-LUISTRO CITY MAJOR	
OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER GROUND FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511	LOCATION: Brgy. Oras, Tabaco City						



AGENCY:	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:
<div>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY</div>	REHAB/IMPROVEMENT OF ORAS BOX CULVERT	LEO ANGULO S. BATALLER AUTOCAD OPERATING RAFTSWAN .J0	ROLAND B. GARCIA QC-CITY/GENERAL SERVICES OFFICE	FRANCO B. BITE CITY ARCHITECT	DINDO B. BONGALOSA QC-CITY ENGINEER	CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR	
<div>OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER GROUND FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511</div>	LOCATION: Brgy. Oras , Tabaco City						





REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACCO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT
OFFICE OF THE CITY ENGINEER

GROUND FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-451

PROJECT TITLE:

REHAB/IMPROVEMENT OF ORAS
BOX CULVERT

LOCATION: Brgy. Oras , Tabaco City

SURVEYED & CAD BY:

LEO ANGELO G. BATAILLER

AULOCAD OF ~~THE~~ CRUISE AT ISWAN, JO

PREPARED BY:

ROLAND B. GARCIA

COMMUNITY GENERAL SERVICES OFFICE

CHECKED BY:

FRANCO B. BITE

UNIT 1

REVIEWED BY:

DINDO B. BONGALOSA

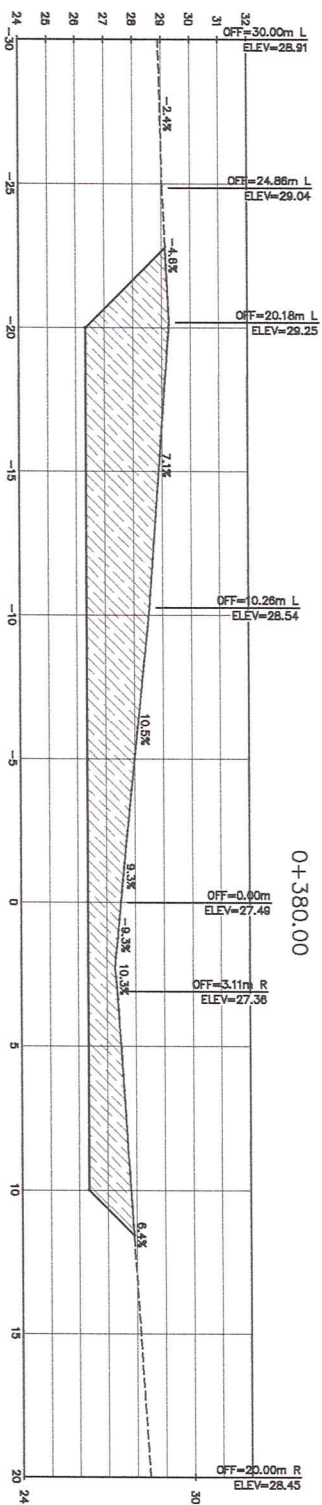
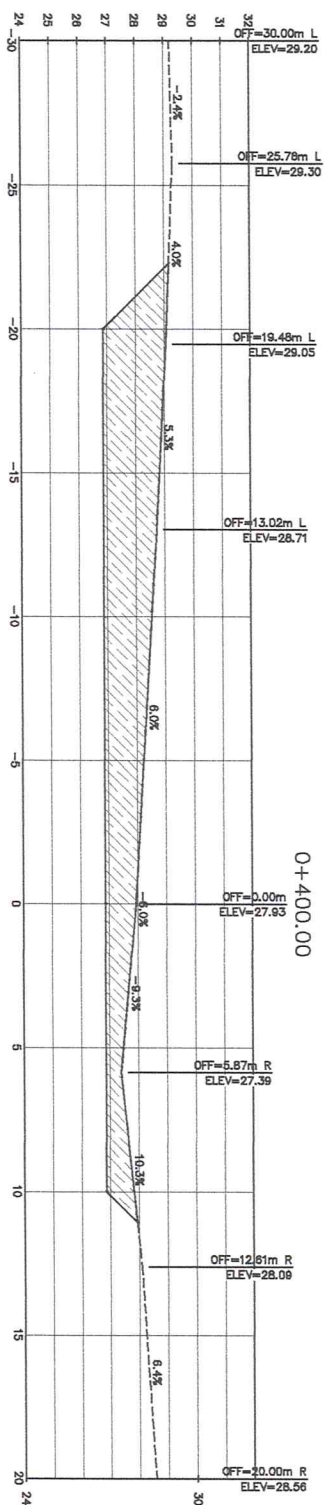
010-011 ENVIRONMENT

APPROVED BY /

CIELO KRISE / LAGMAN-LUISTRO

1	1
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OFFICE NO.:	
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02

AGENCY/OFFICE:

REPUBLIC OF THE PHILIPPINES
LOCAL GOVERNMENT UNIT OF TABACO
TABACO CITY-ALBAY

OFFICE OF THE CITY ARCHITECT

4th Floor, City Hall Annex, Tabaco City

PROJECT TITLE:

REHABILITATION/IMPROVEMENT OF
COMMON BRIDGE APPROACH

PROJECT LOCATION:

Barangay Comon, Tabaco City

PREPARED BY:

LEO ANGEL G. BATALLER

JOB ORDER-CADD

CHECKED BY:

ROLAND B. GARCIA

OIC-GENERAL SERVICES OFFICE

REVIEWED BY:

FRANCO B. BITE

CITY ARCHITECT

RECOMMENDING APPROVAL:

DINDO B. BONGALOSA

OIC-CITY ENGINEER

APPROVED BY:

Hon. CIELO KRISSEL LAGMAN-LUISTRO

CITY MAYOR

CONTROL No.:

REVISIONS:

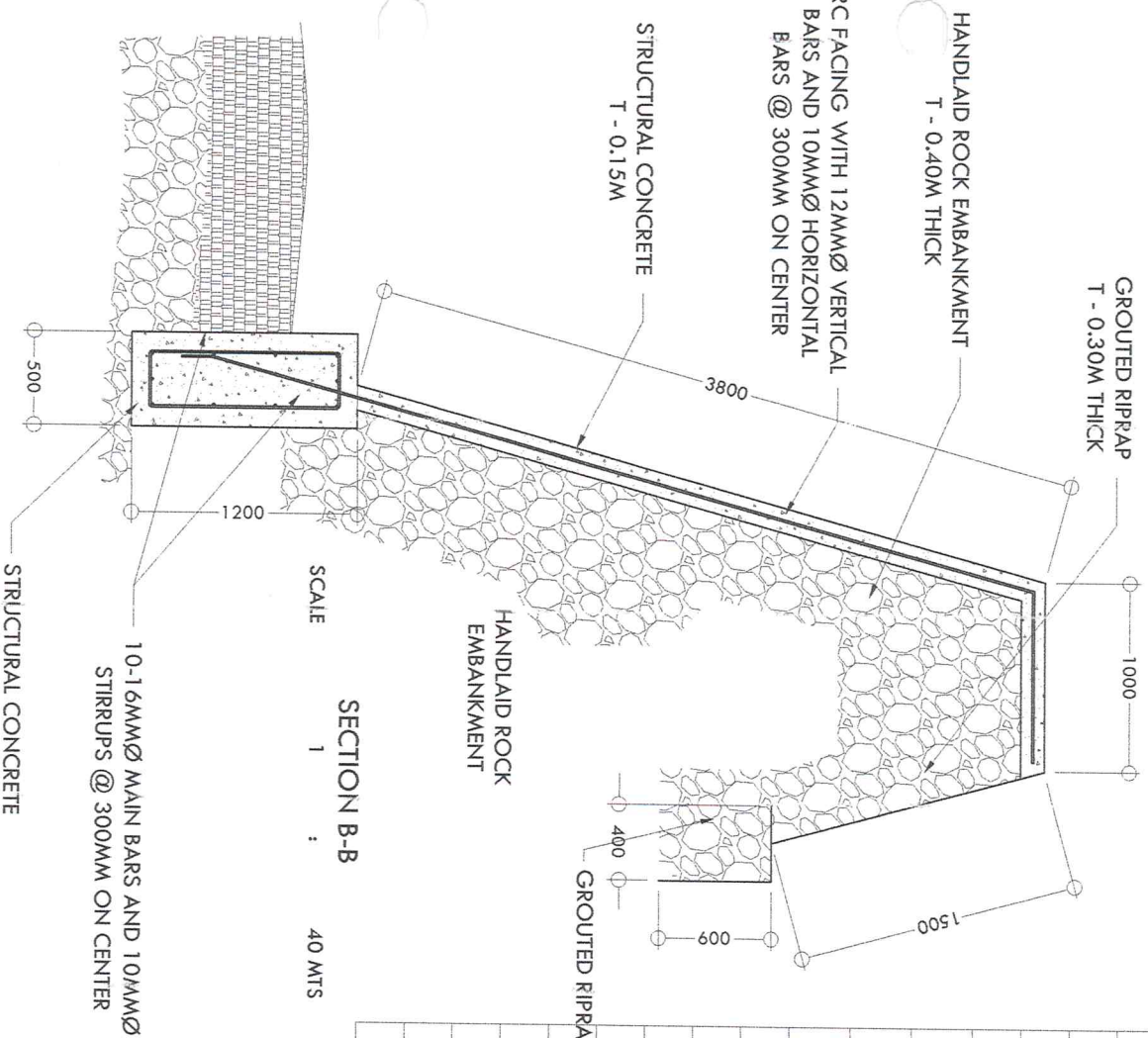
JULY 2018

SHEET No.:

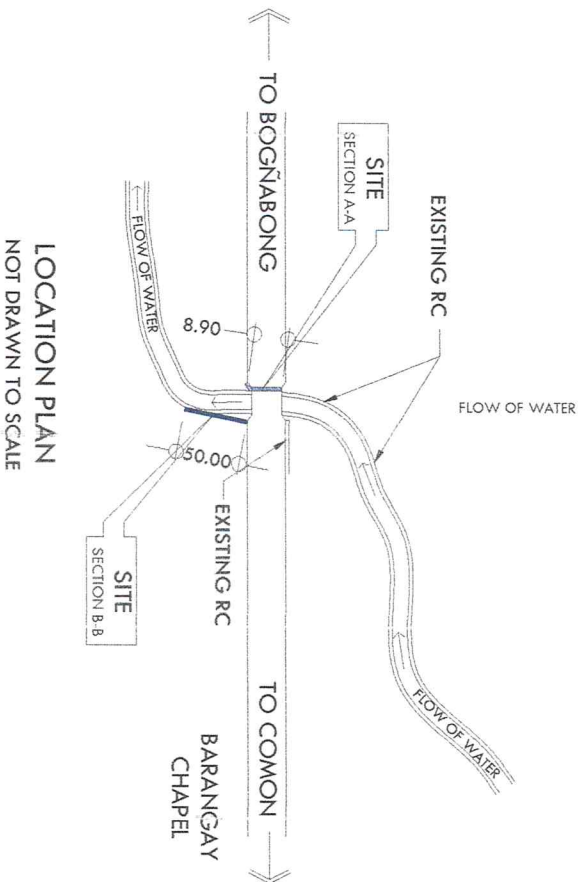
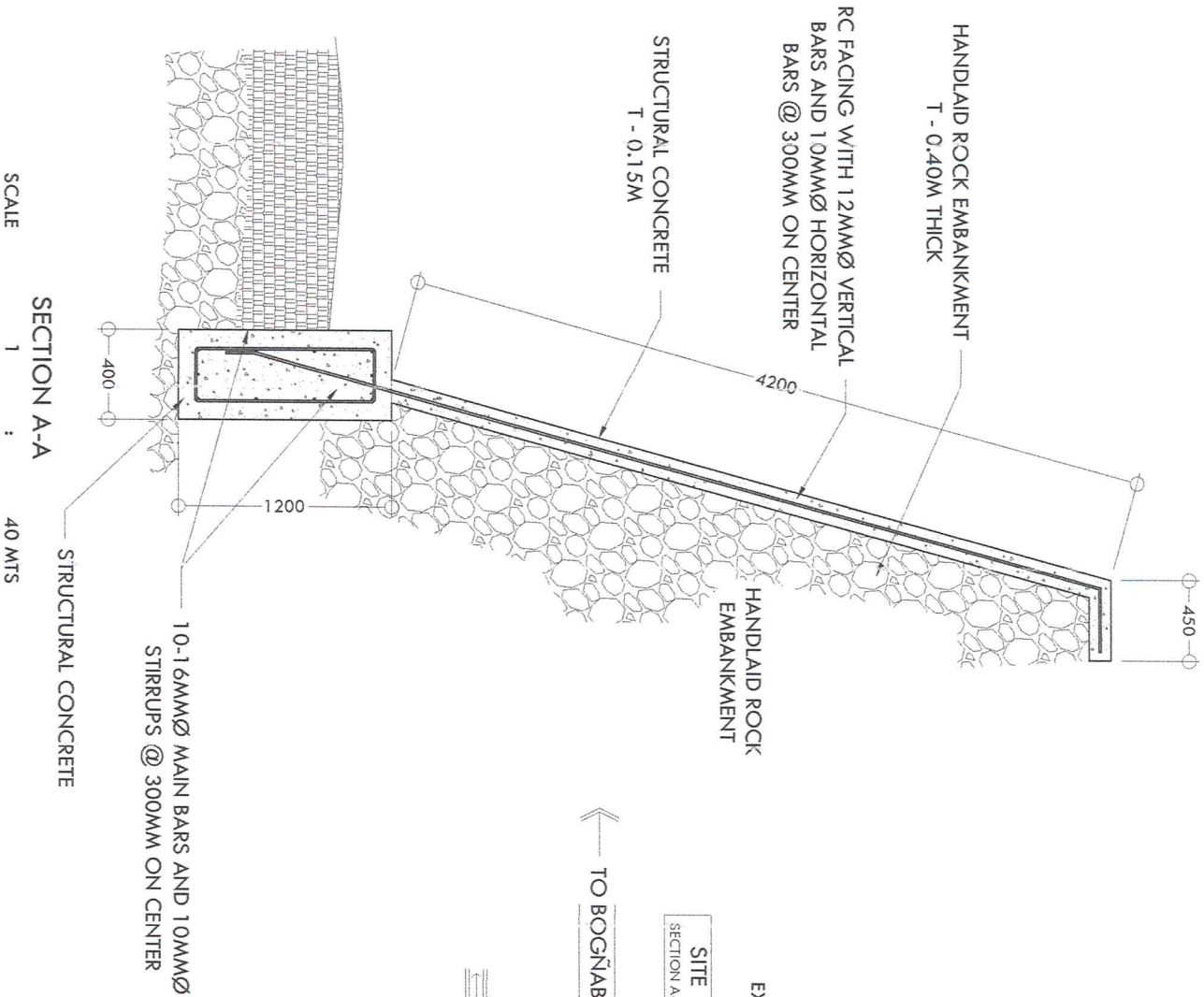
1 2

