## PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

# Drilling of One (1) Production Well

Government of the Republic of the Philippines



September 2022

**Sixth Edition** 

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## Glossary of Terms, Abbreviations, and Acronyms

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

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

**BAC** – Bids and Awards Committee.

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

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

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

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**CDA** – Cooperative Development Authority.

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

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

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

**CPI** – Consumer Price Index.

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

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

**Foreign-funded Procurement or Foreign-Assisted Project** – Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as

specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**GFI** – Government Financial Institution.

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

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

**GOP** – Government of the Philippines.

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

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PCAB** – Philippine Contractors Accreditation Board.

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

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

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**UN** – United Nations.

Section I. Invitation to Bid



IFP Bldg., No. 41 F.T. Catapusan St., Tanay, Rizal

Telephone: 654-3891 / 654-4450 / 654-0033

## **Invitation to Bid for Drilling of One (1) Production Well**

- 1. The **Tanay Water District**, through the **Corporate Budget for P1-3-1 / I-1** intends to apply the sum of **Five Million Pesos** (₱ 5,000,000.00) being the Approved Budget for the Contract (ABC) to payments under the contract for the **Drilling of One** (1) **Production Well located** at Asteria Subdivision Brgy. Tandang Kutyo, Tanay, Rizal with **Purchase Requisition No. 12290**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The **Tanay Water District** now invites bids for the above Procurement Project. Completion of the Works is required within **193 Calendar Days**. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
- 3. Bidding will be conducted through open competitive bidding procedures using non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
- 4. Interested bidders may obtain further information from **Tanay Water District** and inspect the Bidding Documents at the address given below during Monday Friday, **8:00 am to 5:00 pm Except Holidays**.
- 5. A complete set of Bidding Documents may be acquired by interested bidders on **September 10, 2022 to October 5, 2022, Monday to Friday 8:00 AM** − **5:00 PM Except Holidays** from the given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Five Thousand Pesos (₱ 5,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees to be presented in person, by facsimile, or through electronic means.
  - 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 **Tanay Water District** will hold a Pre-Bid Conference on **September 20, 2022, 2:00 PM** at **Tanay Water District Conference Room, 2/F IFP Bldg. #41 F. T. Catapusan St., Tanay Rizal** and/or through videoconferencing/webcasting via Zoom, which shall be open to prospective bidders.
- Bids must be duly received by the BAC Secretariat through manual submission at the
  office address as indicated below on or before October 5, 2022, 02:00 PM. Late bids
  shall not be accepted.
- 8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.

- 9. Bid opening shall be on October 5, 2022, 02:00 PM at Tanay Water District Conference Room, 2/F IFP Bldg. #41 F. T. Catapusan St., Tanay Rizal and/or through via Googlemeet. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- 10. The **Tanay Water District** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

Mr. Wilfredo R. Ognilla BAC Secretariat Tanay Water District 2/F IFP Bldg. #41 F. T. Catapusan St., Tanay Rizal Email Address: bacsec80@gmail.com

Telefax: 654-3891

12. You may visit the following websites:

For downloading of Bidding Documents: <a href="http://www.tanaywaterdistrict.gov.ph/">http://www.tanaywaterdistrict.gov.ph/</a>

**September 10, 2022** 

(SGD) Engr. Armando H. Bongat BAC Chairperson Section II. Instructions to Bidders

#### 1. Scope of Bid

The Procuring Entity, **Tanay Water District** invites Bids for the **Drilling of One** (1) **Production Well**, with Project Identification Number **Purchase Requisition No.** 12290.

The Procurement Project is for the construction of Works, as described in Section VI (Specifications).

#### 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for **P1-3-1** / **I-1** in the amount of **Five Million Pesos** (₱ **5,000,000.00**).
- 2.2. The source of funding is Tanay Water District's Corporate Operating Budget.

#### 3. Bidding Requirements

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

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

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

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

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

#### 5. Eligible Bidders

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

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

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

#### 6. Origin of Associated Goods

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

#### 7. Subcontracts

7.1. The Procuring Entity has prescribed that Subcontracting is not allowed.

#### 8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address **Tanay Water District Conference Room, 2/F IFP Bldg., # 41 F.T. Catapusan St. Tanay, Rizal** and/or through videoconferencing/webcasting as indicated in paragraph 6 of the **IB.** 

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

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

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

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for

this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.

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

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

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

#### 12. Alternative Bids

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

#### 13. Bid Prices

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

#### 14. Bid and Payment Currencies

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

#### 15. Bid Security

- 15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 15.2. The Bid and bid security shall be valid until **120 Days**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

#### 16. Sealing and Marking of Bids

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

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

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

#### 17. Deadline for Submission of Bids

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

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

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

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

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

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

- 19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "passed" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as

required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.

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

#### 20. Post Qualification

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

#### 21. Signing of the Contract

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

Section III. Bid Data Sheet

## **Bid Data Sheet**

ITB Clause						
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be  The drilling of production well and installation of uPVC well casing and screens.					
7.1	No further instructions					
10.3	NWRB accreditation					
10.4	The key personnel must meet the required minimum years of experience set below:					
	Key Personnel	General Experience	Relevant Experience			
	Supervisor/Foreman	Well Drilling	5 years			
	Drilling Rig Operator	Rotary / Percussion	5 years			
	Welder	Arc Welding	5 years			
10.5	The minimum major equip	oment requirements are th	e following:			
	<u>Equipment</u>	Capacity	Number of Units			
	Drilling Rig (Rotary) and Accessories	450mm Ø x 300 meters	1 set			
	Mud Pump		1 set			
	Generator set	90 KVA, 230/460V 3phase 60 Hz	1set			
	Air Compressor	500 cfm	1			
	Submersible pump and motor including power cable and control panel	100 cu.m/hr with TDH, coupled with 60hp, 230/460V 3phase 60 Hz				
	control panel		1 set			
	Welding machine		1			
	Water tank		1			
12	No further instruction					
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:					
	a. The amount of not less than <b>One Hundred Thousand Pesos</b> (₱ 100,000.00) (2% of ABC), if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;					

	b. The amount of not less than <b>Two Hundred Fifty Thousand Pesos</b> (*P 250,000.00) (5% of ABC) if bid security is in Surety Bond.
19.2	No further instruction
20	NWRB accreditation
21	Submission of construction schedule, PERT CPM and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE.

Section IV. General Conditions of Contract

#### 1. Scope of Contract

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

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

#### 2. Sectional Completion of Works

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

#### 3. Possession of Site

- 4.1. The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the SCC, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.
- 4.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

#### 4. The Contractor's Obligations

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

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

#### 5. Performance Security

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

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

#### 6. Site Investigation Reports

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

#### 7. Warranty

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the **SCC**.

#### 8. Liability of the Contractor

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

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

#### 9. Termination for Other Causes

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

#### 10. Dayworks

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

#### 11. Program of Work

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

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

#### 12. Instructions, Inspections and Audits

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

#### 13. Advance Payment

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

#### 14. Progress Payments

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

#### 15. Operating and Maintenance Manuals

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

Section V. Special Conditions of Contract

GCC Clause	
2	No further instruction
4.1	The possession of the site to the Contractor is within Ten (10) days after receipt of Notice to Proceed
6	The site investigation report is based on the Well Drilling Report for Asteria Subdivision located at Brgy. Tandang Kutyo, Tanay, Rizal
7.2	Deep wells: Two (2) years.
10	No dayworks are applicable to the contract.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <b>Ten</b> (10) Calendar Days of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is <b>five</b> (5%) <b>of the previous work accomplishment</b> .
13	The amount of the advance payment is <b>fifteen (15) percent of the Contract Price</b> subject to the requirements in Annex "E" of the 2016 revised IRR of RA No. 9184
14	Materials and equipment delivered on the site but not completely put in place shall not be included for payment.
15.1	The date by which Well Drilling report including "as built" drawings are required is <b>upon submission of final billing request.</b>
15.2	The amount to be withheld for failing to produce "as built" drawings and Well Drilling Report by the date required is <b>Ten Thousand Pesos</b> ( <b>P 10,000.00</b> ).

Section VI. Specifications

## TECHNICAL SPECIFICATIONS

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#### 1.0 GENERAL

#### 1.1 Scope

The work includes the Drilling of One (1) Production Well (250mmØ x 210m depth) at Asteria Subd., Brgy. Tandang Kutyo for Tanay Water District, including installation of casing/screens, well development, well testing, well completion and the submission of Final Well Drilling Report.

#### 1.2 Technical Standards

All materials or workmanship shall comply with the specifications. Other standards equal or superior to those enumerated in this specification, shall be acceptable, subject to the approval of the Procuring Entity's Engineer. The opinion of the Procuring Entity's Engineer must be obtained prior to utilizing such materials or workmanship on or off the site.