SUMMARY OF QUANTITIES

ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
REHABILITATION/IMPROVEMENT OF COMON BRIDGE APPROACH, BARANGAY COMON, TABACO CITY			
SECTION A-A (8.90 Lm RIVER CONTROL)			
SPL-1	CLEARING AND DEMOLITION WORKS	cum	390.00
103	EXCAVATION FOR STRUCTURES	cum	163.80
404	REINFORCING STEEL BARS	kgs	8,153.23
405	STRUCTURAL CONCRETE	cum	195.98
516	HANDLAID ROCK EMBANKMENT	cum	314.60
SPL-2	BUNKHOUSE	month	3.00
SPL-3	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	month	3.00
SPL-4	FAB./INSTALLATION BILLBOARDS	unit	1.00
SECTION B-B (50.00 Lm RIVER CONTROL)			
SPL-1	CLEARING AND DEMOLITION WORKS	cum	390.00
103	EXCAVATION FOR STRUCTURES	cum	163.80
404	REINFORCING STEEL BARS	kgs	8,153.23
405	STRUCTURAL CONCRETE	cum	195.98
516	HANDLAID ROCK EMBANKMENT	cum	195.98
504	GROUTED RIPRAP	cum	195.98

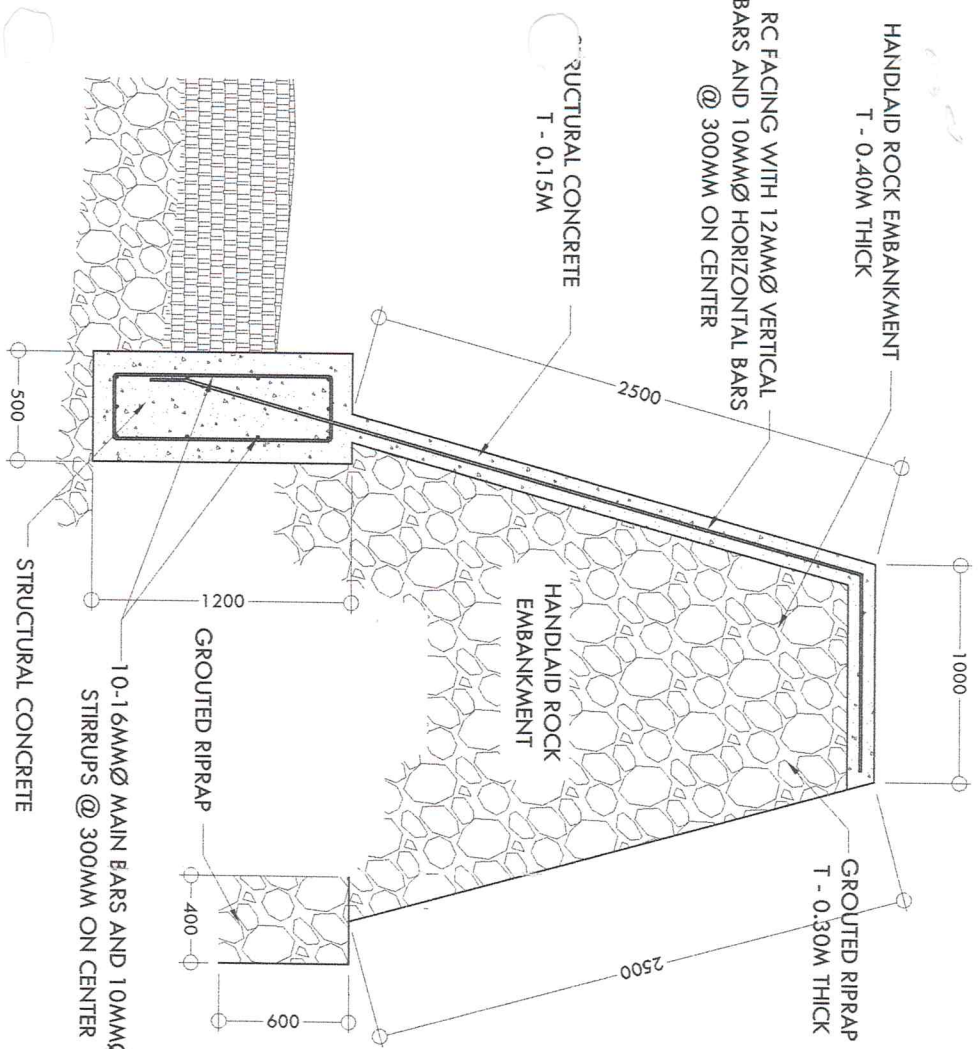


SECTION B-B
SCALE 1 : 40 MTS
DETAIL OF RIVER CONTROL
SCALE 1 : 40 MTS

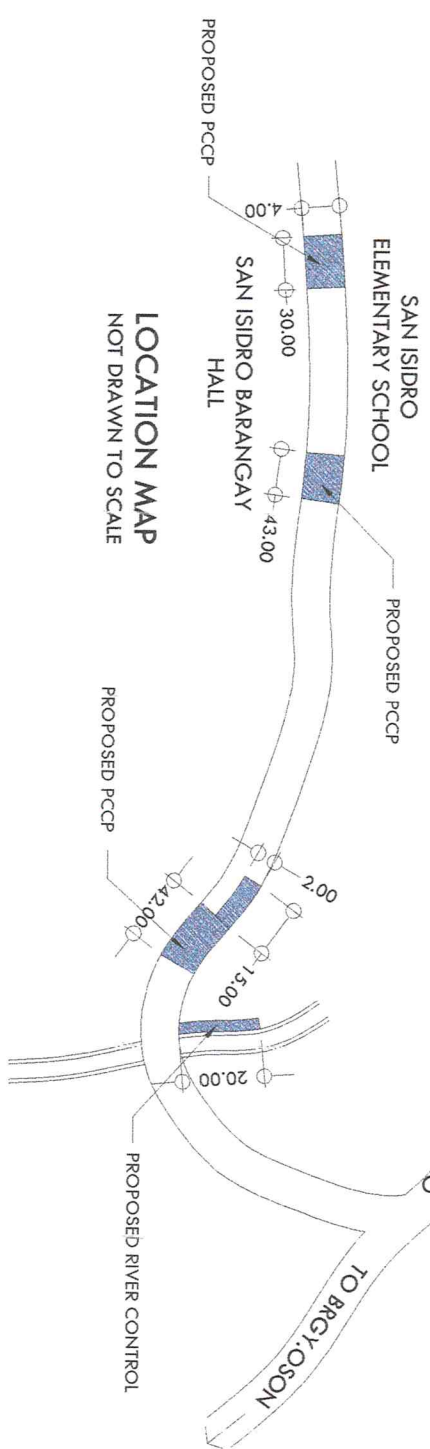


AGENCY / OFFICE:	
REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY	
OFFICE OF THE CITY ARCHITECT	
4th Floor, City Hall Annex, Tabaco City	
PROJECT TITLE:	
REHABILITATION/IMPROVEMENT OF COMON BRIDGE APPROACH	
PROJECT LOCATION:	
Barangay Comon, Tabaco City	
PREPARED BY:	
LEO ANGELO G. BATALLER JOB ORDER-CADD	
CHECKED BY:	
ROLAND B. GARCIA OIC-GENERAL SERVICES OFFICE	
REVIEWED BY:	
FRANCO B. BITE CITY ARCHITECT	
RECOMMENDING APPROVAL:	
DINDO B. BONGALOSA OIC-CITY ENGINEER	
APPROVED BY:	
Hon. CIELO KRSEL LAGMAN-LUISTRO CITY MAYOR	
CONTROL No.: JULY 2018	
SHEET No.: 2	

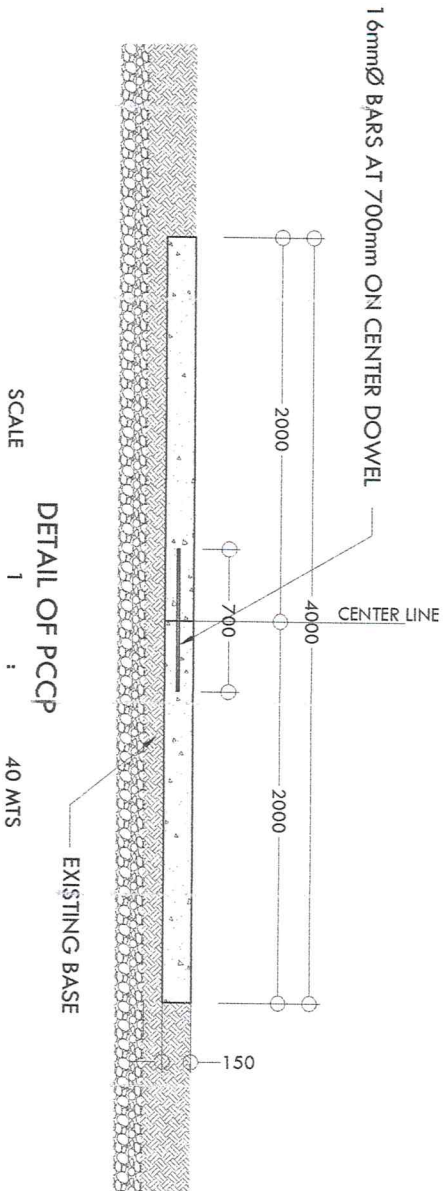
SUMMARY OF QUANTITIES			
ITEM NO.:	DESCRIPTION OF WORK	UNIT	QUANTITY
SPL-1	CLEARING AND DEMOLITION WORKS	sq.m	40.00
103	EXCAVATION FOR STRUCTURE	cum	22.60
404	REINFORCING STEEL BARS	kgs	1,136.81
405	STRUCTURAL CONCRETE	cum	22.05
516	HANDLAID ROCK EMBANKMENT	cum	75.00
504	GROUTED RIPRAP	cum	19.80
SPL-2	CONCRETE CUTTING & DEMOLITION OF EXISTING DAMAGED CONCRETE	sq.m	490.00
101	SUB-GRADE PREPARATION	sq.m	490.00
311-2	PORTLAND CEMENT CONCRETE PAVEMENT(t: 0.15m)	sq.m	490.00
SPL-3	REMOVAL AND DISPOSAL OF EXCAVATED/UNSUITABLE MATERIALS	cum	66.15
SPL-4	BUNKHOUSE	months	1.50
SPL-5	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	months	1.50
SPL-6	FAB./INSTALLATION OF BILLBOARDS	unit	1.00



DETAIL OF RIVER CONTROL
SCALE 1 : 35 MTS

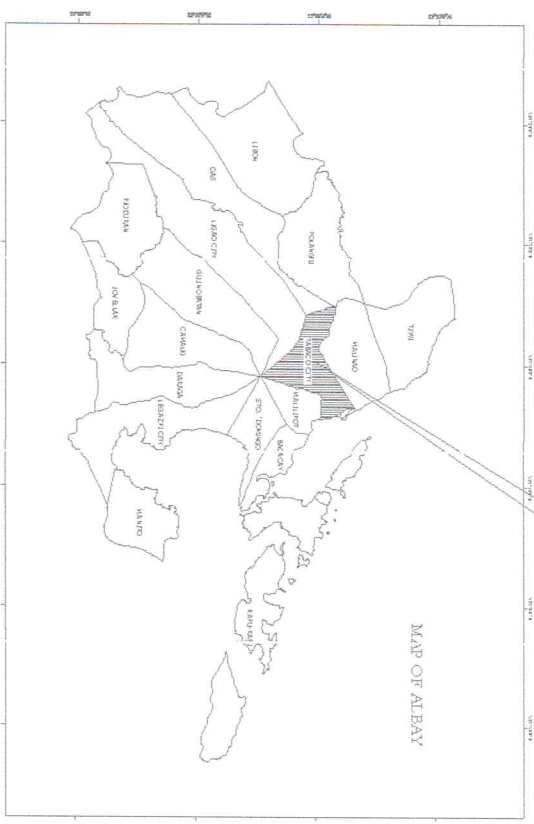


AGENCY/OFFICE: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY	
OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER Ground Floor, Mezzanine, City Hall Annex, Tabaco City	
PROJECT TITLE: REHABILITATION/IMPROVEMENT OF SAN ISIDRO SPILLWAY	
PROJECT LOCATION: Barangay San Isidro, Tabaco City	
PREPARED BY:	
CHECKED BY: LEO ANGELO G. BATALLER JOB ORDER/CADD	
REVIEWED BY: ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE	
RECOMMENDING APPROVAL: FRANCISCO B. BITE CITY ARCHITECT	
APPROVED BY: DINDO B. BONGALOSA OIC-CITY ENGINEER	
CONTROL No.: JULY 2018 CITY MAYOR Hon. CIELO KRISSEL LAGMAN-LUSTRO	
SHEET No.: 1 2	



AGENCY/OFFICE:	REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY
4th Floor, City Hall Annex, Tabaco City	OFFICE OF THE CITY ARCHITECT
PROJECT TITLE:	REHABILITATION/IMPROVEMENT OF SAN ISIDRO SPILLWAY
PROJECT LOCATION:	Barrangay San Isidro, Tabaco City
PREPARED BY:	
CHECKED BY:	LEO ANGERS G. BATALLER JOB ORDER-CADD
REVIEWED BY:	ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE
RECOMMENDING APPROVAL:	FRANCO B. BITE CITY ARCHITECT
APPROVED BY:	DINDO B. BONGALOSA OIC-CITY ENGINEER
CONTROL No.:	Hon. CIELO KRSEL LAGMAN-LUSTRO CITY MAYOR
JULY 2018	REVISIONS:
SHEET No.:	2

THIS SITE

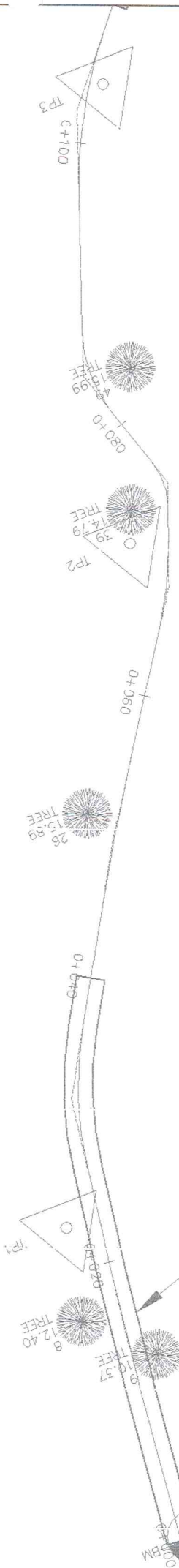
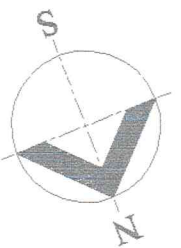


LOCATION MAP
SCALE NTS



SITE MAP
SCALE NTS

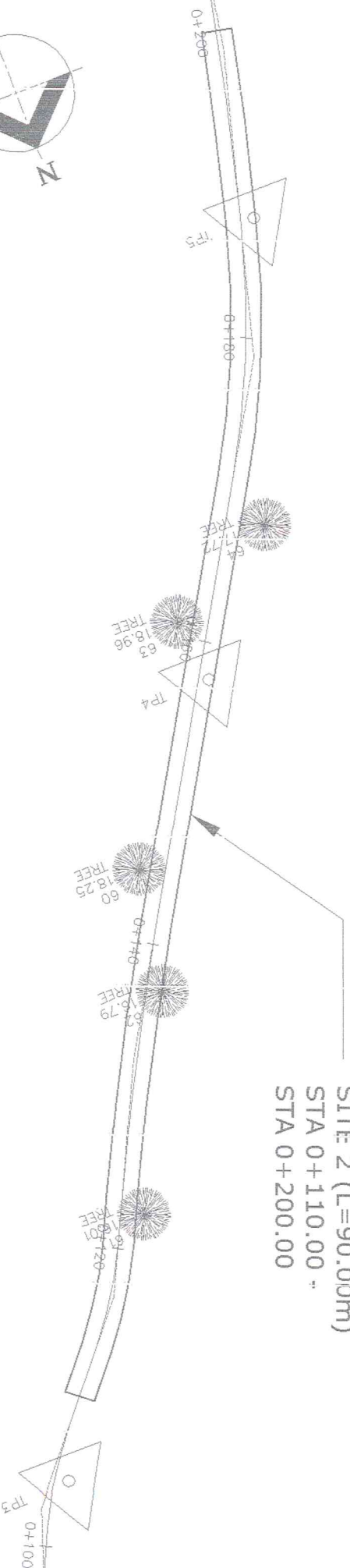
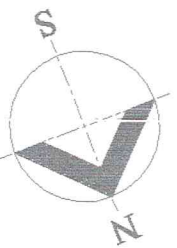
AGENCY: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF: TABAGO TABAGO CITY-ALBAY	PROJECT TITLE: REHABIL/IMPROVEMENT OF OSON ROADWAYS	SURVEYED & CAD BY: LEON ARCELES BATAILLO	PREPARED BY: EDUARDO B. BATAILLO	CHECKED BY: EDUARDO B. BATAILLO	REVIEWED BY: EDUARDO B. BATAILLO	APPROVED BY: EDUARDO B. BATAILLO	SHEET NO.: 1
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SITE 1 (L=40.00m)
STA 0+000.00 -
STA 0+040.00

TRAVERSE PLAN

SCALE 1:300M

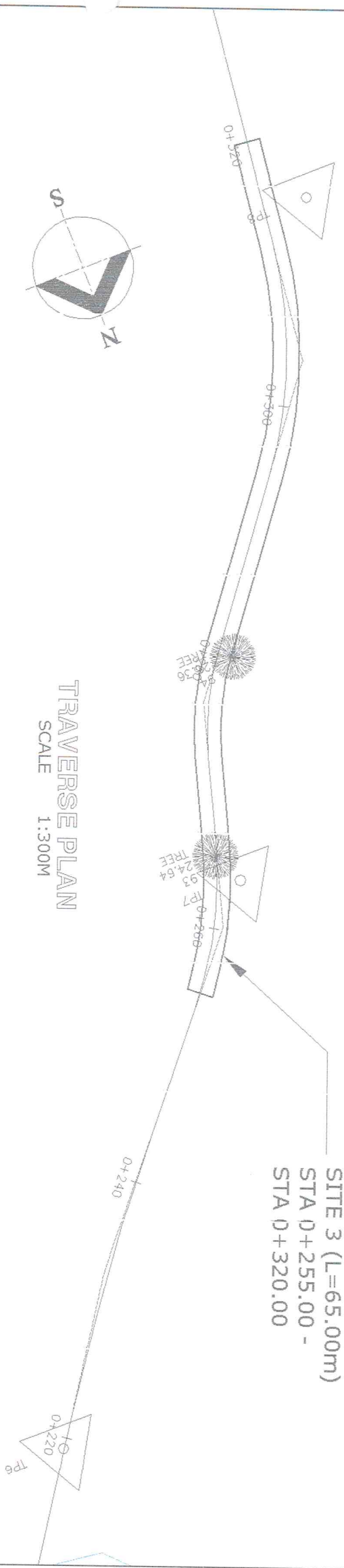


SITE 2 (L=90.00m)
STA 0+110.00 -
STA 0+200.00

TRAVERSE PLAN

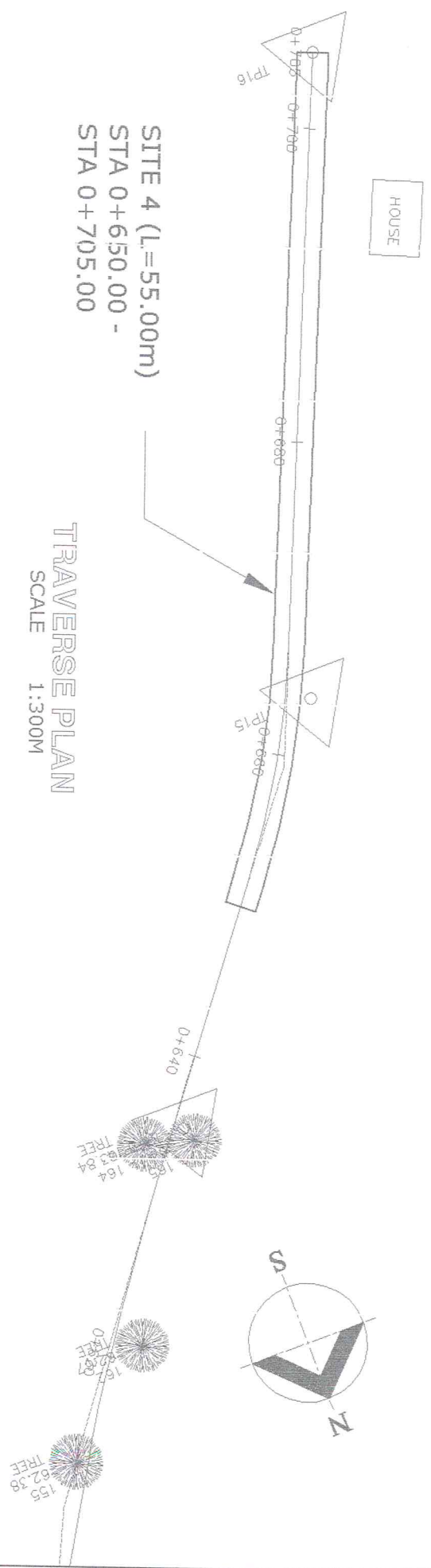
SCALE 1:300M

AGENCY: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABAGO TABAGO CITY-ALBAY	PROJECT TITLE: REHAB/IMPROVEMENT OF OSON ROADWAYS	SURVEYED & CAD BY: JESAB	PREPARED BY: JOHN R. GARCIA	CHECKED BY: FRANCIS R. RIVERA	REVIEWED BY: DINNO R. RIVERA	APPROVED BY: JESAB	SHEET NO.: 1
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SITE 3 (L=65.00m)
 STA 0+255.00 -
 STA 0+320.00

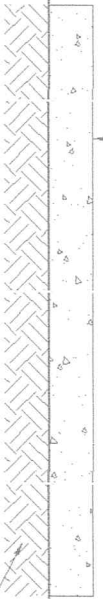
TRAVERSE PLAN
 SCALE 1:300M



SITE 4 (L=55.00m)
 STA 0+650.00 -
 STA 0+705.00

TRAVERSE PLAN
 SCALE 1:300M

AGENCY: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF: TABAGO TABAGO CITY-ALBAN OFFICE OF THE CITY ARCHITECT	PROJECT TITLE: REHAB/IMPROVEMENT OF OSON ROADWAYS	SURVEYED & CAD BY:  LEO ANGELO B. BATALLER	PREPARED BY:  ROLAND B. GARCIA	CHECKED BY:  FRANCIS R. ATTA	REVIEWED BY:  DINA R. BONGALAN	APPROVED BY:  LEO ANGELO B. BATALLER	SHEET NO.:
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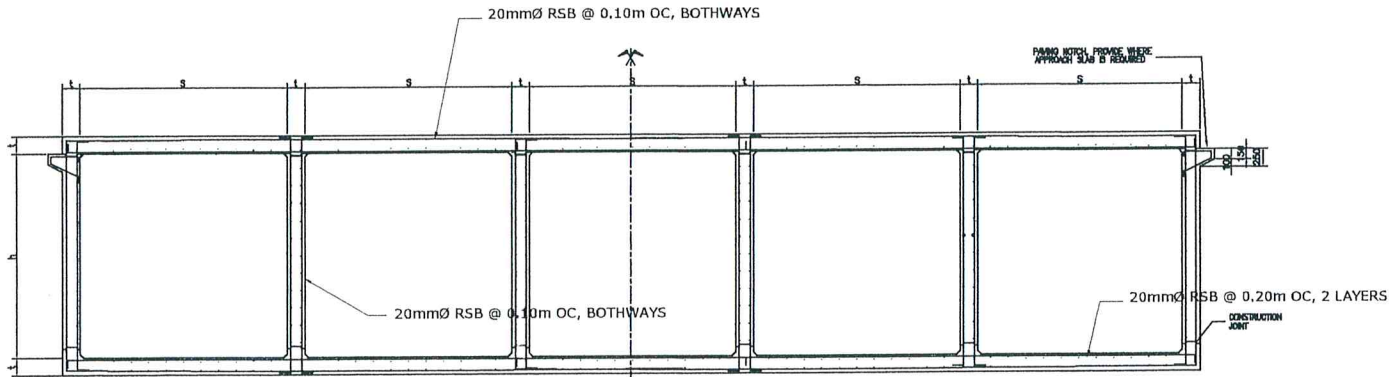
NGL ▽

0.15m LEVELING
COURSE

DETAIL OF PCCP
SCALE 1:20M





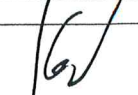
<div><p>REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABAGO TABAGO CITY-ALBAN</p><p>OFFICE OF THE CITY ARCHITECT</p></div>	PROJECT TITLE: REHAB/IMPROVEMENT OF OSORN ROADWAYS	SURVEYED & CAD BY:  ENGINEER B. R. BATAILED	PREPARED BY:  ENGINEER B. R. BATAILED	CHECKED BY:  ENGINEER B. R. BATAILED	REVIEWED BY:  ENGINEER B. R. BATAILED	APPROVED BY:  ENGINEER B. R. BATAILED	SHEET NO. 4
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SPAN	HEIGHT	t
s	h	
3000	3000	300



SECTION DETAIL OF SPILLWAY

SCALE 1:100M

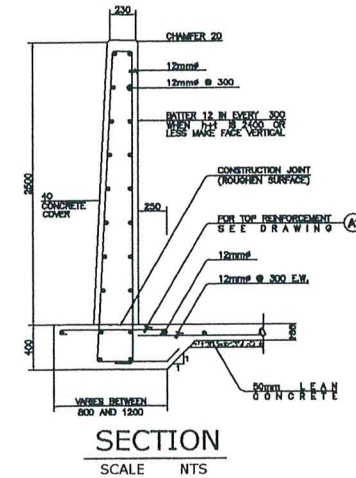
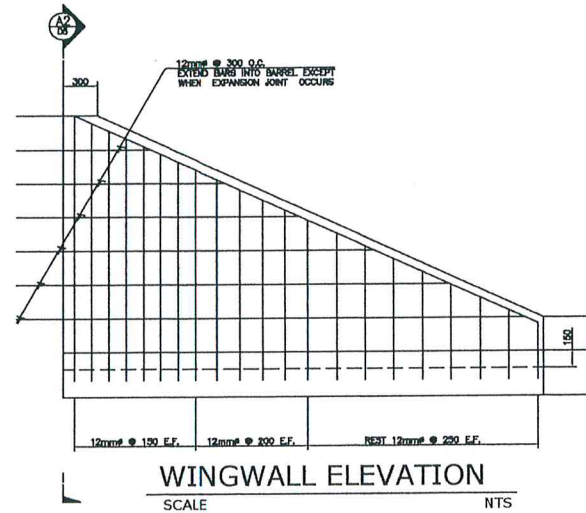
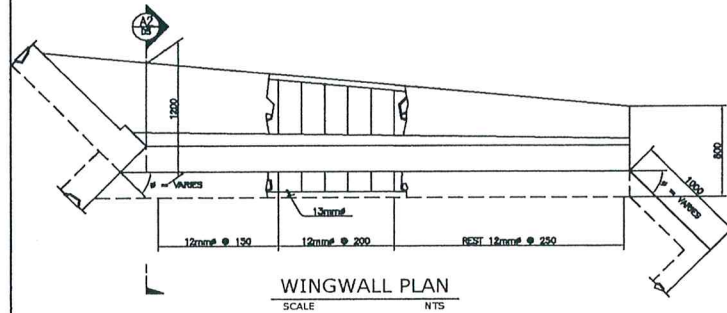
AGENCY/OFFICE: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER Ground Floor Mezzanine, City Hall Annex, Tabaco City PROJECT TITLE:	
REHAB/IMPROVEMENT OF ORAS BOX CULVERT	
PROJECT LOCATION: Brgy. Oras, Tabaco City	
PREPARED BY:	
<div>  LEO ANGELO G. BATALLER JOB ORDER-CADD </div>	
CHECKED BY:	
<div>  ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE </div>	
REVIEWED BY:	
<div>  FRANCO B. BITE CITY ARCHITECT </div>	
RECOMMENDING APPROVAL:	
<div>  DINDO B. BONGALOSA OIC-CITY ENGINEER </div>	
APPROVED BY:	
<div>  Hon. CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR, TABACO CITY </div>	
CONTROL No.:	REVISIONS:
2018	
SHEET No.:	
2	3

GENERAL NOTES:

- DESIGN LOAD:
LIVE LOAD MS-18 (HS 20-44)
- CONCRETE:
ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSION STRENGTH IN 28 DAYS OF $f'_c = 20.7 \text{ MPa}$ (3000psi). ALL EXPOSED CORNERS TO BE CHAMFERED 20 MINIMUM. NO CONSTRUCTION JOINT ARE TO BE MADE EXCEPT WHERE SHOWN. WHEN BOTTOM SLAB IS SUBJECT TO ABRASION ADD 20mm TO BOTTOM SLAB TO INCREASE COVERAGE ON STEEL.
- STEEL REINFORCEMENT:
ALL REINFORCING STEEL TO BE INTERMEDIATE (GRADE 40) ASTM A-615 WITH DEFORMATIONS CONFORMING TO ASTM A-305.
- GENERAL:
IN STATING ROSS SIZE, GIVE WIDTH BY HEIGHT (WIDTH FIRST). WHEN HEIGHT OF FILL, H=0 THE TOP OF SURFACE OF THE UPPER SLAB SHALL FOLLOW THE CROWN OF THE FINISHED ROADWAY. THE BOX CULVERT SHALL BE CONSTRUCTED ON A LAYER OF LEAN CONCRETE 50mm MINIMUM THICKNESS.
- LIVE LOAD DISTRIBUTION REINFORCEMENT:
WHEN THERE IS LESS THAN 800mm OF FILL ABOVE TOP SLAB OF CULVERT ADDITIONAL REINFORCEMENT TRANSVERSE TO THE MAIN REINFORCEMENT IS ADDED TO THE BOTTOM OF THE TOP SLAB IN ACCORDANCE WITH AISI D11.3.2.E.