#### 1.3 Water Supply and Illumination

In the absence of adequate quantities of water or illumination required for drilling at the drill site, the Contractor shall make such arrangements including the provision for mobile tanks or fixed tanks as may be necessary to ensure a supply of water and illumination sufficient for drilling operations.

#### 1.4 Electrical Power Supply

- The Contractor will make arrangement as may be necessary for the connection of or supply of power to the site.
- 2. Payment for the provision of electrical power supplies as specified in sub-clause 1.4 (1) shall be deemed to be included in the rates entered in the BOQ for setting up equipment at the site, drilling rates and rates entered for operation of pumping unit.

#### 1.5 Storage of Inflammables

The Contractor shall comply with all local authority regulations applicable to the use and storage of diesel oils, petrol, paraffin and other inflammable fuels used by him on the site, and shall ensure that adequate precautions are taken against fire.

#### 1.6 Boundaries of Work

The Procuring Entity shall provide land or rights-or-way for the work specified in this Contract and make suitable provisions for ingress and egress, and the Contractor shall not enter or occupy with men, tools, equipment or material, any ground outside the property of the Procurement Entity without the written consent of the Procuring Entity of such property. Other Contractors and employees or agents of the Procuring Entity may, for all necessary purposes, enter upon the work and premises used by the Contractor, and the Contractor shall conduct his work so as not to impede unnecessarily any work being done by others on or adjacent to the site.

#### 1.7 Access Roads

Construction or improvement of access roads to the wells shall, unless otherwise agreed, be done by the Contractor at his own cost, which is deemed to be included in the contract sum. The access road shall be kept in proper condition during the entire construction period.

#### 1.8 Protection of Site

- 1. Excepting as otherwise provided herein, the Contractor shall protect all structures, walks, pipelines, trees, shrubbery, laws, etc. during the progress of his work, shall remove from the site all drill cuttings, debris, and unused materials, and shall upon the completion of the work restore the site as nearly as possible to its original condition, including removal of access tracks and the replacement, at the Contractor's sole expense, of any facility or landscaping which has been damaged beyond restoration to its original condition as to the satisfaction of the Procuring Entity's Engineer.
- Water pumped from the well shall be conducted to a place approved by the Procuring Entity's Engineer where it will be possible to dispose the water without damage to property or creation of a nuisance.

#### 1.9 Site to be Kept Tidy

The Contractor shall at all times keep the site and all working areas in a tidy and workmanship condition and free from rubbish and waste materials.

#### 1.10 Temporary Buildings for Use by Contractor

The Contractor shall provide at the site of the works such temporary buildings, tanks, workshops, etc. as may be necessary and proper for his general use in connection with the works, and for the use of persons employed by him. The nature of the buildings, tanks, etc. and the positioning of them shall be subject to the prior approval of the Procuring Entity and the relevant authorities.

#### 1.11 Well Head Protection

- At all times during the progress of the work, the Contractor shall protect the well in such manner as to effectively prevent either tampering with the well or the entrance of foreign matter into it, and upon its completion he shall provide and install a well head cap satisfactory to the consultant.
- 2. In the event that the well becomes contaminated or that water having undesirable physical or chemical characteristic has entered the well due to the negligence of the Contractor, he shall at his own expense perform such work or supply casings, seals, sterilizing agents or other materials as may be necessary to eliminate the contamination or to exclude any undesirable water in the well.

#### 1.12 Transport of personnel and equipment

- 1. The Contractor shall supply and operate all transport required for transporting his employees, materials and equipment.
- 2. The cost of movement of personnel, materials and equipment shall be included in the rates given for drilling, development and pump operation.

#### 1.13 Site Preparation and Reinstatement

- 1. The Contractor shall prepare the site, provide all necessary tanks and pits and make all necessary arrangements for erecting and dismantling the drilling unit and shall reinstate the site on completion of such phase of work to the satisfaction of the Procuring Entity.
- 2. Payment shall be deemed to be included in the items entered in the BOQ for erection and dismantling of drilling rigs.

#### 1.14 Standing Time

Standing time will be paid only when drilling is suspended upon written instruction of the Procuring Entity or authorized representative.

#### 1.15 Water Level Sounding

The Contractor shall provide a functioning and accurate water sounding instrument acceptable to the Procuring Entity to measure the water level, development and testing of the well. Failure to provide such will subject the Contractor to a penalty of P500.00 per day.

#### 2.0 WELL DRILLING

#### 2.1 Equipment

The Contractor shall provide and operate at least one (1) drilling rig including all auxiliary equipment, lubricants, fuels and spares necessary to complete the work within the contract period.

The rig shall have sufficient capacity to drill the specified boreholes in the diameters specified in the tentative well design to a depth which is minimum 25% higher than indicated in the design.

#### 2.2 Drilling Method

All drilling shall, have unless otherwise specified, be performed with the rotary drilling method.

The Contractor shall drill the hole to such depth and with such a diameter which shall enable an easy installation of casing and screen and placement of gravel pack with a uniform thickness as specified.

#### 2.3 Strata Sampling

Soil sample shall be taken every meter of penetration or less when change of formation occurs. Samples shall be placed in plastic or other appropriate bags in which the sampling depth and the date of sampling is written in such a manner that it is permanently readable. Each sample shall be placed in a wooden box with enough space for storage.

A record of samples taken with the details described above shall be submitted to the Procuring Entity everyday.

Payment for sampling shall be deemed to be included in the rates entered for drilling in the BOQ.

The failure on the part of the Contractor to obtain, preserve and deliver samples or records, satisfactory to the Procuring Entity's Engineer, shall be considered as actual damage to the Procuring Entity. Such a failure shall authorize the Procuring Entity's Engineer to retain from money due or to become due the Contractor the sum of P1,500.00 as liquidated damages for each sample that the Contractor shall fail to obtain, preserve or deliver, or for each length of pipe not properly measured and recorded in the order in which it was placed in the well. In the event that, in the opinion of the Procuring Entity's Engineer, the failure of the Contractor to take and preserve the samples may affect the proper design of the well, the Contractor may be required to perform such work as the Procuring Entity's Engineer deems necessary to remedy such failure at no cost to the Procuring Entity. It is understood that the liquidated damages herein provided are fixed, agreed and not by way of penalty; and that the Procuring Entity shall not be required to prove that he has incurred actual damages. If possible, water level should be monitored every shifting of personnel.

#### 2.4 Drilling Mud

Bentonite, if used, shall be of premium quality in accordance with API Standard 13A with 150 kg/cum of make up water yielding a mud with a viscosity of between 35 and 40 seconds using a Marsh Funnel and a mud weight of less than 1.10 kg/1 (9.2 lb/US gal.)

Make up water shall be treated with caustic soda (soda ash) to maintain the pH between 8.0 and 9.0 prior to mixing mud.

During drilling with mud, the Contractor shall perform hourly measurements of the following mud characteristics.

- pH value
- Funnel viscosity
- Specific gravity
- Sand content
- Filtration loss
- Filter cake thickness

The recorded mud characteristics shall not exceed the following values, without the prior approval of the Owner:

- Specific gravity : 9.5 lb/gal
- Sand content : 4%
- Filter loss : 10 ml
- Filter cake : 1.5 mm

#### 2.5 Working Hours

All work from start of drilling of the borehole until completion of well development shall be on a round the clock basis.

#### 3.0 GEOPHYSICAL LOGGING

#### 3.1 Equipment

The geophysical logs may be recorded either by automatic recording on a chart strip or by manual reading of recorded values. In case the logs are by the manual method, reading shall be taken every meter of borehole depth.

#### 4.0 WELL CASING

#### 4.1 Well Blank Casing

1. The technical specifications for the permanent casing are as follows:

Material: PVC

Method of Jointing: Square Treaded

Must Conform with DIN 4925

Nominal Dia. Outside Dia. (mm)		Wall Thickness (mm)	Collapse	
(mm)	min	max	min	Resistance
250	280	280.5	12.5	15.5 kg/cm <sup>2</sup>

2. The Contractor shall assume responsibility for any casing failure and shall correct such failure, as approved by the Procuring Entity's Engineer, at no cost to the Procuring Entity. In the event that the Contractor cannot correct a casing failure, the Contractor shall replace the casing with material complying with the specifications, or if necessary, better casing as approved by the Procuring Entity's Engineer at no extra cost to the Procuring Entity.

#### 4.2 Temporary Casing

The Contractor shall provide such temporary casing as may be necessary to prevent the collapse of any formation during the drilling operation to allow the well to be sunk to the specified depth and to allow the insertion of permanent lining material as required. The Contractor shall remove the temporary casing before completing the well, unless otherwise specified.