HORIZONTAL SKEW ANGLE α	LENGTH OF WINGWALLS
90°	$L_1 = L_2 = 1.414a$
60°	$L_1 = 1.414a$ $L_2 = 1.035a$
45°	$L_1 = 2.000a$ $L_2 = a$

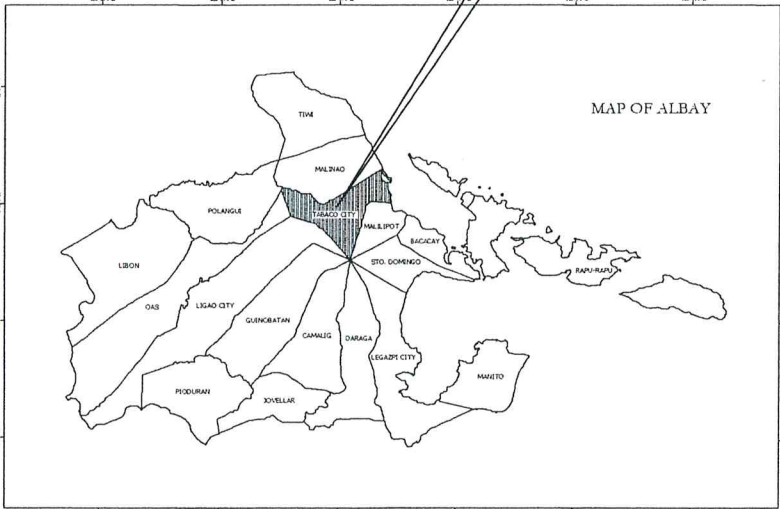
WHERE:
 $a = 1.5 (h+600)$ FOR SLOPE 1.5:1
 $a = 2.0 (h+600)$ FOR SLOPE 2:1



CULVERT WINGWALL DETAILS SCALE AS SHOWN

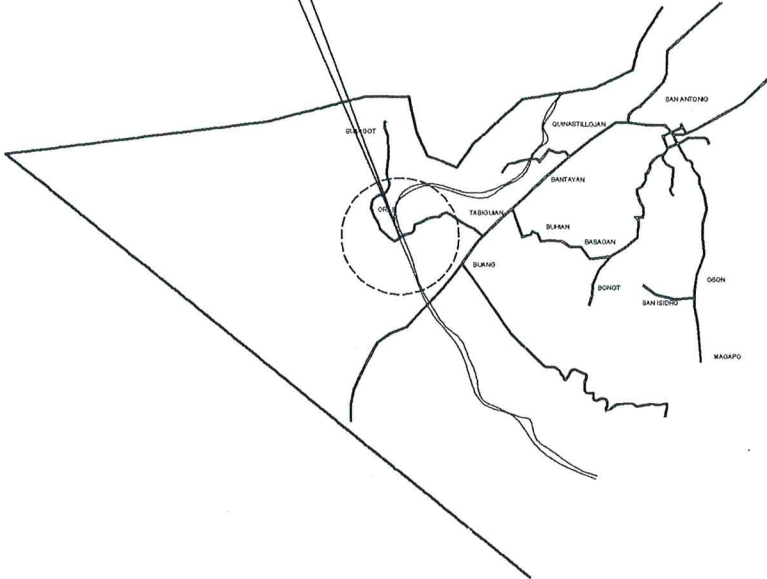
AGENCY/OFFICE: REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY	
OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER	
Ground Floor Mezzanine, City Hall Annex, Tabaco City	
PROJECT TITLE: REHAB/IMPROVEMENT OF ORAS BOX CULVERT	
PROJECT LOCATION: Brgy. Oras, Tabaco City	
PREPARED BY: LEO ANGELO G. BATALLER JOB ORDER-CADD	
CHECKED BY: ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE	
REVIEWED BY: FRANCO B. BITE CITY ARCHITECT	
RECOMMENDING APPROVAL: DINDO B. BONGALOSA OIC-CITY ENGINEER	
APPROVED BY: Hon. CIELO KRISL LAGMAN-LUISTRO CITY MAYOR, TABACO CITY	
CONTROL No.: 2018	REVISIONS:
SHEET No.: 3	3

THIS SITE









LOCATION MAP

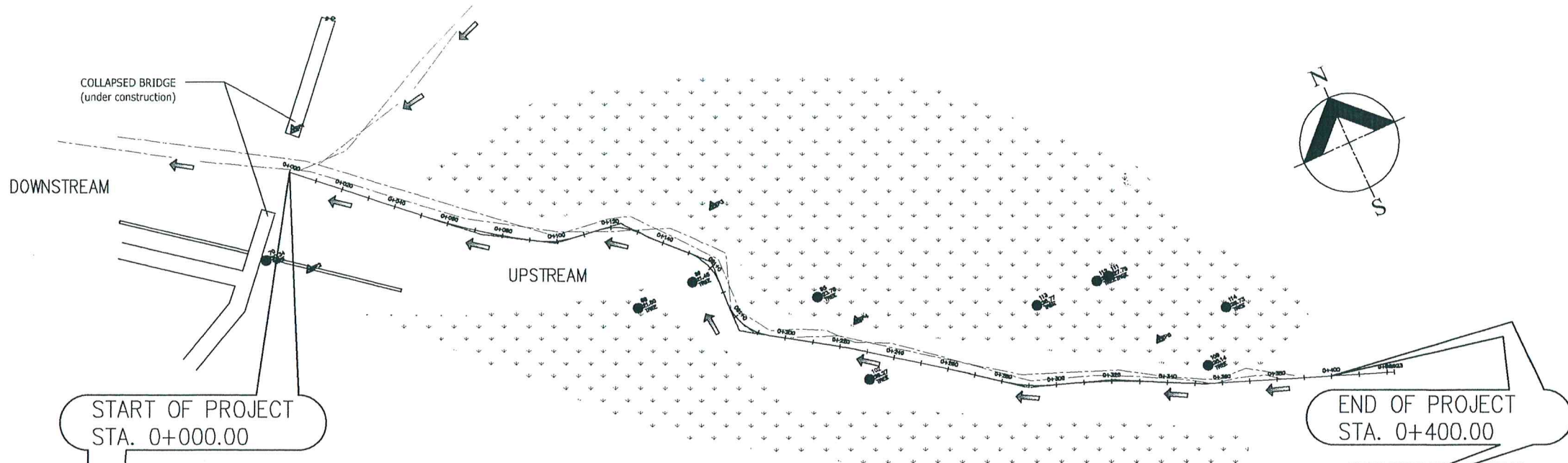
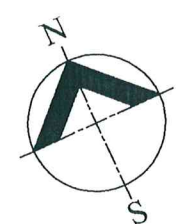
SCALE NTS



 SITE MAP

SCALE _____ NTS

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 CITY ENGINEER GROUND FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511	REHAB/IMPROVEMENT OF ORAS BOX CULVERT LOCATION: Brgy. Oras , Tabaco City	 LEO ANGELES G. BATALLER AUTOCAD OPERATOR/DRAFTSMAN, JO	 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	

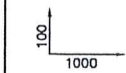
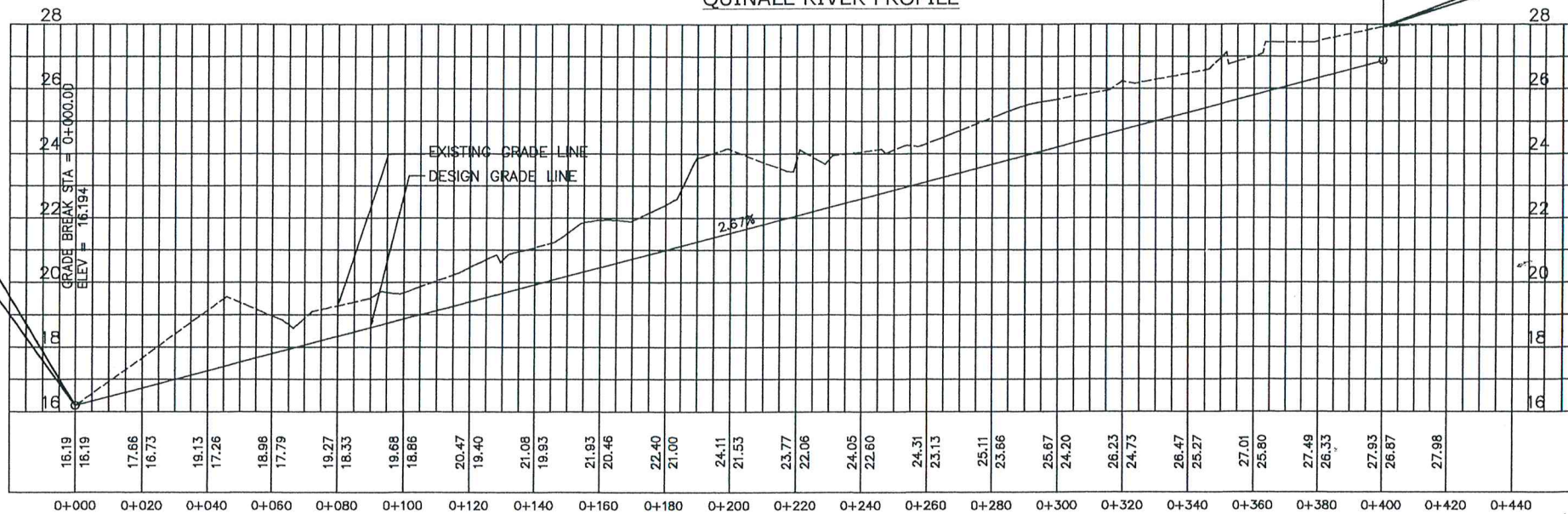


START OF PROJECT
STA. 0+000.00

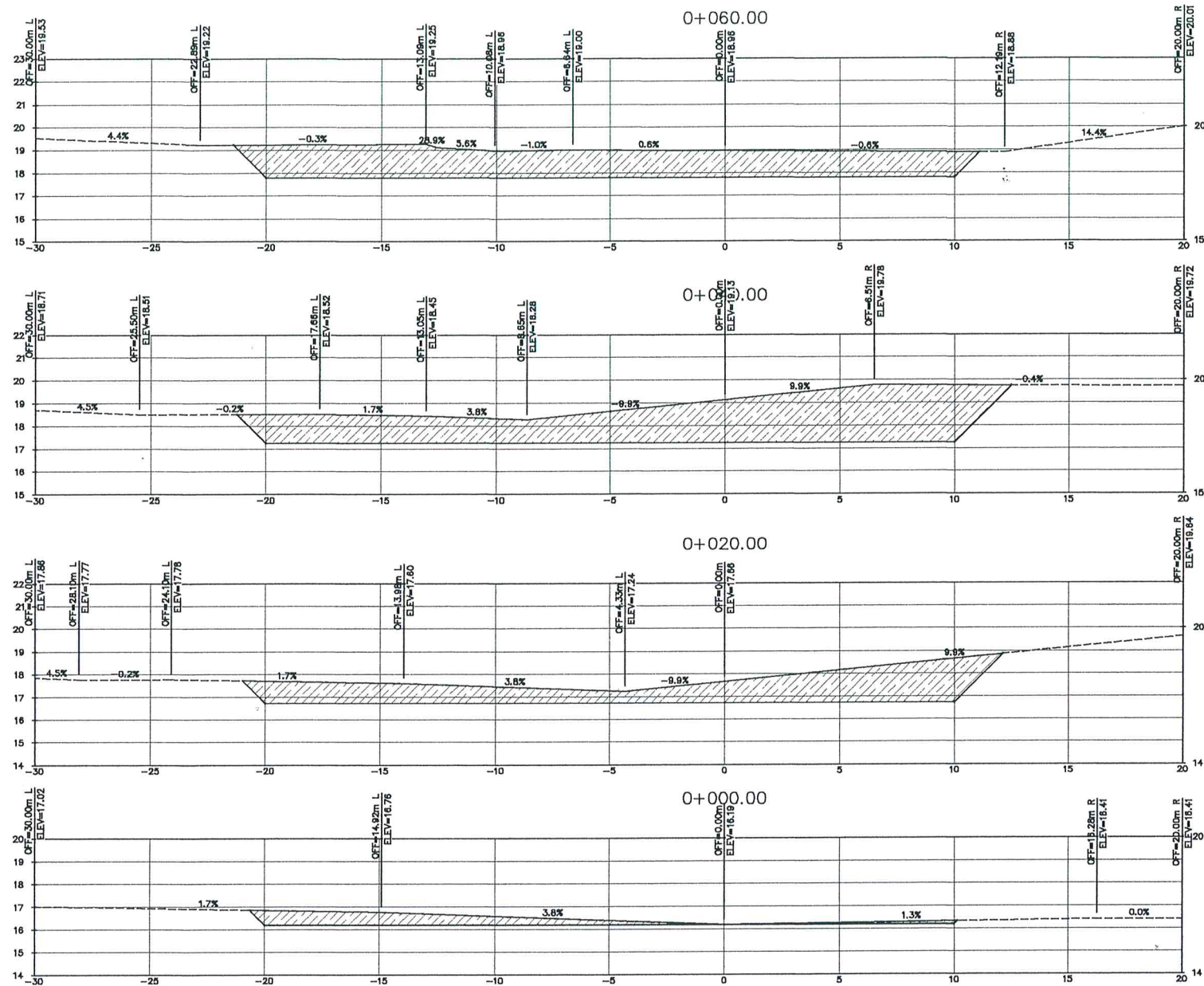
END OF PROJECT
STA. 0+400.00

GRADE BREAK STA = 0+400.00
ELEV = 27.000

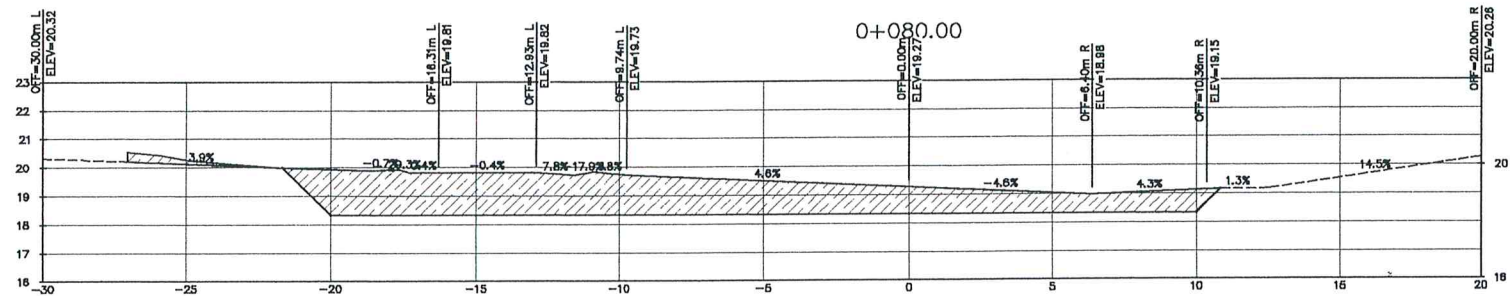
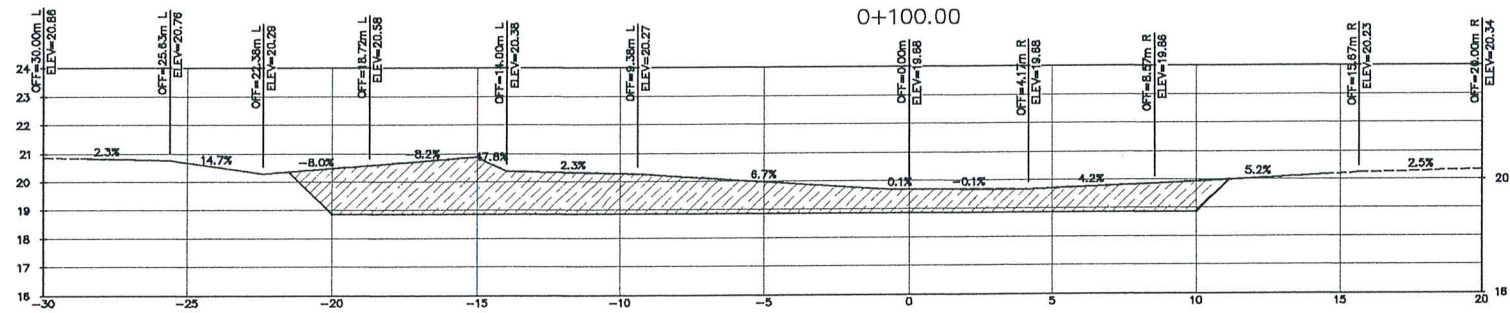
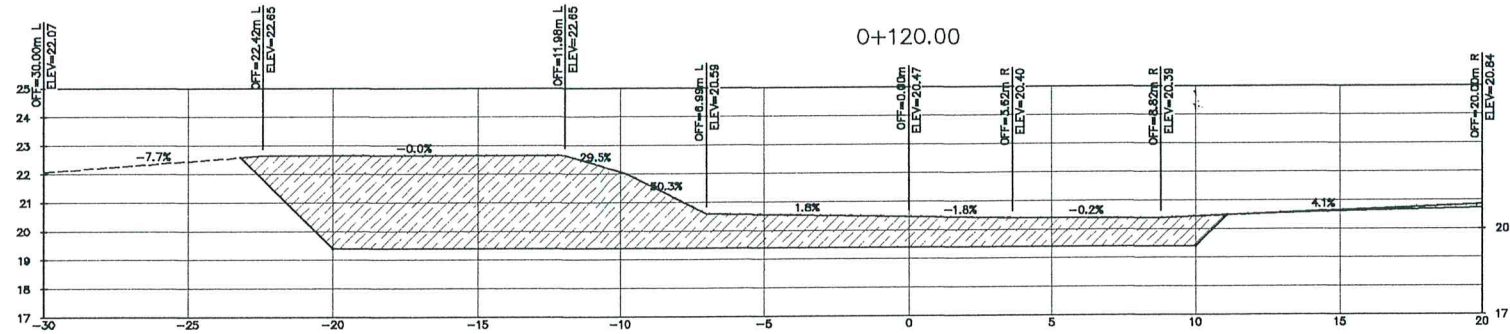
QUINAL RIVER PROFILE



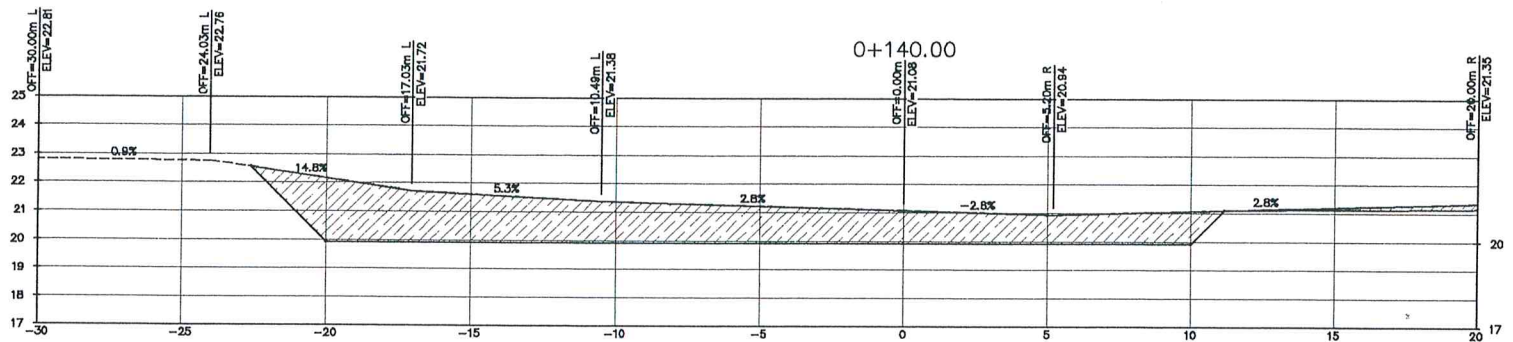
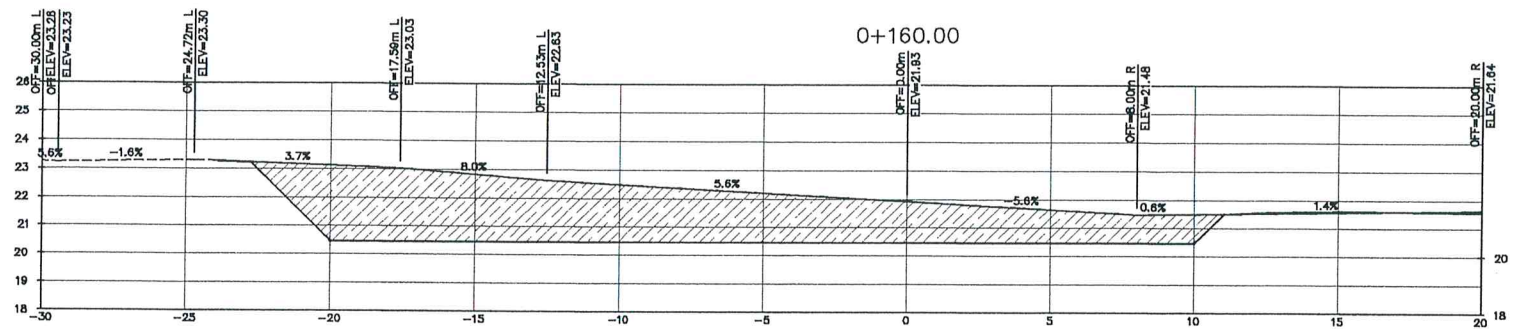
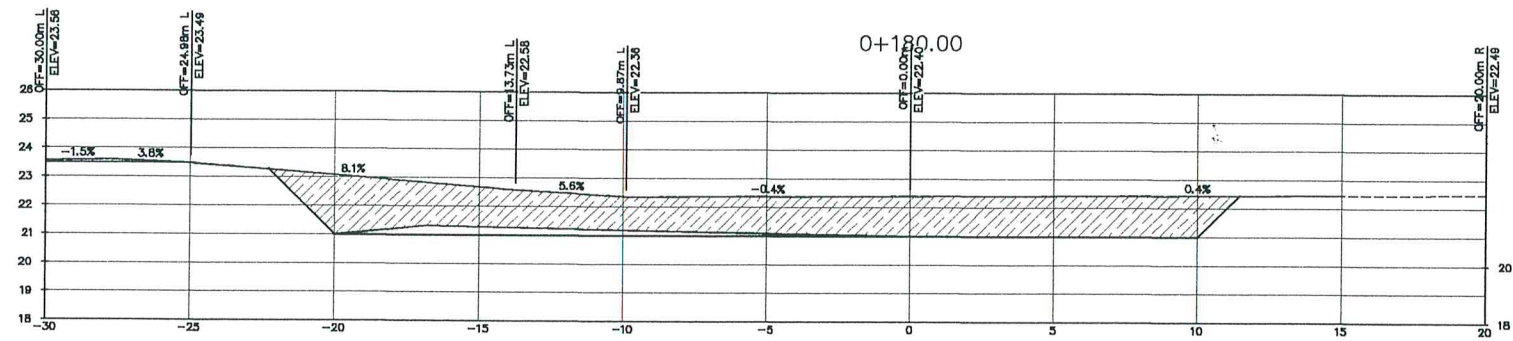
AGENCY:	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:
<div data-bbox="194 1449 493 1497">REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY</div> <div data-bbox="194 1508 543 1565">OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER GROUND FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511</div>	<div data-bbox="680 1465 1004 1520">REHAB/IMPROVEMENT OF ORAS BOX CULVERT</div> <div data-bbox="580 1544 829 1565">LOCATION: Brgy. Oras, Tabaco City</div>	<div data-bbox="1103 1465 1328 1520">LEO ANGELO G. BATALLER AUTOCAD OPERATOR/DRAFTSMAN, JR.</div>	<div data-bbox="1365 1465 1552 1520">ROLAND B. GARCIA CIC-CITY GENERAL SERVICES OFFICE</div>	<div data-bbox="1614 1465 1776 1520">FRANCO B. BITE CITY ARCHITECT</div>	<div data-bbox="1826 1465 2038 1520">DINDO B. BONGALOSA CIC-CITY ENGINEER</div>	<div data-bbox="2050 1465 2312 1520">CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR</div>	



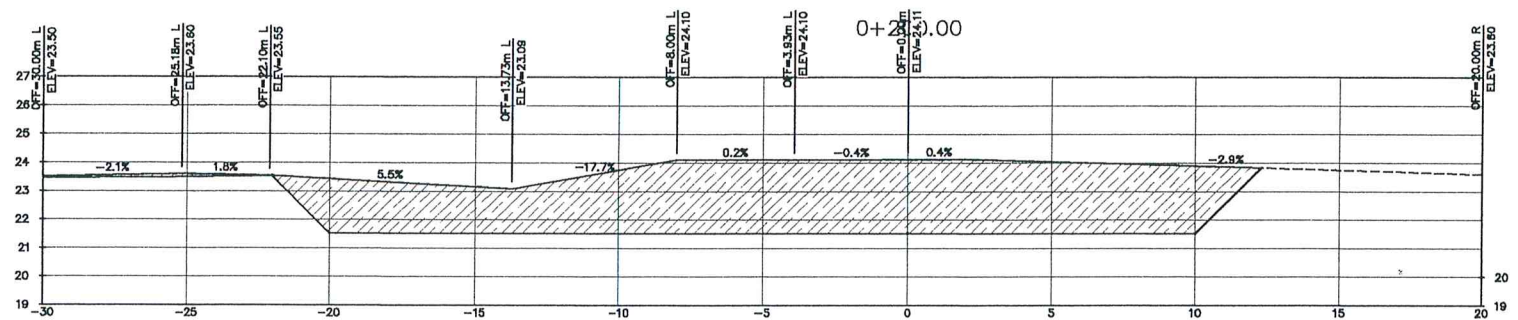
AGENCY:	PROJECT TITLE:	SURVEYED & CAD BY:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:	SHEET NO.:
<div> <div></div> <div> REPUBLIC OF THE PHILIPPINES LOCAL GOVERNMENT UNIT OF TABACO TABACO CITY-ALBAY </div> <div> OFFICE OF THE CITY ARCHITECT/ OFFICE OF THE CITY ENGINEER GROUND FLOOR, CITY HALL ANNEX BUILDING, TABACO CITY-4511 </div> </div>	REHAB/IMPROVEMENT OF ORAS BOX CULVERT LOCATION: Brgy. Oras , Tabaco City	<div> <div></div> <div> LEO ANGELO G. SATALLER AUTOCAD OPERATOR/DRAFTSMAN, JO </div> </div>	<div> <div></div> <div> ROLAND B. GARCIA OIC-CITY GENERAL SERVICES OFFICE </div> </div>	<div> <div></div> <div> FRANCO B. BITE CITY ARCHITECT </div> </div>	<div> <div></div> <div> DINDO B. BONGALOSA OIC- CITY ENGINEER </div> </div>	<div> <div></div> <div> CIELO KRISSEL LAGMAN-LUISTRO CITY MAYOR </div> </div>	<div> <div></div> <div></div> </div>