#### 4.3 Lining Installation

- Lining material shall be assembled and located in well at the required depth in a continuous operation. The lining material shall be set concentric within the borehole by centralizing bars unless otherwise agreed with the Procuring Entity's Engineer.
- 2. If the lining jams or is lost before it is set to the specified depth, the Contractor shall endeavor to remove the lining material from the well or, if unable to effect removal, shall re-drill the well and replace the lining material at his own expense.

#### 4.4 Lining Material Accessories

- The Contractor shall provide as necessary the following accessories to see the lining material to the required depth.
  - a. Supporting clamps, equipment and tools;
  - b. Reducing cones and connecting pieces;
  - c. Casing hangers:
  - d. All other necessary equipment.
- Except where expressly provided, all accessories shall be deemed to be included in the BOQ for the provision and insertion of lining material.

#### 4.5 Testing for Plumbness and Alignment

- 1. All boreholes shall be constructed, plumb and true to line as defined herein. To demonstrate the compliance of his work with this requirement, the Contractor shall furnish all labor, tools and equipment and shall provide the detailed drawing and the description of the tests to the satisfaction of the Procuring Entity's Engineer.
- Test for plumbness and alignment must be made before lining installation. Additional
  tests however, may be made by the Contractor during the performance of the work. No
  specific payments shall be made for making these tests.

#### 5.0 WELL SCREEN

#### 5.1 Well Screen

1. The technical specifications for the well screen are as follows:

Material: PVC

Method of Jointing: Square Treaded

Must Conform with DIN 4925

Nominal Dia.	Outside Dia. (mm)		Wall Thickness (mm)	Slot No.
(mm)	min	max	min	min
250	280	280.5	12.5	No. 60

#### 5.2 Screen Accessories

All fittings, packers, coupling, joints, plugs and seals used during installation of well-screen together with the installation procedure, shall be to the approval of the Procuring Entity's Engineer.

#### 6.0 GRAVEL PACK, FILTER PACK AND FILL PIPE

#### 6.1 Scope

The Contractor shall provide and install a well-rounded, sorted siliceous grain gravel pack materials from river or ocean deposit and a gravel fill pipe.

#### 6.2 Filter Material

The filter material or gravel pack should be of a uniform size (No.10) which is just slightly larger than the size of the slots in the pvc well screen. Filter material must be clean to minimize filter pack collapse and reduce well development time. Angular rock should not be used since it will compact when the well is pumped and can severely restrict the flow of water.

#### 6.3 Installation / Placing of gravel pack

Gravel pack shall be installed immediately upon completion of lining installation. Installation of gravel pack shall be done by circulation of drilling water. The filter material shall be slowly poured into the annular space between the borehole and the casing such that separation of gravel and bridging is avoided. A feeler line or weighted measuring tape should be used to confirm where the top filter of the pack is.

#### 6.4 Gravel Fill Pipe Installation

The contractor shall provide and install a 50mm dia x 18 meters G.I. pipe and ensure that the top part/level of the gravel pack is more than 3 meters above from the bottom end of the gravel fill pipe.

#### 7.0 WELL DEVELOPMENT

#### 7.1 Scope

Well development shall consist of treatment of polyphosphate solution, high velocity water jetting and airlifting as specified in the BOQ.

The Contactor shall furnish compressors, electric generators, jetting tools and other equipment required for satisfactory well development and re-development.

#### 7.2 Treatment of Polyphosphate Solution

Mud displacement shall immediately be followed by injection and/or jetting through the screened sections with a polyphosphate solution or equivalent to deflocculates the mud cake on the borehole wall. The well shall be left for 24 hours before developing is continued to allow the polyphosphate to react.

#### 7.3 High Velocity Jetting

The Contractor shall develop the well on all screen sections by high velocity jetting. The jetting tool shall be equipped with nozzles as properly placed to the satisfaction of the Procuring Entity's Engineer.

The development shall be carried out by slowly rotation the jetting tool and gradually lowering it in order to cover the entire surface of the screen.

Section of the screen shall be jetted until the return water is free from drilling mud for 12 hours or as specified in the BOQ.

#### 7.4 Development by Airlifting

Upon completion of high velocity jetting, the well shall be discharged by the airlifting method. Development shall continue to ensure that all sand has been cleaned out of the sump pipe.

#### 7.5 Well Cleaning

Upon completion of the development operations, the Contractor shall demonstrate to the satisfaction of the Consultant that the bottom of the well is clear of all sand, mud and other foreign materials.

#### 7.6 Freedom from Sand

The Contractor shall develop the well with methods specified herein until the water pumped from the well is substantially free from sand and until the turbidity is less than the Silica scale described in the Standard Methods of Water Analysis (latest edition as published by AWWA, APHA, and WPCT).

The water pumped from the well shall not contain an amount of fine material in excess of 1.0 mg/liter when the well is pumped at its maximum expected yield. The equipment for measurement of the sand content shall be furnished by the Contractor.

#### 7.7 Acceptance of Development

The development by the specified method shall be repeated and continued until the well is thoroughly developed in accordance with the criteria specified in Sub-Section 7.5.

If after well development works has been completed and the well is found to be sand free in accordance with Section 7.6, but the well production is still below the anticipated well yield, then the Engineer may instruct the Contractor to perform further well development.

#### 7.8 Expected Yield

The Contractor shall develop the well to its maximum expected yield in the range of 15-25 lps.

#### 8.0 WELL TESTING

#### Scope

- 8.1 The Contractor shall, unless otherwise specified, provide and operate a Pumping Unit for the following purposes:
  - a. Step-drawdown pumping test on the completed well
  - b. 72 hours constant discharge pumping test on the completed well, and
  - 12 hours recovery test or when water level reaches its original static water level, whichever comes first.

#### 8.2 Equipment Capacity

- The Contractor shall provide and operate pumping machinery capable of carrying out the specified pumping and shall provide adequate controls to allow discharge rates to be kept constant at varying pumping water levels and to permit pumping with a variation of not more than 5% of the designated discharge rate during any period of yield or aquifer testing.
- 2. The pumping unit must be able to deliver a discharge rate 50% higher than the expected yield of the well and a minimum discharge, which is 15% higher of the expected yield of the well when suitably throttled by use of a gate valve.
- 3. Suitable pumping machinery will be deemed to be:

Submersible electric pump unit together with generator and such accessories needed to run the pump.

#### 8.3 **Equipment Operation**

- 1. The Contractor shall supply and operate all equipment and accessories necessary for installation and removal of pumps.
- The Contractor shall maintain on site sufficient fuels, lubricants, spares and other accessories needed to run the Pumping Unit for whatever period may be specified by the Procuring Entity's Engineer.
- 3. The Contractor shall provide sufficient competent personnel including a qualified mechanic and electrician, as may be necessary to install and operate the Pumping Unit.

#### 8.4 Control of Discharge Rate

The Contractor shall, during the pumping tests, provide a suitable gate valve on the discharge pipeline, to facilitate easy control of the discharge rate.

#### 8.5 Water Level Sounding Pipe

- The Contractor shall, if instructed by the Procuring Entity's Engineer, provide and install a
  temporary tube of at least 1 inch diameter from the top of the well to 2 inches above the
  pump bowl assembly to facilitate easy measurements of water level. The tube shall be
  open only at the bottom and top.
- Payment for providing, installing and removing the tube shall be deemed to be included in the rates given for pumping tests.

#### 8.6 Discharge Rate Monitoring

Discharge rates may be measured by drum filling or a water meter. All items are subject to the Procuring Entity's Engineer's approval before start of pumping test.

#### 8.7 **Definition of "Pumping Unit"**

The equipment specified in Clause 8.2-8.6 is hereto referred as the pumping equipment used to draw water from the well during pumping test.

#### 8.8 Pumping Procedure

The Procuring Entity will determine the pumping procedure necessary to obtain the objectives of the Contract.

#### 8.9 Suspension of Pumping

If the Procuring Entity's Engineer considers that the absence or condition of any equipment, personnel, fuel, lubricants or accessories will prejudice the quality of data obtained from any pumping test, then he may suspend the work in accordance with the provision of the Contract.

#### 8.10 Equipment Breakdown During Pumping

- The pumping must be continuous and at a constant rate during the pumping tests. The Procuring Entity will instruct the Contractor as to the expected maximum duration of each pumping test before start of each test.
- 2. If pumping is interrupted or the discharge rate fluctuates by more than 5% of the designated discharge rate, the test may be repeated after a period of recovery determined by the Procuring Entity.
- 3. If any pumping test is interrupted because of equipment breakdown or inadequate supervision or discharge control, no payment will be made for any pumping period before recommending the re-test.