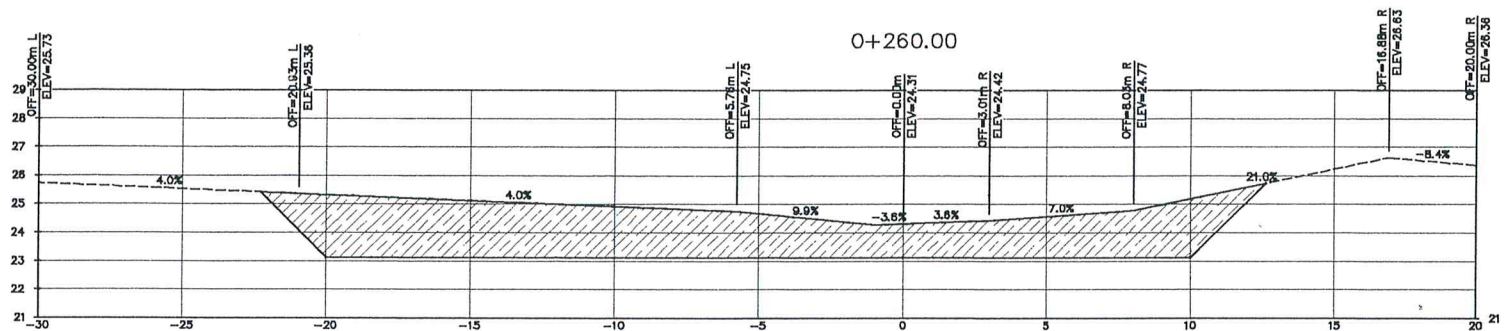
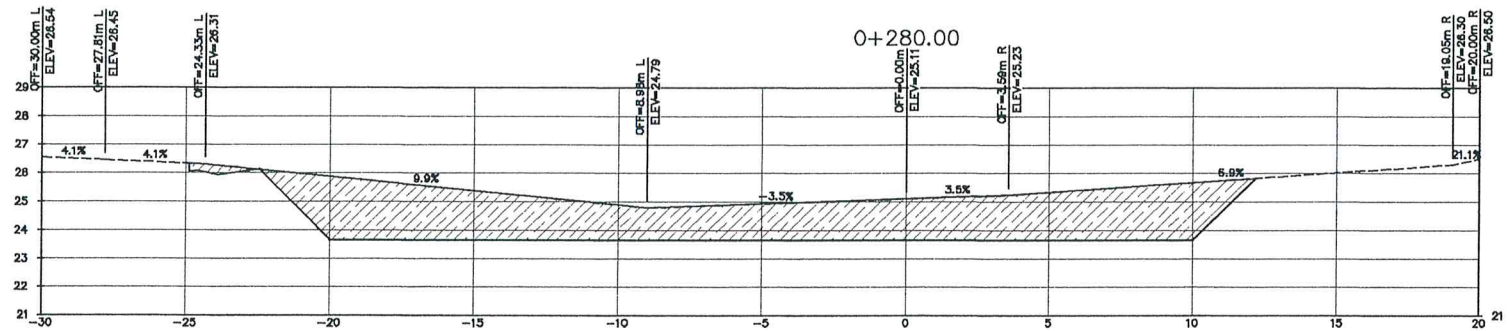
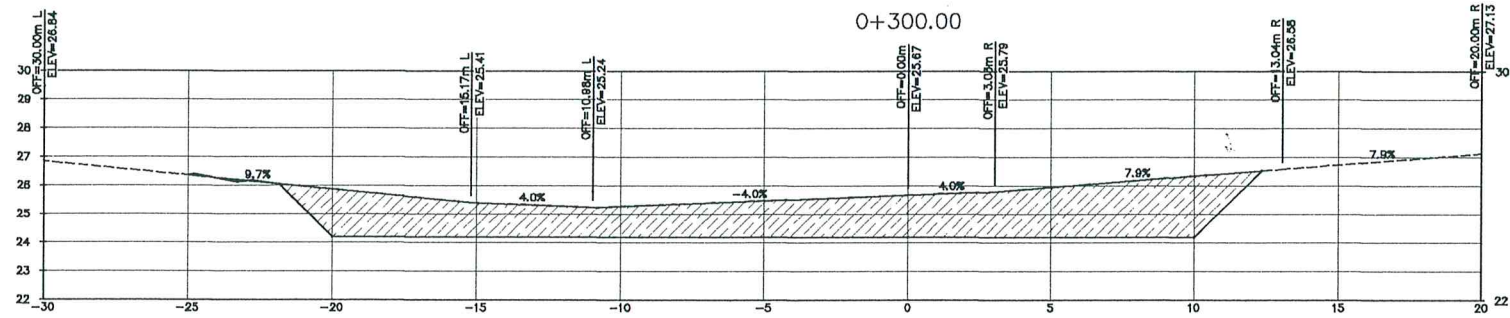
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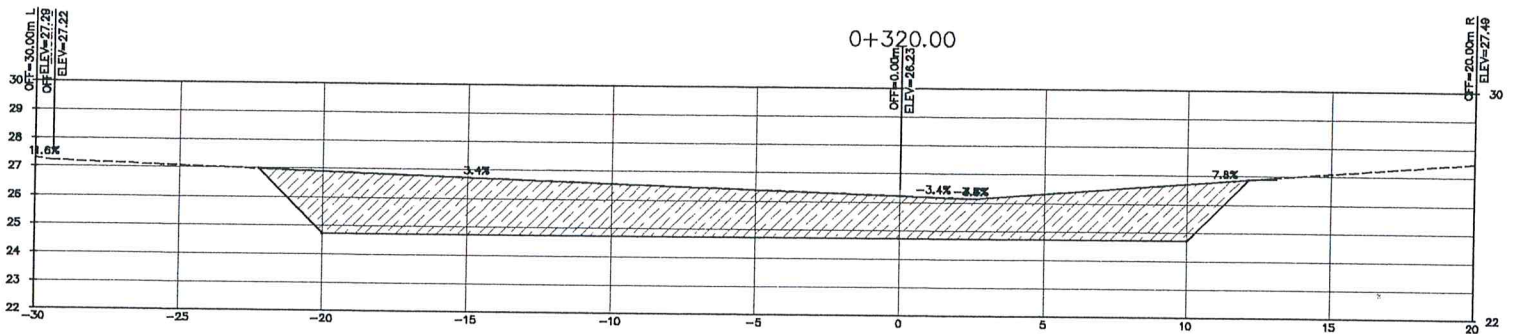
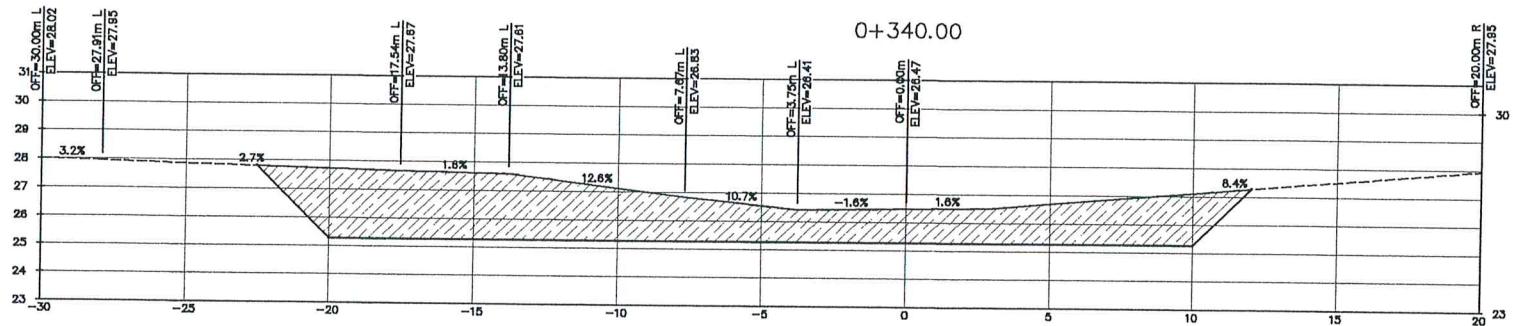
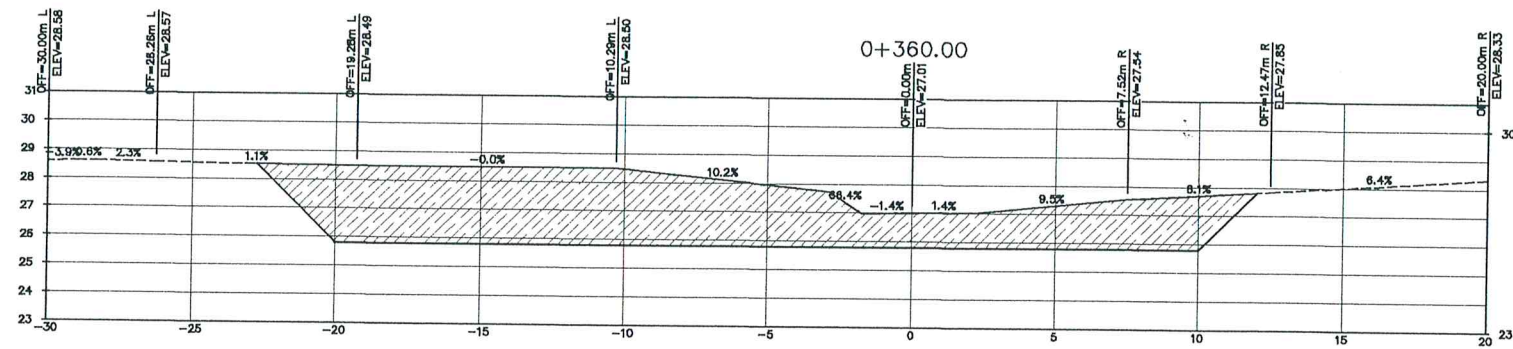
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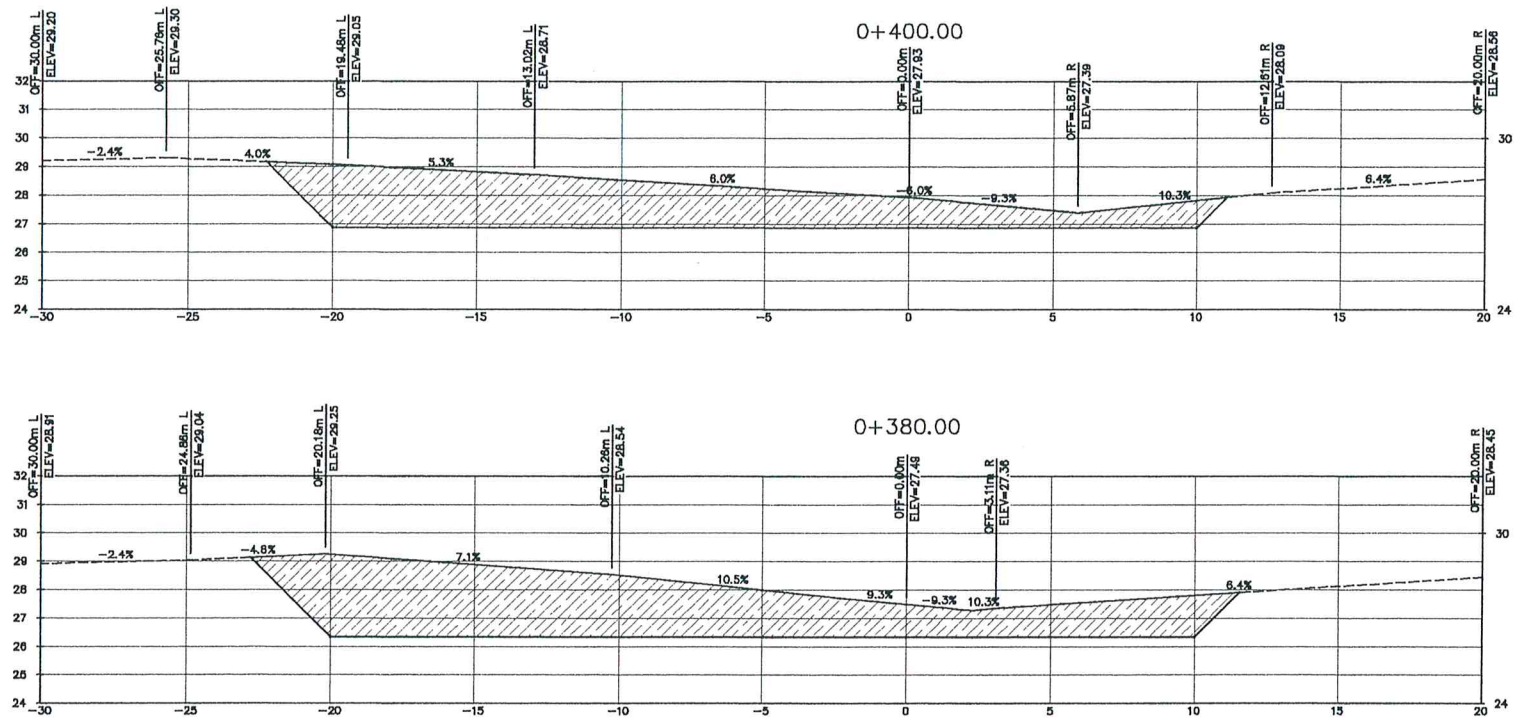
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Section VIII

Bill of Quantities

BILL OF QUANTITIES

Item No.	Description of Work to be Done		Quantity	Unit	Unit Price (Php)	Amount (Php)
Cluster I – Rehab/Improvement of Roadways, Various Barangays, Tabaco City						
I.	Rehabilitation/Improvement of Agñas Roadways, Barangay Agñas, San Miguel Island, Tabaco City					
	1.	Clearing & Grabbing	420.00	sq.m		
	2.	Leveling Course	46.20	cu.m		
	3.	Sub-Grade Preparation	420.00	sq.m		
	4.	Portland Cement Concrete Pavement (t=0.15m)	420.00	sq.m		
	5.	Bunkhouse	1.00	months		
	6.	Occupational Safety & Health Program	1.00	months		
	7.	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
II.	Rehabilitation/Improvement of Visita Roadways, Barangay Visita, San Miguel Island, Tabaco City					
	1.	Removal of Obstruction & Structure	497.50	sq.m		
	2.	Sub-Grade Preparation	497.50	sq.m		
	3.	Portland Cement Concrete Pavement(t=0.15m)	497.50	sq.m		
	4.	Bunkhouse	1.00	month		
	5.	Occupational Safety & Health Program	1.00	month		
	6.	Fab/Installation of Billboards	1.00	month		
	Subtotal					
III.	Rehabilitation/Improvement of Sagurong Roadways, Barangay Sagurong, San Miguel Island, Tabaco City					
	1.	Removal of Obstruction & Structure	174.00	sq.m		
	2.	Excavation	20.00	cu.m		
	3.	Sub-Grade Preparation	290.00	sq.m		
	4.	Portland Cement Concrete Pavement(t=0.15m)	290.00	sq.m		
	5.	Slope Protection (Structure Concrete)	16.00	cu.m		
	6.	Bunkhouse	1.00	month		
	7.	Occupational Safety & Health Program	1.00	month		
	8.	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
IV.	Rehabilitation/Improvement of Hacienda Roadways, Barangay Hacienda, San Miguel Island, Tabaco City					
	1.	Removal of Obstruction & Structure	174.00	sq.m		
	2.	Excavation	4.80	cu.m		
	3.	Sub-Grade Preparation	362.50	sq.m		
	4.	Portland Cement Concrete Pavement(t=0.15m)	362.50	sq.m		
	5.	Slope Protection(Structural Concrete)	9.60	cu.m		
	6.	Bunkhouse	1.00	month		
	7.	Occupational Safety & Health Program	1.00	month		
	8.	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
V.	Rehabilitation/Improvement of Hacienda Roadways-Sitio Dinagsaan, Barangay Hacienda, San Miguel Island, Tabaco City					
	1.	Removal of Obstruction & Structure	236.00	sq.m		
	2.	Sub-Grade Preparation	236.00	sq.m		
	3.	Portland Cement Concrete Pavement(t=0.15m)	236.00	sq.m		
	4.	Bunkhouse	0.50	month		
	5.	Occupational Safety & Health Program	0.50	month		
	6.	Fab/Installation of Billboards	1.00	unit		
	Subtotal					

VI.	Rehabilitation/Improvement of San Carlos Roadways, Barangay San Carlos, Tabaco City					
	SPL-1	Clearing & Grabbing	480.00	sq.m		
	103	Excavation for Structure	447.45	cu.m		
	504	Grouted Riprap Canal	235.20	cu.m		
	SPL-2	Restoration of Damaged Driveways & Structures	2.03	cu.m		
	101	Sub-Grade Preparation	423.00	sq.m		
	100	Levelling Course	84.60	sq.m		
	311	Portland Cement Concrete Pavement(t=0.15m)	423.00	sq.m		
	SPL-4	Removal & Disposal of Excavated/Unsuitable Materials	357.96	cu.m		
	500	RCPC, 0.60m	9.00	LM		
	SPL-5	Bunkhouse	2.00	months		
	SPL-6	Occupational Safety & Health Program	2.00	months		
	SPL-7	Fab/Installation of Billboards	1.00	Unit		
	Subtotal					
VII.	Rehabilitation/Improvement of Divino Rostro Roadways, Barangay Divino Rostro, Tabaco City					
	SPL-1	Concrete Cutting of Existing PCCP & Demolition of Obstruction	90.00	sq.m		
	103	Excavation for Structures	90.00	cu.m		
	404	Reinforcing Steel	2,540.61	kgs		
	405	Structural Concrete	45.90	cu.m		
	SPL-2	Manhole w/ Cover	15.00	unit		
	SPL-3	Removal & Disposal of Excavated Materials	89.10	cu.m		
	SPL-4	Bunkhouse	1.00	months		
	SPL-5	Occupational Safety & Health Program	1.00	months		
	SPL-6	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
VIII.	Rehabilitation/Improvement of Bogñabong Roadways, P-5 Barangay Bogñabong, Tabaco City					
	1	Clearing & Grubbing	318.00	sq.m		
	2	Excavation for Structures	254.40	cu.m		
	3	Grouted Riprap Line Canal	181.26	cu.m		
	4	Restoration of Damaged Driveways and Alleys	3.60	cu.m		
	5	Removal & Disposal of Excavated/Unsuitable materials	203.52	cu.m		
	6	Bunkhouse	1.00	month		
	7	Occupational Safety & Health Program	1.00	Month		
	8	Fab/Installation Billboards	1.00	Unit		
	Subtotal					
IX.	Rehabilitation/Improvement of Comon Roadways, Barangay Comon, Tabaco City					
	1	Clearing & Grubbing	120.00	m ²		
	2	Excavation for Structure	284.45	m ³		
	3	Grouted Riprap Line Canal	171.57	m ³		
	4	Removal & Disposal of Unsuitable/Excavated Materials	256.00	m ³		
	5	Restoration of Damaged Driveways/Concrete Structures	4.16	m ³		
	6	Bunkhouse	1.00	month		
	7	Occupational Safety & Health Program	1.00	month		
	8	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
X.	Rehabilitation/Improvement of San Isidro Roadways, Barangay San Isidro, Tabaco City					
	1	Clearing & Grubbing	100.00	m ²		
	2	Excavation for Structure	282.15	m ³		
	3	Grouted Riprap Line Canal	179.55	m ³		
	4	Removal & Disposal of Unsuitable/Excavated Materials	253.94	m ³		
	5	Restoration of Damaged Driveways/Concrete Structures	4.16	m ³		

	6	Bunkhouse	1.00	month		
	7	Occupational Safety & Health Program	1.00	month		
	8	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
XI.	Rehabilitation/Improvement of Matagbac Roadways, Barangay Matagbac, Tabaco City					
	1	Concrete Cutting & Demolition of Existing Damaged Concrete	430.00	sq.m		
	2	Sub-Grade Preparation	430.00	sq.m		
	3	Portland Cement Concrete Pavement(t=0.23m)	430.00	sq.m		
	4	Removal & Disposal of Excavated/Unsuitable Materials	58.05	cu.m		
	5	Bunkhouse	1.00	month		
	6	Occupational Safety & Health Program	1.00	month		
	7	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
XII.	Rehabilitation/Improvement of Pawa Roadways (Phase II), Barangay Pawa, Tabaco City					
	SPL-1	Demolition of Concrete Structures & Obstruction	102.60	sq.m		
	103	Excavation for Structures	102.60	cu.m		
	404	Reinforcing Steel	2,630.50	kgs		
	405	Structural Concrete	54.72	cu.m		
	SPL-2	Manhole w/ Cover	18.00	unit		
	SPL-3	Removal & Disposal of Excavated Materials	101.57	cu.m		
	SPL-4	Bunkhouse	1.00	month		
	SPL-5	Occupational Safety & Health Program	1.00	month		
	SPL-6	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
XIII.	Rehabilitation/Improvement of Panal Roadways, Barangay Panal, Tabaco City					
	SPL-1	Concrete Cutting of Existing PCCP & Demolition of Obstruction	136.00	sq.m		
	103	Excavation for Structures	153.00	cu.m		
	500	RCPC-0.90m	68.00	L.M.		
	311	PCCP (t=0.15m)	125.80	sq.m		
	SPL-2	Manhole w/ Cover	12.00	unit		
	SPL-3	Removal & Disposal of Excavated Materials	107.10	cu.m		
	SPL-4	Bunkhouse	1.00	month		
	SPL-5	Occupational Safety & Health Program	1.00	month		
	SPL-6	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
XIV.	Rehabilitation/Improvement of Quinale-Cabasan Roadways (Phase II), Barangay Quinale-Cabasan, Tabaco City					
	SPL-1	Concrete Cutting of Existing PCCP & Demolition of Obstruction	94.00	sq.m		
	103	Excavation for Structures	94.00	cu.m		
	404	Reinforcing Steel	2,678.10	kgs		
	405	Structural Concrete	47.94	cu.m		
	SPL-2	Manhole w/ cover	14.00	unit		
	SPL-3	Removal & Disposal of Excavated Materials	93.06	cu.m		
	SPL-4	Bunkhouse	1.00	month		
	SPL-5	Occupational Safety & Health Program	1.00	month		
	SPL-6	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
XV.	Rehabilitation/Improvement of Baranghawon Roadways, Barangay Baranghawon, Tabaco City					
	1	Concrete Cutting & Demolition of Existing Damaged Concrete	432.00	sq.m		
	2	Sub-Grade Preparation	432.00	sq.m		
	3	Portland Cement Concrete Pavement(t=0.23m)	432.00	sq.m		

	4	Removal & Disposal of Excavated/Unsuitable Materials	58.32	cu.m		
	5	Bunkhouse	1.00	month		
	6	Occupational Safety & Health Program	1.00	month		
	7	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
XVI.	Rehabilitation/Improvement of Fatima Roadways, Barangay Fatima, Tabaco City					
	SPL-1	Concrete Cutting of Existing PCCP & Demolition of Obstruction	90.00	sq.m		
	103	Excavation for Structures	90.00	sq.m		
	404	Reinforcing Steel	2,540.61	kgs		
	405	Structural Concrete	45.90	cu.m		
	SPL-2	Manhole	15.00	unit		
	SPL-3	Removal & Disposal of Excavated Materials	89.10	cu.m		
	SPL-4	Bunkhouse	1.00	month		
	SPL-5	Occupational Safety & Health Program	1.00	month		
	SPL-6	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
XVII.	Rehabilitation/Improvement of Bonot-Buhian Roadways, Barangay Bonot-Buhian, Tabaco City (Box Curvert)					
	1	Care & Re-routing of Waterways	1.00	lot		
	2	Demolition & Removal of Obstruction	30.00	sq.m.		
	3	Structural Excavation	144.00	cu.m		
	4	Backfilling/Filling Materials	96.00	cu.m		
	5	Reinforcing Steel Bars	8,839.06	kgs		
	6	Structural Concrete	81.71	cu.m		
	7	Forms & Scaffoldings	51.00	sq.m		
	8	Guard Rail	30.00	l.m		
	9	Bunkhouse	2.00	months		
	10	Occupational Safety & Health Program	2.00	months		
	11	Fab/Installation of Billboard	1.00	unit		
	<i>Subtotal</i>					
XVIII.	Rehabilitation/Improvement of San Juan Roadways, Barangay San Juan, Tabaco City					
	SPL-1	Concrete Cutting of Existing PCCP & Demolition of Obstruction	90.00	sq.m		
	103	Excavation for Structures	90.00	cu.m		
	404	Reinforcing Steel	2,540.61	kgs		
	405	Structural Concrete	45.90	cu.m		
	SPL-2	Manhole w/ cover	15.00	unit		
	SPL-3	Removal & Disposal of Excavated Materials	89.10	cu.m		
	SPL-4	Bunkhouse	1.00	month		
	SPL-5	Occupational Safety & Health Program	1.00	month		
	SPL-6	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					
XIX.	Rehabilitation/Improvement of San Isidro Spillway, Barangay San Isidro, Tabaco City					
	SPL-1	Clearing & Demolition Works	40.00	m ²		
	103	Excavation for Structures	22.60	m ³		
	404	Reinforcing Steel Bars	1,136.81	kgs		
	405	Structural Concrete	22.05	m ³		
	516	Handlaid Rock Embankment	75.00	m ³		
	504	Grouted Riprap	19.80	m ³		
	SPL-2	Concrete Cutting of Existing PCCP & Demolition of Obstruction	490.00	m ²		
	101	Sub-Grade Preparation	490.00	m ²		
	311-2	Portland Cement Concrete Pavement	490.00	m ²		
	SPL-3	Removal & Disposal of Unsuitable/Excavated Materials	66.15	m ³		
	SPL-4	Bunkhouse	1.50	months		
	SPL-5	Occupational Safety & Health Program	1.50	months		
	SPL-6	Fab/Installation of Billboards	1.00	unit		
	<i>Subtotal</i>					

XX.	Rehabilitation/Improvement of Comon Bridge Approach, Barangay Comon, Tabaco City					
	Section A-A (8.90 L.M. River Control)					
	SPL-1	Clearing & Demolition Works	37.38	sq.m		
	103	Excavation for Structures	5.79	cu.m		
	404	Reinforcing Steel Bars	382.72	kgs		
	405	Structural Concrete	10.28	cu.m		
	516	Handlaid Rock Embankment	11.21	cu.m		
	SPL-2	Bunkhouse	1.50	month		
	SPL-3	Occupational Safety & Health Program	1.50	month		
	SPL-4	Fab/Installation of Billboards	1.00	month		
	Section B-B (50.0 L.M. River Control)					
	SPL-1	Clearing & Demolition of Damaged Structures	175.00	sq.m		
	103	Excavation for Structures	50.00	cu.m		
	404	Reinforcing Steel Bars	2,814.41	kgs		
	405	Structural Concrete	64.88	cu.m		
	516	Handlaid Rock Embankment	110.63	cu.m		
	504	Grouted Riprap	34.50	cu.m		
	Subtotal					
XXI.	Rehabilitation/Improvement of Oson Roadways, Barangay Oson, Tabaco City					
	1	Clearing & Grubbing	500.00	sq.m		
	2	Levelling Course	82.50	cu.m		
	3	Sub-Grade Preparation	500.00	sq.m		
	4	Portland Cement Concrete Pavement(t=0.15m)	500.00	sq.m		
	5	Bunkhouse	1.00	months		
	6	Occupational Safety & Health Program	1.00	months		
	7	Fab/Installation of Billboards	1.00	unit		
	Subtotal					
Cluster II – Rehabilitation / Improvement of Oras Box Culvert, Brgy. Oras, Tabaco City, Tabaco City						
	Section A					
	1.	Care & Re-routing of Waterways	1.00	lot		
	2.	Demolition & Removal of Obstruction	45.00	cu.m		
	3.	Structural Excavation	351.00	cu.m		
	4.	Backfilling/ Filling Materials	276.00	cu.m		
	5.	Reinforcing Steel Bars	82.20	kgs		
	6.	Concrete Works	150.09	cu.m		
	7.	Forms & Scaffoldings	192.00	sq.m		
	8.	Guard Rail	50.00	L.M.		
	Section B					
	1.	PCCP (t=0.20m)	70.20	sq.m		
	2.	Structural Excavation	12.17	cu.m		
	3.	Reinforcing Steel Bars	857.55	kgs		
	4.	Concrete Works	16.73	cu.m		
	5.	Handlaid Rock Embankment	14.74	cu.m		
	6.	Fab/ Installation of Billboards	1.00	unit		
	Section C					
	1.	Demolition & Removal of Obstruction	812.00	sq.m		
	2.	Structural Excavation	229.39	cu.m		
	3.	Reinforcing Steel Bars	14,300.82	kgs		
	4.	Concrete Works	377.58	cu.m		
	5.	Handlaid Rock Embankment	1,364.16	cu.m		
	6.	Grouted Riprap	49.02	cu.m		
	SPL 1	Cleaning & Deepening of Waterways	40,860.80	cu.m		
	SPL-2	Bunkhouse	5.00	months		
	SPL-3	Occupational Safety & Health Program	5.00	months		
	Subtotal					
	Grand Total					

Name of the Company/Bidder

Signature over Printed Name
of Authorized Representative

Date

Section IX

Bidding Forms

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

Contract ID No. *023-08-2018-INFRA*
Name of the Project: *Rehabilitation / Improvement of Various Infrastructure Projects*
Project Location: *Various Barangays, Tabaco City*

FORM 1: List of ALL Ongoing Government & Private Contracts whether similar or not similar in nature including contracts awarded but not yet started

Business Name : _____

Business Address : _____

Name of Contract/Location And Project Cost	a. Owner Name b. Address c. Telephone Nos.	Nature of Work	Contractor's Role		a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works
			Description (sole contractor, subcontractor or partner in JV)	% of Participation		Planned	Actual	
<u>Government</u>								
<u>Private</u>								
Note: This statement shall be supported with: 1 Notice of Award and/or Contract 2 Notice to Proceed issued by the owner						Total Cost		

Submitted by : _____
(Printed Name & Signature)

Designation : _____
Date : _____

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

Contract ID No. *023-08-2018-INFRA*
Name of the Project: *Rehabilitation / Improvement of Various Infrastructure Projects*
Project Location: *Various Barangays, Tabaco City*

FORM 2: Statement of SINGLE LARGEST COMPLETED CONTRACT (SLCC) which is similar in nature

Business Name : _____

Business Address : _____

Name of Contract	d. Owner Name e. Address f. Telephone Nos.	Nature of Work	Contractor's Role		d. Amount at Award e. Amount at Completion f. 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 : _____

Procuring Entity: City Government of Tabaco City
Contract ID No.: 023-08-2018-INFRA
Name of the Project: Rehabilitation/Improvement of Various Infrastructure Projects
Location of the Project: Various Barangays, Tabaco City

FORM 3

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 : _____

FORM 4

Republic of the Philippines)
City of Tabaco) s.s.

BID SECURING DECLARATION
Project Reference No. 023-08-2018-INFRA

To: The City Government of Tabaco
Tabaco City

I, the undersigned, declare that:

1. I 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 ACCEPT THAT: (a) I will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and (b) I will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, if I have committed any of the following actions:
 - i. Withdrawn my Bid during the period of bid validity required in the Bidding Documents; or
 - ii. Fail or refuse to accept the award and center into contract or perform any and all acts necessary to the execution of the Contract, in accordance with the Bidding Documents after having been notified of your acceptance of our Bid during the period of bid validity.
3. I 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 declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I failed to timely file a request for reconsideration or (ii) I failed a waiver to avail of said right;
 - c) I am declared as the bidder with the Lowest Calculated and responsive Bid, and I have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I have hereunto set my hands this ____ day of _____ 2018 at Tabaco City, Albay.

Authorized Representative
Affiant

SUBSCRIBED AND SWORN to before me this ____ day of _____ 2018 at Tabaco City, Albay, Philippines. Affiant is personally known to me and was identified by me through competent evidence of identity as identified in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant exhibited to me his _____, with his photograph and signature appearing thereon, with no. _____ and his Community Tax Certificate No. _____ issued on _____ at _____.

Witness my hand and seal this _____ day of _____ 2018.

NOTARY PUBLIC

Doc. No. _____
Page No. _____
Book No. _____
Series of 2018

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

Contract ID No. **023-08-2018-INFRA**
Name of the Project: **Rehabilitation / Improvement of Various Infrastructure Projects**
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	Construction Foreman	Mixer Operator	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. **023-08-2018-INFRA**
Name of the Project: **Rehabilitation / Improvement of Various Infrastructure Projects**
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	Model/ Year	Capacity / Performance / Size	Plate No.	Motor No. / Body No.	Location	Condition	Proof of Ownership / Lessor or Vendor
<u>A. Owned</u>							
i.							
ii.							
iii.							
iv.							
v.							
<u>B. Leased</u>							
i.							
ii.							
iii.							
iv.							
v.							
<u>C. Under Purchase Agreements</u>							
i.							
ii.							
iii.							
iv.							

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

Name of the Procuring Entity: LGU-Tabaco City

Contract ID No. 023-08-2018-INFRA

Name of the Project: Rehabilitation / Improvement of Various Infrastructure Projects

Project Location: *Various Barangays, Tabaco City*

MANPOWER UTILIZATION SCHEDULE

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

Submitted by:

Name of the Representative of the Bidder : _____

Name of the Bidder: _____

Position : _____

Date _____

Name of the Procuring Entity: LGU-Tabaco City

Contract ID No. 023-08-2018-INFRA

Name of the Project: Rehabilitation / Improvement of Various Infrastructure Projects

Project Location: Various Barangays, Tabaco City

EQUIPMENT UTILIZATION SCHEDULE

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

Submitted by:

Name of the Representative of the Bidder : _____

Name of the Bidder: _____

Position : _____

Date _____

Omnibus Sworn Statement

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 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 of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for [Name of the Project] of the [Name of the Procuring Entity];

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 and/or to represent the [Name of Bidder] in the bidding as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary’s Certificate issued by the corporation or the members of the joint venture)];

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;

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: I am 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;

8. [Name of Bidder] is aware of and has undertaken the following responsibilities as a Bidder:

- a) Carefully examine all of the Bidding Documents;

- b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
- c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
- d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*; and

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.