#### 8.11 **Duration of Tests**

- The step-drawdown pumping tests shall be performed on 5 steps with duration of 60 minutes each.
- 2. The constant discharge pumping tests shall be performed for a period of 72 hours, unless otherwise instructed by the Procuring Entity.

#### 8.12 **Temporary Pipeline**

- 1. The Contractor shall provide a temporary pipeline as directed by the Procuring Entity during pumping tests, to convey pumped water to a suitable water course or drain.
- Under certain circumstances when re-infiltration cannot be avoided, the Procuring Entity's Engineer shall determine to what distance from the well, pumped water may be discharged to the ground.

#### 9.0 WATER QUALITY TEST

#### 9.1 Procedure

The Contractor shall collect water samples for analysis to determine the suitability for domestic consumption. During the constant discharge test, a (4) four liter water sample should be collected for laboratory analysis 4 minutes before putting off the pump.

The samples shall be sent to DOH accredited laboratory where the following test will be conducted:

#### A. PHYSICAL ANALYSIS

- a. Color
- b. Turbidity
- c. Odor

#### B. CHEMICAL ANALYSIS

Chemical Characteristics / Constituents

- a. Total Hardness
- b. pH
- c. Total Dissolved Solids
- d. Arsenic
- e. Cadmium
- f. Chlorine
- g. Lead
- h. Nitrate
- i. Sodium
- j. Sulfate

#### C. BACTERIOLOGICAL ANALYSIS

- a. Coliform
- b. Heterotrophic Plate Count

#### 9.2 Sample Presentation and Preparation

The Contractor shall ensure the integrity of the samples collected. As much as possible all samples for laboratory analysis shall be submitted within 24 hours from sampling without preservative, provided samples are kept in a cooler.

The sample containers should be such that when filled with the desired amount of sample, space roughly equivalent to 1 percent of the volumetric capacity of the container is available for expansion of the liquid.

Stopper or cap closing the sample container must be fixed in place by wire, tape or cord to prevent leakage during transit. It should be wrapped with a relatively inert metal foil.

Sample containers must be properly labeled. A tag securely affixed to the container should be provided with the following information:

- a. Date and time of sampling
- b. Source of sample
- c. Type of pumping test and discharge rate
- d. Name of collector

#### 9.3 Field Test Kit and Instrument

The Contractor shall provide field test kit for chloride analysis, by titration, and functioning and accurate electrical conductivity/TDS meter. Failure to provide such will subject the Contractor to penalty of P500.00 a day.

#### 10.0 CEMENT GROUTING

#### 10.1 Grouting Material

- Cement grout shall consist of a mixture of 95% Portland Cement, 5% bentonite and clean water, mixed in the proportion of 52.5 kg of Portland Cement/Bentonite to max. 30 liters of water.
- All cement shall, unless otherwise specified in the Contract Documents, conform to the "Specifications for Portland Cement" (ASTM C150-latest revision)

#### 10.2 Method of Placing Grout Material

- The method and equipment for placing the grout shall be to the approval of the Procuring Entity. No method will be approved that does not provide for the forcing of grout from the bottom of the casing/hole/annulus to be grouted, to the surface. Flushing of the annular space with fluid to assure the space is open and to remove loose material will be required by the Procuring Entity before grouting is commenced.
- Any grouting operation shall be continuous and before starting, sufficient grout shall be mixed to complete the whole operation. During the grouting operation, the mixed grout shall be continuously stirred. The Contractor shall provide such tanks, hoppers and other equipment as may be necessary to meet these requirements.

#### 10.3 Starting Time

No work will be allowed on the well within a period of 72 hours after completion of grouting unless quick setting cement is used. In such case, the idle period may be reduced to 24 hours subject to the Procuring Entity's prior approval.

#### 11.0 WELL CLEANING

The Contractor shall upon completion of well construction and well testing thoroughly clean the well of all foreign substance including tools, timbers, rope, and debris of any kind, cement, oil, grease and scum.

#### 12.0 WELL COMPLETION

#### 12.1 Scope

The Contractor shall provide and operate all equipment necessary to restore the site as near as possible to its original condition before commencement of drilling and shall furnish and install a well head cap as specified in the Contract Drawings.

#### 12.2 Site Restoration

The site shall be restored to a condition as nearly as possible to that which existed before the well drilling and testing activities commenced. This work shall include, but not limited to,

restoration of fences and structures, removal of drill cuttings, leveling of the disturbed ground surfaces and replacement or compensation for the destroyed plants and landscaping.

## 12.3 Well Head Capping

The well shall be completed with a well head assembly as well as water level sounding tube with screw cap in order to prevent any unauthorized tampering of the well.

## 13.0 SUBMITTAL OF REPORTS, BOREHOLE DATA AND WATER QUALITY ANALYSIS

The Contractor shall submit to the Procuring Entity the daily time records containing the following information:

Site:

Date:

Description of each stratum encountered:

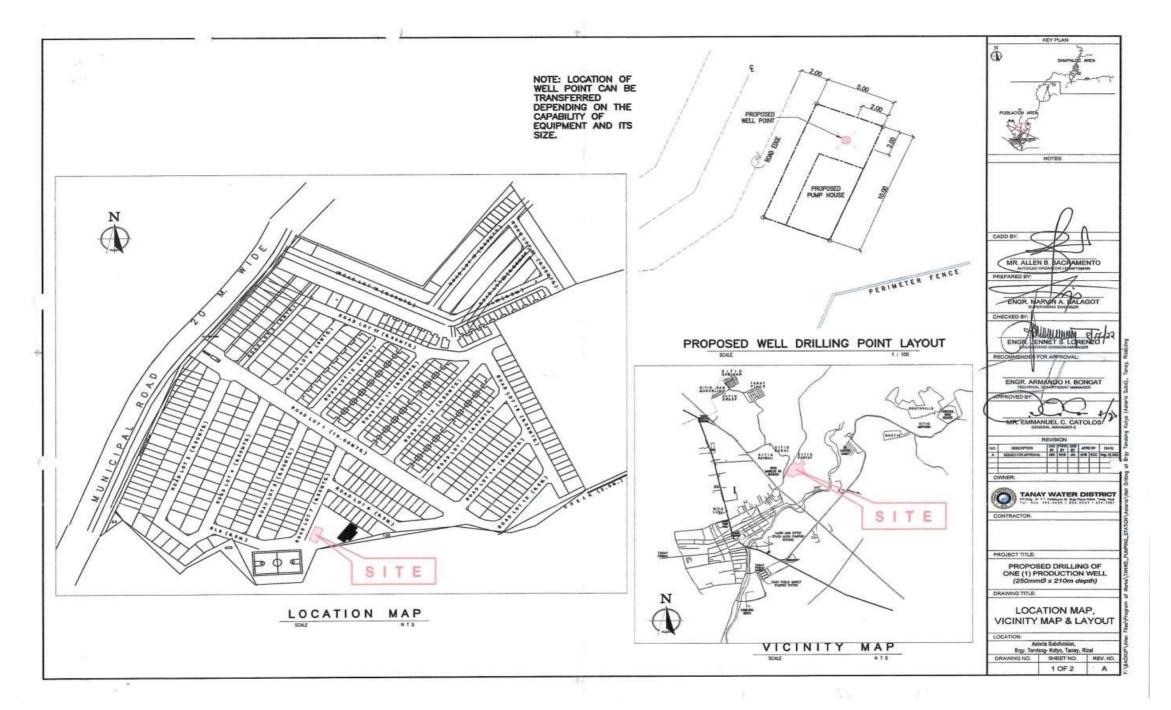
Depth below ground of each change of stratum:

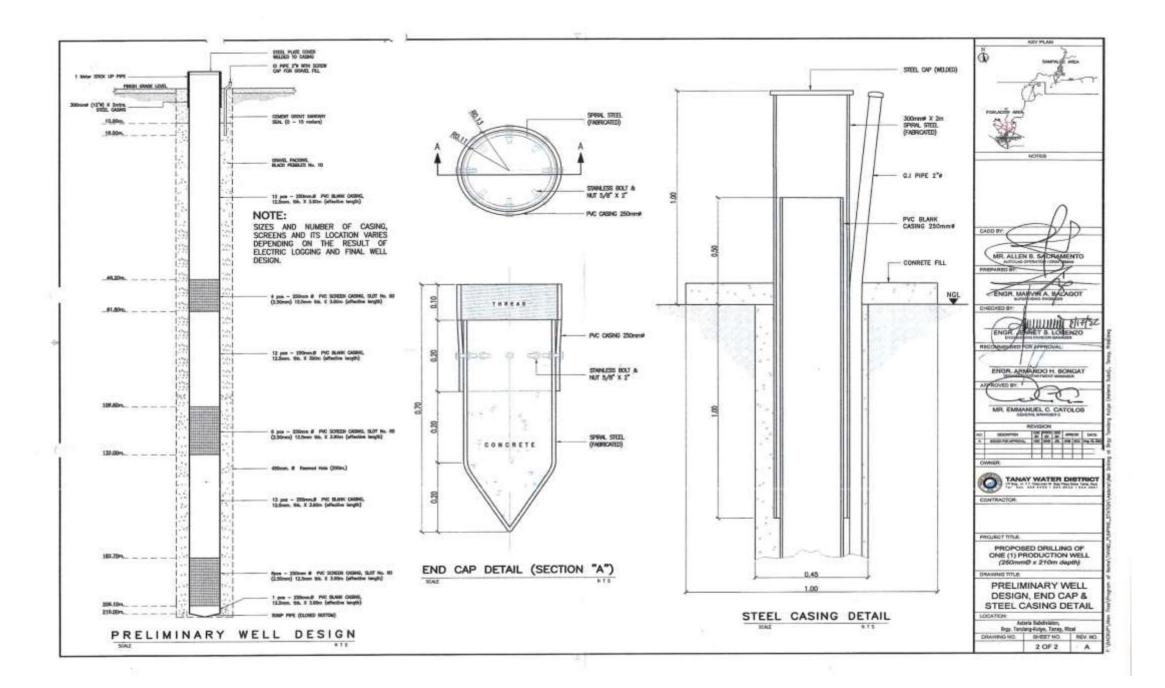
The Contractor shall be required to keep a record of penetration rate, mud losses and mud conditions.

At the end of the well construction and before final payment is made, the Contractor shall submit to the Procuring Entity a final report containing the following information:

- a. The total depth of the well
- b. Description of strata encountered
- c. The size and lengths/specifications of the casings installed
- d. The date of the start and the completion of the well construction
- e. The location and the description of the casings and screens
- f. The location of the gravel, the size and the amount of cement installed
- g. Records of discharge rates and drawdown during well development together with the description of t the methods of development
- n. The well yield, the dates and the duration of the tests
- i. The method of measuring the discharge rates and the drawdown
- j. The complete water quality analysis

Section VII. Drawings





Section VIII. Bill of Quantities

## **BILL OF QUANTITIES**

Pay Item No.	Description	Unit	Unit Qty. Unit Price Amount (Pesos) (Pesos)		
1.0	Mobilization of drilling unit, including all accessories and staff to project site.	lot	1.00	In words: Pesos	In words: Pesos
2.0	Preparation of Site and Setting- up of equipment	lot	1.00	In words: Pesos	In words: Pesos

3.0	Drilling of pilothole (200mmØ) pilothole, including strata sampling every meter of penetration or less when change of formation occurs and installation of temporary casing if necessary	Mts	210.00	In words: Pesos	In words: Pesos
4.0	Geo-physical borehole logging, self-potential and electric resistivity, and to submit result, report and recommendation .	lot	1.00	In words: Pesos In figures: Php	In words: Pesos In figures: Php
5.0	Well Plumbness and Alignment.	lot	1.00	In words: Pesos	In words: Pesos

6.0	Reaming of pilot hole to 450mm Ø borehole from ground surface to final depth or as instructed by the Engineer /or authorized representative.	Mtrs	210.00	In words: Pesos	In words: Pesos
7.0	Furnishing of 250mm Ø (10"Ø) N.D. uPVC Blank Casing 280mm outside dia., wall thickness of 12.5mm one end socketed. M/F end trapezoidal thread at 4 m. length end to end as per DIN 4925	pcs.	38.00	In words: Pesos	In words: Pesos
8.0	Furnishing of 250mm Ø (10"Ø) N.D. uPVC Screen casing 280mm" outside dia., (slot no. 60) wall thickness of 12.5mm one end socketed, M/F end trapezoidal thread at 4 m. length end to end as per DIN 4925	pcs.	16.00	In words: Pesos	In words: Pesos

9.0	Furnishing of 250mm Ø (10"Ø) End Cap	pc.	1.00	In words: Pesos In figures: Php	In words: Pesos
10.0	Installation of End cap, Casings and Screens	mtrs	210.00	In words: Pesos In figures: Php	In words: Pesos
11.0	Furnishing and installation of gravel pack/ formation stabilizers in annular space around casing and screens.	Mtrs	195.00	In words: Pesos In figures: Php	In words: Pesos
12.0	Furnishing & installation of gravel fill pipe 50mm Ø with screw cap.	mtrs	19.00	In words: Pesos	In words: Pesos

13.0	Chemical Treatment with polyphosphate solution	lot	1.00	In words: Pesos In words: Pesos
14.0	Well Development by high velocity water jetting.	Hrs.	12.00	In words: Pesos In words: Pesos
15.0	Well Development by Airlifting.	hrs.	24.00	In words: Pesos In words: Pesos
16.0	Step-drawdown pumping test, 5 steps at 60 mins.	lot.	1.00	In words: Pesos In words: Pesos

17.0	Constant Discharge	hrs	72.00	In words: Pesos In words: Pesos
	Pumping Test (Continuous)	1113	72.00	In figures: Php In figures: Php
18.0	Recovery Test			In words: Pesos In words: Pesos
		hrs	12.00	In figures: Php In figures: Php
19.0	Disinfection, Water Quality Test / Analysis and to submit results	lot.	1.00	In words: Pesos In words: Pesos
20.0	Furnishing and Installation of 300 mm steel pipe as stick up pipe	lot	1.00	In words: Pesos In words: Pesos

21.0	Cement grouting of annular space from ground surface to 15 meters.	Mtrs	15.00	In words: Pesos	In words:	Pesos
22.0	Well completion, furnishing and installation of water level sounding tube and well head cover.	lot	1.00	In words: Pesos	In words:	Pesos
23.0	Site clean-up and demobilization.	lot	1.00	In words: Pesos	In words:	Pesos
			Tot	al Amount in Figures		
Total		Amour	nt	in	WC	ords:
Name <sub>.</sub> Signed			he capacity o Date _	: Duration: Cale of		

Tanay	Water District				
_	tapusan St., Tanay, Rizal				
Project:	W.O# 2022-02-05 Drilling of One (1) Production Well : 250mm Ø X 210 meters depth Asteria Subd. Area Brgy. Tandang Kutyo, Tanay, Rizal				
	BILL OF QUANTITIES				
ITEM NO.	SCOPE OF WORKS	UNIT	QTY.	UNIT PRICE	AMOUNT
1	Mobilization of drilling unit, including all accessories and staff to project site.	lot	1		
2	Preparation of Site and Setting-up of equipment.	lot	1		
3	Drilling of pilothole (200mmØ) pilothole, including strata sampling every meter of penetration or less when change of formation occurs and installation of temporary casing if necessary.	meters	210		
4	Geo-physical borehole logging, self-potential and electric resistivity, and to submit result, report and recommendation.	lot	1		
5	Well Plumbness and Alignment.	lot	1		
6	Reaming of pilot hole to $450$ mm Ø borehole from ground surface to final depth or as instructed by the Engineer /or authorized representative.	meters	210		
7	Furnishing of 250mm Ø (10"Ø) N.D. uPVC Blank Casing 280mm outside dia., wall thickness of 12.5mm one end socketed. M/F end trapezoidal thread at 4 m. length end to end as per DIN 4925	pcs	38		
8	Furnishing of 250mm Ø (10"Ø) N.D. uPVC Screen casing 280mm" outside dia., (slot no. 60) wall thickness of 12.5mm one end socketed, M/F end trapezoidal thread at 4 m. length end to end as per DIN 4925	pcs	16		
9	Furnishing of 250mm Ø (10"Ø) End Cap	рс	1		
10	Installation of End cap, Casings and Screens	meters	210		
11	Furnishing and installation of gravel pack/ formation stabilizers in annular space around casing and screens.	meters	195		
12	Furnishing & installation of gravel fill pipe 50mm Ø with screw cap.	meters	19		
13	Chemical Treatment with polyphosphate solution	lot	1		
14	Well Development by high velocity water jetting.	hrs.	12		
15	Well Development by Airlifting.	hrs.	24	•	
16	Step-drawdown pumping test, 5 steps at 60 mins.	lot	1		
17	Constant Discharge Pumping Test (Continuous)	hrs.	72	•	
18	Recovery Test	hrs.	12		
19	Disinfection, Water Quality Test / Analysis and to submit results	lot	1	•••••	
20	Furnishing and Installation of 300 mm steel pipe as stick up pipe	lot	1		
21	Cement grouting of annular space from ground surface to 15 meters.	meters	15		
22	Well completion, furnishing and installation of water level sounding tube and well head cover.	lot	1		
23	Site clean-up and demobilization.	lot	1		
			To	otal Amount	
Total Am	ount in words :				
			Contra	act Duration :	193 Calendar Days
Submitt	ed by:				
Name _	in the capacity of				
Signed	Date				
Dulv au	thorized to sign the Bid for and on behalf of				