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

[Bidder's Representative/Authorized Signatory]

[JURAT]

Bid Form

Date: _____

IB N°: _____

To: *The City Government of Tabaco*

Address: *Tabaco City*

We, the undersigned, declare that:

- (a) We have examined and have no reservation to the Bidding Documents, including Addenda, for the Contract [insert name of contract];
- (b) We offer to execute the Works for this Contract in accordance with the Bid and Bid Data Sheet, General and Special Conditions of Contract accompanying this Bid;

The total price of our Bid, excluding any discounts offered below is: [insert information];

The discounts offered and the methodology for their application are: [insert information];

- (c) Our Bid shall be valid for a period of [insert number] days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) 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;
- (e) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from the following eligible countries: [insert information];
- (f) 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;
- (g) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract, has not been declared ineligible by the Funding Source;
- (h) 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
- (i) We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- (j) **We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].**
- (k) **We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.**

Name: _____

In the capacity of: _____

Signed: _____

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

Date: _____

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

Contract ID No. **023-08-2018-INFRA**
Name of the Project: **Rehabilitation / Improvement of Various Infrastructure Projects**
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 : _____

Position : _____

Name of the Bidder: _____

Date _____

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

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

ORIGINAL - TECHNICAL COMPONENT
REHABILITATION / IMPROVEMENT OF VARIOUS
INFRASTRUCTURE PROJECTS,
VARIOUS BARANGAYS , TABACO CITY
CONTRACT ID NO. 023-08-2018-INFRA

DO NOT OPEN BEFORE SEPTEMBER 24, 2018, 9:30 A.M.

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

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

ORIGINAL – FINANCIAL COMPONENT

**REHABILITATION / IMPROVEMENT OF VARIOUS
INFRASTRUCTURE PROJECTS,
VARIOUS BARANGAYS , TABACO CITY
CONTRACT ID NO. 023-08-2018-INFRA**

DO NOT OPEN BEFORE SEPTEMBER 24, 2018, 9:30 A.M.

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

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

ORIGINAL BID

**REHABILITATION / IMPROVEMENT OF VARIOUS
INFRASTRUCTURE PROJECTS,
VARIOUS BARANGAYS , TABACO CITY
CONTRACT ID NO. 023-08-2018-INFRA**

DO NOT OPEN BEFORE SEPTEMBER 24, 2018, 9:30 A.M.

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

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

COPY NO. 1 - TECHNICAL COMPONENT

**REHABILITATION / IMPROVEMENT OF VARIOUS
INFRASTRUCTURE PROJECTS,
VARIOUS BARANGAYS , TABACO CITY
CONTRACT ID NO. 023-08-2018-INFRA**

DO NOT OPEN BEFORE SEPTEMBER 24, 2018, 9:30 A.M.

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

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

COPY NO. 1 – FINANCIAL COMPONENT

**REHABILITATION / IMPROVEMENT OF VARIOUS
INFRASTRUCTURE PROJECTS,
VARIOUS BARANGAYS , TABACO CITY
CONTRACT ID NO. 023-08-2018-INFRA**

DO NOT OPEN BEFORE SEPTEMBER 24, 2018, 9:30 A.M.

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

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

COPY NO. 1

**REHABILITATION / IMPROVEMENT OF VARIOUS
INFRASTRUCTURE PROJECTS,
VARIOUS BARANGAYS , TABACO CITY
CONTRACT ID NO. 023-08-2018-INFRA**

DO NOT OPEN BEFORE SEPTEMBER 24, 2018, 9:30 A.M.

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

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

COPY NO. 2 - TECHNICAL COMPONENT

**REHABILITATION / IMPROVEMENT OF VARIOUS
INFRASTRUCTURE PROJECTS,
VARIOUS BARANGAYS , TABACO CITY
CONTRACT ID NO. 023-08-2018-INFRA**

DO NOT OPEN BEFORE SEPTEMBER 24, 2018, 9:30 A.M.

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

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

COPY NO. 2 – FINANCIAL COMPONENT

**REHABILITATION / IMPROVEMENT OF VARIOUS
INFRASTRUCTURE PROJECTS,
VARIOUS BARANGAYS , TABACO CITY
CONTRACT ID NO. 023-08-2018-INFRA**

DO NOT OPEN BEFORE SEPTEMBER 24, 2018, 9:30 A.M.

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

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

COPY NO. 2

**REHABILITATION / IMPROVEMENT OF VARIOUS
INFRASTRUCTURE PROJECTS,
VARIOUS BARANGAYS , TABACO CITY
CONTRACT ID NO. 023-08-2018-INFRA**

DO NOT OPEN BEFORE SEPTEMBER 24, 2018, 9:30 A.M.

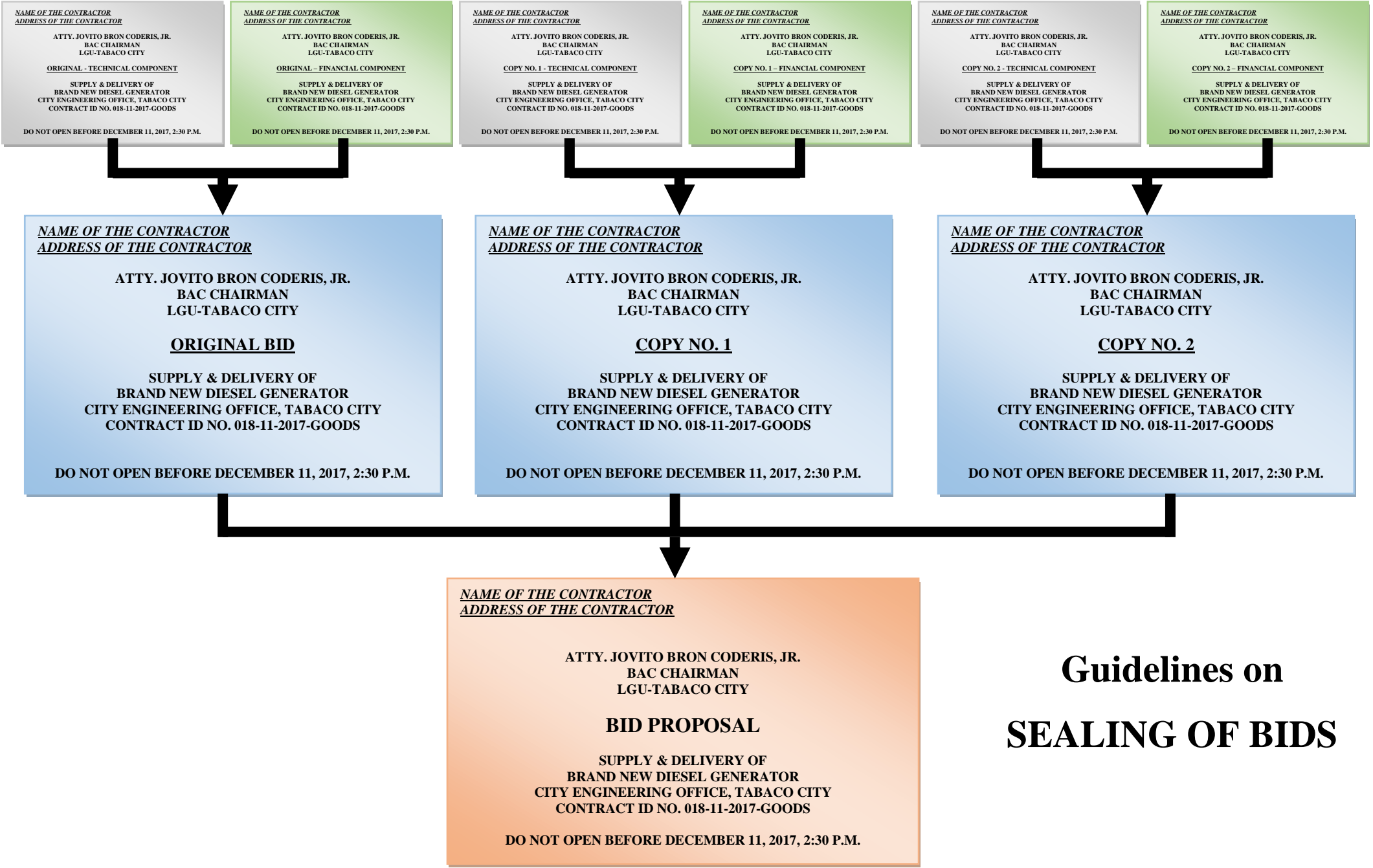
NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

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

BID PROPOSAL

REHABILITATION / IMPROVEMENT OF VARIOUS
INFRASTRUCTURE PROJECTS,
VARIOUS BARANGAYS , TABACO CITY
CONTRACT ID NO. 023-08-2018-INFRA

DO NOT OPEN BEFORE SEPTEMBER 24, 2018, 9:30 A.M.



Guidelines on SEALING OF BIDS

Checklist of Documentary Requirements for the
Procurement of INFRASTRUCTURE PROJETS

The **FIRST ENVELOPE** shall contain the following **Eligibility and Technical Components**:

(a) Eligibility Documents:

Class “A” Documents (pursuant to GPPB Circular No. 07-2017, July 31, 2017)

- i. Registration certificate from SEC for corporation, DTI for sole proprietorship, or CDA for cooperatives.
- ii. Mayor’s / Business permit issued by the city or municipality where the principal place of business is located.
- iii. Tax Clearance per E.O. 398, s. 2005, as finally reviewed and approved by the BIR.
- iv. Audited Financial Statements, showing, among others, the bidder’s total and current assets and liabilities, stamped “received” by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission.
- v. A Valid Philippine Contractors Accreditation Board (PCAB) License or Special PCAB License in case of Joint Ventures, and registration for the type and cost of the contract to be bid.
- vi. Or in lieu of the above documents, PhilGEPS Certificate of Registration and Membership under Platinum Category or a combination thereof.
- vii. Statement of all its ON-GOING 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, using **Form 1-List of All Ongoing Contracts** under Section IX. Bidding Forms. The statement shall indicate all the required information and which shall be supported by a Notice of Award, Contract and /or Notice to Proceed issued by the owner for each contract.
- viii. Statement of its SINGLE LARGEST COMPLETED CONTRACT (SLCC) similar to the contract to be bid, with a value of at least 50% of the ABC and within the last five (5) years from the submission of bids, using **Form 2-Statement of SLCC** under Section IX. Bidding Forms. The statement shall indicate all the required information and which shall be supported by the following documents:
 - a. Notice of Award and/or Notice to Proceed;
 - b. Project Owner’s Certificate of Final Acceptance or the Certificate of Completion issued by the owner other than the contractor, or the Constructor’s Performance Evaluation Summary (CPES) Final Rating, which must be satisfactory.
 - c. In case of contracts with private sector, an equivalent document shall be submitted.
- ix. Bidder’s computation of Net Financial Contracting Capacity (NFCC) (**Form 3**) which must be at least equal to the ABC to be bid, calculated as follows:

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

Class “B” Documents:

- i. If applicable, valid Joint Venture Agreement (JVA) in accordance with RA 4566 and its IRR, which includes a Special PCAB License & Registration for the type and cost of the contract to be bid valid until the duration of the project.

NOTE: Each partner of JVA shall submit the legal eligibility documents.

(b) Technical Documents:

- i. Bid Security: Bid Securing Declaration (**Form 4**) or any of the following:

Form of Bid Security	Amount of Bid Security (Not less than the Percentage of the ABC)
----------------------	---

Checklist of Documentary Requirements for the
Procurement of INFRASTRUCTURE PROJETS

a) Cash or cashier's / manager's check issued by a Universal or Commercial Bank.	2%
b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal / Commercial Bank: provided however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	2%
c) Surety Bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security	5%

ii. Project Requirements:

- a. Organizational chart for the contract to be bid showing specific names of key personnel and positions pledged for the implementation of the project.
- b. List of contractor's personnel to be assigned to the contract to be bid, with their complete qualification and experience data. These personnel must meet the required minimum years of experience set in **ITB Clause 12.1(b)(ii.2)**. Use **Form 5-Qualification of Key Personnel proposed to be assigned to the Contract**, under Section IX. Bidding Forms, which shall be supported by the following documents:
 - 1. Their complete qualification and experience data sheets (with list of supervised completed projects including amount of contracts);
 - 2. PRC Licenses for engineers/architects; and
 - 3. Certificate of Training for the Safety Engineer/Officer issued by BWC/DOLE or its authorized training centers.
- c. List of contractor's **major equipment units**, which are owned, leased, and/or under purchase agreements, appropriately **supported by proofs of ownership** such as Official Receipts of purchase/acquisition, Deed of Sale, Lease Contract, and/or Certificate of Availability of Equipment from the equipment lessor/vendor for the whole duration of the project, as the case may be, which must meet the minimum requirements for the contract set in **ITB Clause 12.1(b)(ii.3)**. **For this purpose, use Form 6-List of Equipment**, under Section IX. Bidding Forms.
- d. Construction Schedule and S-curve / Bar Chart / PERT CPM Network Diagram and detailed computations of contract time.
- e. Manpower Utilization Schedule, using **Form 7** under Section IX. Bidding Forms.
- f. Narrative Description of Construction Procedures and Methods
- g. Equipment Utilization Schedule, using **Form 8** under Section IX. Bidding Forms.
- h. Construction safety and health program
- i. Certificate of Site Inspection issued by the Office of the City Engineering or Affidavit of Site Inspection by the bidder.

iii. Omnibus Sworn Statement, using the **Form 9** under Section IX. Bidding Forms.

The **SECOND ENVELOPE** shall contain the following **Financial Bid**:

- i. Financial Bid Form (**Form 10**);
- ii. Bid prices in the Bill of Quantities (**Section VIII**);
- iii. Detailed estimates, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; and
- iv. Cash flow by quarter or payment schedule, using **Form 11**.

Checklist of Documentary Requirements for the
Procurement of INFRASTRUCTURE PROJETS

POST-QUALIFICATION DOCUMENTARY REQUIREMENTS:

- i. Latest business and income tax return for the past six months (e.g. Monthly VAT Returns, Quarterly VAT Declaration, and Quarterly Income Tax Return); and
- ii. BIR Certificate of Registration (BIR Form No. 2303)

NOTE:

Minimum Manpower Requirements:

1 Project Manager	1 Project Engineer
3 Construction Foreman	4 Heavy Equipment Operator
7 Mixer Operator	65 Skilled Laborer

Minimum Equipment Required:

1 Unit Bulldozer, D-85 or its equivalent	1 Unit Trailer Truck
1 Unit Jackhammer with Generator	2 Unit Backhoe, Crawler Type
2 Units Welding Machine with Generator	2 Units Water Truck with Tank
4 Units Stake Truck	4 Units Concrete Vibrator
7 Units One Bagger Concrete Mixer	1 Unit Plate Compactor
Enough Handtools	