	DETAILED ESTIMATES							
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 21		DATE:				
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:			
ITEN	I NO.	NAME OF ITEM			QUANTITY	UNIT OF MEAS UREMENT		
	23.0	Site clean-up and demobiliza	tion		1.00	lot		
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST		
S	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QII	UNII	UNITRALE	0031		
RIAL						-		
MATERIALS	***************************************					-		
Σ						-		
		NAME AND CARACITY OF FOURDMENT (TOOLS			for MATERIALS	-		
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST		
L						-		
EQUIPMENT						-		
JUIPI	***************************************				***************************************	-		
E						-		
				TOT41	( FOUNDMENT	-		
_	NO	ELIEL CONCUMPTION	OTV		for EQUIPMENT	COST		
FUEL CONSUMPTION	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST		
UMP								
SNO						-		
EL 0						-		
교			1		TOTAL for FUEL	-		
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST		
LABOR						-		
LA						-		
			1	TO	OTAL for LABOR	-		
EST	IMATE	D DIRECT COST (EDC)				-		
		CONTINGENCIES & MISC. 15% (OCM)				-		
		FOR'S PROFIT 10% (CP)				-		
		DED TAX 5% of (EDC+OCM+CP) DINDIRECT COST				-		
	AL COS					_		
UNI.	TCOS	Г				-		
ADJ	USTED	TOTAL COST						
	Subm	litted By:						
		Name & Signature						
		Contractor						
		Date Signed						
		Ŭ						
	50							

		DETAILED I	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 210	) meters depth)		DATE:	
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEN	I NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	1.0	Mobilization of drilling unit, including all accessorie	s and staff to pro	ject site	1.00	lot
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
ALS						-
MATERIALS						
ΜA						-
		<u> </u>		TOTAL	for MATERIALS	-
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
						-
F						-
PME						_
EQUIPMENT	******************************					
						-
				TOTAL	for EQUIPMENT	<u> </u>
z	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION			4.1			
SUM						
NOS						-
JEL (						-
ī		T			TOTAL for FUEL	•
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
N.			***************************************	***************************************		
LABOR	***************************************		***************************************	***************************************	•••••	-
_				***************************************		
				T	OTAL for LABOR	-
EST	IMATE	D DIRECT COST (EDC)				-
		D CONTINGENCIES & MISC. 15% (OCM)				-
		TOR'S PROFIT 10% (CP)				•
		DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST				•
	AL COS					•
	TCOS					
		TOTAL COST				
	C. da aa	imad D				
	Subm	nitted By:				
		Name & Signature				
		Contractor				
		Contractor				
		Date Signed				

		DETAILED	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 21		DATE:		
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEN	M NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	2.0	Preparation of Site and Setting-up of	equipment		1.00	lot
	<b>NO</b> .	NAME AND SPECIFICATIONS OF MATERIALS  Tempacil (including water & electrical facilities)	QTY	UNIT lot	UNIT RATE	COST
IALS	1.0	i erripadi (indidding water & electrical lacilities)		IUL	***************************************	
MATERIALS	***************************************					
È						-
			<u> </u>		for MATERIALS	-
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
EQUIPMENT	***************************************			***************************************	***************************************	-
UIP	***************************************				•	-
B	***************************************					-
			<u> </u>		for EQUIPMENT	-
NO.	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION						
ONS						-
EL C	***************************************			***************************************		_
F.			T		TOTAL for FUEL	-
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0 2.0	Project Engineer Rig Operator				-
LABOR	3.0	Labor/Helper				
ב	4.0	Driver				-
				To	OTAL for LABOR	-
		D DIRECT COST (EDC)  D CONTINGENCIES & MISC. 15% (OCM)				-
		FOR'S PROFIT 10% (CP)				
		DED TAX 5% of (EDC+OCM+CP)				-
		D INDIRECT COST				-
	AL CO					-
	T COS					-
ADJ	USIEL	TOTAL COST				
	Subm	nitted By:				
		Name & Signature				
		ramo a Oignataro				
		Contractor				
		Contractor				
		Date Signed				

		DETAILED	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 2		DATE:		
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEM NO.		NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	3.0	Drilling of pilothole (200mmØ) pilothole, including strata sor less when change of formation occurs and installation of			210.00	meters
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
١٢s						-
MATERIALS				••••••••	••••••••••	-
MAT						-
		<u> </u>		l Total	for MATERIALS	<u> </u>
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
F	1.0	Drilling Rig				-
PME	2.0	Mudpump				-
EQUIPMENT						
				TOTAL	for EQUIPMENT	-
Z	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION						
SUM	1.0	Diesel		liters		-
SON				***************************************		-
ÜEL					TOTAL for FUEL	-
ъ	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0	Project Engineer	inci di ciii i			-
LABOR	2.0	Rig Operator				-
F	3.0	Labor/Helper				-
				-	OTAL COLLADOR	
EST	IMATE	D DIRECT COST (EDC)			OTAL for LABOR	•
		D CONTINGENCIES & MISC. 15% (OCM)				<u> </u>
		FOR'S PROFIT 10% (CP)				-
VAL	UE AD	DED TAX 5% of (EDC+OCM+CP)				-
		D INDIRECT COST				-
	AL CO					•
	T COS	TOTAL COST				•
\ \ \ \	JUILL	TOTAL GOOT				
	Subm	itted By:				
		Name & Signature				
		a digitata				
		Contractor				
		Contractor				
		Date Signed				

PROJE		Proposed Drilling of One (1) Production Well (250mm Ø X 2				
LOCAT	ION:	ROJECT: Proposed Drilling of One (1) Production Well (250mm Ø X 210 meters depth)				
	. •	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEM	NO.	NAME OF ITEM				UNIT OF MEASUREMENT
	4.0	Geo-physical borehole logging, self-potential and electric r report and recommendation	esistivity, and to su	ıbmit result,	1.00	lot
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
LS					***************************************	-
MATERIALS						-
MAT						-
-				TOTAL	for MATERIALS	•
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
<b>5</b>	1.0	Electric Logging Equipment				-
ME						
EQUIPMENT						
<u>"</u>  -				TOTAL	for EQUIPMENT	
$\frac{}{}$	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION	110.	1022 00100111111011	Q.1.	Ollin	OHITICALE	0001
MN -						
NO.						-
ĕ						-
			T		TOTAL for FUEL	
F	<b>NO</b> .	DESIGNATION OF PERSONNEL Project Engineer	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
۳ ا	2.0	Teachnician		***************************************	***************************************	-
LABOR	3.0	Labor/Helper				-
_				•••••	***************************************	
	•			T	OTAL for LABOR	-
		D DIRECT COST (EDC)				•
		CONTINGENCIES & MISC. 15% (OCM)				-
		FOR'S PROFIT 10% (CP)				•
		DED TAX 5% of (EDC+OCM+CP) DINDIRECT COST				•
TOTAL						•
UNIT						-
		TOTAL COST				
-	Sub	sitted By:				
	uum	itted By:				
		Name & Signature				
		Contractor				
		2 . 2				
		Date Signed				

		DETAILED	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 2	210 meters depth)		DATE:	
LOCATION:		Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEM NO.		NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
5.0		Well Plumbness and Alignment			1.00	lot
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
LS						-
MATERIALS						-
MAT	***************************************					-
				ΤΟΤΔΙ	for MATERIALS	-
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
┙	110.	NAME AND OAL ACT TO EQUIT MENT/ 100ES	110.01 01110	NO. OF TINO	HOOKETKALE	-
EQUIPMENT				***************************************		-
NIP!						-
E						
					for EQUIPMENT	-
NO.	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
IMPT						
NSN						
FUEL CONSUMPTION				***************************************		-
FUE					TOTAL for FUEL	
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0	Project Engineer				-
LABOR	2.0	Rig Operator				-
LAI	3.0	Labor/Helper				_
				T	OTAL for LABOR	-
		D DIRECT COST (EDC)				-
		O CONTINGENCIES & MISC. 15% (OCM)  FOR'S PROFIT 10% (CP)				-
		DED TAX 5% of (EDC+OCM+CP)				·
		D INDIRECT COST				
	AL CO					-
UNI	T COS	Г				-
ADJ	USTED	TOTAL COST				
	Cı.h.	hittod By:				
	JUDIT	nitted By:				
		Name & Signature				
		Contractor				
		Contractor				
		Date Signed				

		DETAILED	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 2	10 meters depth)		DATE:	
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEN	M NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	6.0	Reaming of pilot hole to 450mm Ø borehole from ground su instructed by the Engineer /or authorized representative	rface to final depth	or as	210.00	meters
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
۱LS						-
MATERIALS	*************					-
MA				••••••		-
				TOTAL	for MATERIALS	-
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
N	1.0	Drilling Rig		***************************************	-	_
EQUIPMENT	2.0	Mudpump			-	-
EQU						
				TOTAL	for EQUIPMENT	
8	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION						
NSN	1.0	Diesel		liters	-	
00 -						-
FUEI					TOTAL for FUEL	<u> </u>
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0	Project Engineer				-
LABOR	2.0	Rig Operator				
7	3.0	Labor/Helper		***************************************	-	-
				<u>                                       </u>	OTAL for LABOR	
EST	IMATE	D DIRECT COST (EDC)				-
OVE	RHEA	CONTINGENCIES & MISC. 15% (OCM)				-
		TOR'S PROFIT 10% (CP)				-
		DED TAX 5% of (EDC+OCM+CP)				-
	AL CO	D INDIRECT COST				-
	T COS					-
		TOTAL COST				
	Suhm	litted By:				
	Cubit					
		Name & Signature				
		Contractor				
		Date Signed				

		DETAILED E	ESTIMATES			
PROJI	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 210	) meters depth)		DATE:	0
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	-
ITEN	I NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	7.0	Furnishing of 250mm Ø (10"Ø) N.D. uPVC Blank Casing 280m 12.5mm one end socketed. M/F end trapezoidal thread at 4 m 4925			38.00	pcs
	NO	NAME AND OPPOSITIONS OF MATERIALS	OTV	LIMIT	LINIT DATE	0007
<b>6</b>	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
MATERIALS	1.0	250mm Ø (10"Ø) N.D. uPVC Blank Casing 280mm outside dia		pcs		-
ATEF						-
Σ						-
		TOTAL				-
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
ENT			•	•••••		<del>-</del>
EQUIPMENT			***************************************			
EQ			***************************************	***************************************	•	
				TOTAL	for EQUIPMENT	-
NO.	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION						
NSC						
EL CC						<del>-</del>
F					TOTAL for FUEL	-
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
æ						
LABO	•••••		***************************************			_
_						
				TO	OTAL for LABOR	-
EST	MATE	D DIRECT COST (EDC)				-
		CONTINGENCIES & MISC. 15% (OCM)				-
		FOR'S PROFIT 10% (CP)				-
		DED TAX 5% of (EDC+OCM+CP) DINDIRECT COST				-
	AL COS					<u> </u>
	T COS					-
ADJ	USTED	TOTAL COST				
	Note	e: Delivery charge included				
	NOLE	Denvery Charge Included				
	Subm	nitted By:				
		Name & Signature				
		Contractor				
		Contractor				
		Date Signed				

		DETAILED I	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 210	) meters depth)		DATE:	0
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	-
ITEN	I NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	8.0	Furnishing of 250mm Ø (10"Ø) N.D. uPVC Screen casing 280r thickness of 12.5mm one end socketed, M/F end trapezoidal as per DIN 4925			16.00	pcs
"	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
MATERIALS	1.0	250mm Ø (10"Ø) N.D. uPVC Screen casing 280mm outside dia.		pcs		
TER		3		poo		
¥			••••••			_
			for MATERIALS	-		
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
¥						_
PME	*************		***************************************		•	-
EQUIPMENT						
ш				TOTAL	for FOLLIDMENT	
	NO.	FUEL CONSUMPTION	QTY	UNIT	for EQUIPMENT UNIT RATE	COST
CONSUMPTION	140.	TOLL CONSOMETION	QII	ONT	ONTINAL	0001
J.	***************************************					-
ONS						
FUEL C	***************************************					-
FU					TOTAL for FUEL	-
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
~						
LABOR	***************************************			***************************************		-
۲	***************************************					
				Tr	OTAL for LABOR	
FST	IMATFI	D DIRECT COST (EDC)		1	STAL TOT LABOR	-
		D CONTINGENCIES & MISC. 15% (OCM)				-
		TOR'S PROFIT 10% (CP)				-
		DED TAX 5% of (EDC+OCM+CP)				-
EST	IMATE	D INDIRECT COST				-
TOT	AL CO	ST				-
	TCOS					-
ADJ	USTED	TOTAL COST				
	Note	e: Delivery charge included				
	74016	Delivery charge included				
	Subm	nitted By:				
		Managa Q Ciamatana				
		Name & Signature				
		Contractor				
		Date Signed				
		5. <del>.</del>				

		DETAILED	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X	210 meters depth)		DATE:	
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEN	M NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	9.0	Furnishing of 250mm Ø (10"Ø) End Cap			1.00	рс
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
ALS						-
MATERIALS	1.0	Fabrication of End Cap 250mmØ		lot		-
_			for MATERIALS	-		
⊨	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
EQUIPMENT	1.0	Welding Machine		***************************************	-	
			***************************************	***************************************		-
				TOTAL	for EQUIPMENT	-
NO.	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION	***************************************					
ONS						
EC						-
FU			TOTAL for FUEL	-		
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
LABOR	2.0	Project Engineer Skilled (Welder)		•••••		
F	3.0	Labor/Helper		***************************************	c	-
	0.0			T	OTAL for LABOR	
EST	IMATE	D DIRECT COST (EDC)				
		D CONTINGENCIES & MISC. 15% (OCM)				-
		TOR'S PROFIT 10% (CP)				-
		DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST				-
	AL CO					-
	TCOS					-
ADJ	USTED	TOTAL COST				
	Subm	nitted By:				
		Name & Signature				
		Contractor				
		Date Signed				
		Duto Oignou				

	DETAILED ESTIMATES							
PROJI	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 21	0 meters depth)		DATE:			
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:			
ITEN	I NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT		
	10.0	Installation of End cap, Casings an	d Screens		210.00	meters		
10	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST		
MATERIALS						- -		
TER	***************************************			***************************************	••••••	-		
MA	***************************************					-		
			for MATERIALS	-				
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST		
ENT	1.0	Drilling Rig			-	-		
EQUIPMENT								
EQL			for EQUIPMENT	-				
	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST		
ION					***************************************			
CONSUMPTION	1.0	Diesel		liters	-	-		
NSU						-		
. co					TOTAL for FUEL	-		
_ iii					IOTAL IOT FUEL	-		
⁻UĘ	NO	DESIGNATION OF DERSONNEL	NO OF LINITS	NO OF HPS	HOURI Y BATE	COST		
FUEL	<b>NO.</b>	DESIGNATION OF PERSONNEL Project Engineer	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST		
	1.0	Project Engineer	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST - -		
	1.0 2.0	Project Engineer Rig Operator	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST		
LABOR FUE	1.0	Project Engineer	NO. OF UNITS	NO. OF HRS	-			
	1.0 2.0	Project Engineer Rig Operator	NO. OF UNITS		-			
LABOR	1.0 2.0 3.0	Project Engineer Rig Operator	NO. OF UNITS		-			
LABOR	1.0 2.0 3.0	Project Engineer Rig Operator Labor/Helper	NO. OF UNITS		-	- - -		
TSE	1.0 2.0 3.0 IMATEI	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC)	NO. OF UNITS		-	- - - -		
CON NAC	1.0 2.0 3.0  IMATEI RHEAL ITRACT	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) D CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP)	NO. OF UNITS		-	- - - -		
EST CON VAL	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST	NO. OF UNITS		-	- - - - -		
EST OVE CON VAL TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COS	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) D CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) D CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST USTED	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST T D TOTAL COST	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST USTED	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST USTED	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST T D TOTAL COST	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST USTED	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST T D TOTAL COST	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST USTED	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST T D TOTAL COST  Name & Signature	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST USTED	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST T D TOTAL COST	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST USTED	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST T D TOTAL COST  Name & Signature	NO. OF UNITS		-	- - - - - -		
EST OVE CON VAL EST TOTA	1.0 2.0 3.0  IMATEI RHEAL ITRACT UE ADI IMATEI AL COST USTED	Project Engineer Rig Operator Labor/Helper  D DIRECT COST (EDC) C CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP) D INDIRECT COST ST T D TOTAL COST  Name & Signature	NO. OF UNITS		-	- - - - - -		

		DETAILED	ESTIMATES			
ROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X	210 meters depth)		DATE:	
LOCATION:		Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEM NO.		NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	11.0	Furnishing and installation of gravel pack/ formation stab casing and screens	ilizers in annular spa	ce around	195.00	meters
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
۸LS						
MATERIALS	1.0	Pebbles		cum		-
MAT						-
				TOTAL	for MATERIALS	-
<u> </u>	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
MEN	1.0	Mini Dump Tuck (Service)				-
EQUIPMENT						www.
			for EQUIPMENT	-		
IPT(	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
SU						
SO						_
FUEL CONSUMPTION					TOTAL for FUEL	-
ш	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0	Project Engineer	NO. OF ORLIO	NO. OF TINO	HOOKETKALE	
R	2.0	Driver				
LABOR	3.0	Labor/Helper				_
	***************************************					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
				T	OTAL for LABOR	-
		D DIRECT COST (EDC)				-
		CONTINGENCIES & MISC. 15% (OCM)				-
		TOR'S PROFIT 10% (CP)				-
		DED TAX 5% of (EDC+OCM+CP)				-
	AL CO	D INDIRECT COST				-
	T COS					•
		TOTAL COST				
	·					
	Subm	nitted By:				
		Name & Signature				
		rvaine & Signature				
		Contractor				
		Date Signed				

		DETAILED	ESTIMATES			
PROJI	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 2	10 meters depth)		DATE:	
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEN	I NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	12.0	Furnishing & installation of gravel fill pipe 50	mm Ø with screw c	ар	19.00	meters
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
MATERIALS	1.0	GI Pipe 2"Ø sch 40 with screw cap & coupling		pcs		-
MAT				TOTAL	for MATERIAL C	-
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	for MATERIALS HOURLY RATE	COST
EQUIPMENT	110.	TABLE AND OAL AGETT OF ENGIT MERT / TOOLS	110.01 011113	110. 01 1110	AUGRET RAIL	-
UIPI						_
EC				TOTAL	for EQUIPMENT	-
NO NO	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION						
NSU	•••••			••••••		
00 -						-
FUEI		<u> </u>	TOTAL for FUEL	<u> </u>		
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0	Project Engineer				-
LABOR	2.0	Skilled				-
LAI	3.0	Labor/Helper				_
				T(	OTAL for LABOR	-
		D DIRECT COST (EDC)				•
		O CONTINGENCIES & MISC. 15% (OCM)				-
		TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP)				-
		DINDIRECT COST				<u>-</u>
	AL CO					
	TCOS					_
		TOTAL COST				
	Subm	nitted By:				
		Name & Signature				
		. amo a orginataro				
		Contractor				
		Contractor				
		Date Signed				

		DETAILED	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X	210 meters depth)		DATE:	
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEN	/ NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	13.0	Chemical Treatment with polyphosp	phate solution		1.00	lot
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
MATERIALS	1.0	polyphosphate solution		bags		-
ı			for MATERIALS	-		
ENT	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
EQUIPMENT				TOTAL	for EQUIPMENT	_
N N	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION						-
E.					TOTAL for FUEL	-
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
LABOR	1.0 2.0	Project Engineer  Labor/Helper				
_				T	OTAL for LABOR	
EST	IMATE	D DIRECT COST (EDC)				-
OVE	RHEA	D CONTINGENCIES & MISC. 15% (OCM)				-
		TOR'S PROFIT 10% (CP)				-
		DED TAX 5% of (EDC+OCM+CP)				-
	AL CO	D INDIRECT COST				-
	T COS					-
		O TOTAL COST				
	Subm	nitted By:				
		Name & Signature				
		Contractor				
		Date Signed				

		DETAILED	ESTIMATES			
PROJE	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 2	210 meters depth)		DATE:	
LOCATION: Asteria Subd. Area, Brgy. Tandang Ku		Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEM NO.		NAME OF ITEM		QUANTITY	UNIT OF MEASUREMENT	
	14.0	Well Development by high velocity	water jetting		12.00	hrs
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
တ						
MATERIALS						-
IATE				***************************************	•	_
2						-
					for MATERIALS	-
<b>.</b> ⊦	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
EQUIPMENT	1.0	Jetting tools				-
III.	2.0	Air Compressor				
В	3.0	Genset		TOTAL	( FOURDMENT	-
		FUEL CONCUMPTION	077/		for EQUIPMENT	
FUEL CONSUMPTION	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
MP .	4.0	Disast		lite a e		
NSN	1.0	Diesel		liters		-
ဗ						-
					TOTAL for FUEL	
_	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
-	1.0	Project Engineer	NO. OF CHITC	110.01 1110	HOURET RAIL	-
8	2.0	Skilled (machine operator)				-
LABOR	3.0	Labor/Helper				
_	•••••••		***************************************		o	
Ī				T(	OTAL for LABOR	
ESTI	MATE	D DIRECT COST (EDC)				-
OVE	RHEAL	CONTINGENCIES & MISC. 15% (OCM)				-
CON	TRAC	TOR'S PROFIT 10% (CP)				-
VAL	UE AD	DED TAX 5% of (EDC+OCM+CP)				-
ESTI	MATE	D INDIRECT COST				-
TOTA	AL CO	ST				-
UNIT	COS	Г				-
ADJU	USTED	TOTAL COST				
	O. I	Stand Dur				
	Subm	nitted By:				
		Name & Signature				
		Contractor				
		Date Signed				
		_ = ===================================				

PROJECT: Proposed Drilling of One (1) Production Well (250mm Ø X 210 meters depth)  DATE: LOCATION: Asbria Subd. Area, Brgy. Tandang Kulyo, Tanay, Rizal  REV. NO.  ITEM NO. NAME OF ITEM QUANTITY  15.0 Well Development by Airiffting  24.00  NO. NAME AND SPECIFICATIONS OF MATERIALS  NO. NAME AND SPECIFICATIONS OF MATERIALS  NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS  NO. OF UNITS  NO. OF HRS HOURLY RATE  1.0 Air Compressor  2.0 Genset  TOTAL for EQUIPMENT / NO. FUEL CONSUMPTION  NO. FUEL CONSUMPTION  QTY UNIT UNIT ATE  1.0 Diesel  1.0 Diesel  1.0 Diesel  NO. DESIGNATION OF PERSONNEL  NO. OF HRS HOURLY RATE  1.0 Diesel  NO. DESIGNATION OF PERSONNEL  NO. OF HRS HOURLY RATE  2.0 Skilled (mechine operator)  3.0 Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  YAULE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)		DETAILED	ESTIMATES			
NO. NAME AND SPECIFICATIONS OF MATERIALS  NO. NAME AND SPECIFICATIONS OF MATERIALS  TOTAL for MATERIALS  NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS  NO. OF UNITS  NO. OF HRS HOURLY RATE  1.0 Air Compressor  2.0 Genset  TOTAL for EQUIPMENT  NO. FUEL CONSUMPTION  QTY  UNIT  UNIT RATE  TOTAL for EQUIPMENT  NO. PUEL CONSUMPTION  OF UNITS  NO. OF HRS HOURLY RATE  NO. DESIGNATION OF PERSONNEL  NO. OF UNITS  NO. OF HRS HOURLY RATE  1.0 Project Engineer  2.0 Skilled (machine operator)  3.0 Labor/Helper  TOTAL for FUEL  NO. OF UNITS  NO. OF HRS HOURLY RATE  1.0 Project Engineer  2.0 Skilled (machine operator)  3.0 Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)	JECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 21	0 meters depth)		DATE:	
NO. NAME AND SPECIFICATIONS OF MATERIALS QTY UNIT UNIT RATE    NO. NAME AND SPECIFICATIONS OF MATERIALS   QTY UNIT UNIT ATE	ATION	I: Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
NO. NAME AND SPECIFICATIONS OF MATERIALS    NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS   NO. OF UNITS   NO. OF HRS   HOURLY RATE	EM NO.	. NAME OF ITEM	NAME OF ITEM			UNIT OF MEASUREMENT
NO.   NAME AND CAPACITY OF EQUIPMENT / TOOLS   NO. OF UNITS   NO. OF HRS   HOURLY RATE	15.0	0 Well Development by Airlifti	ng		24.00	hrs
NO.   NAME AND CAPACITY OF EQUIPMENT / TOOLS   NO. OF UNITS   NO. OF HRS   HOURLY RATE	110	NAME AND ODECIFICATIONS OF MATERIALS	OTV	UNIT	LINIT DATE	7200
NO.   NAME AND CAPACITY OF EQUIPMENT / TOOLS   NO. OF UNITS   NO. OF HRS   HOURLY RATE	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QIT	UNII	UNITRATE	COST
NO.   NAME AND CAPACITY OF EQUIPMENT / TOOLS   NO. OF UNITS   NO. OF HRS   HOURLY RATE	***************************************					
NO.   NAME AND CAPACITY OF EQUIPMENT / TOOLS   NO. OF UNITS   NO. OF HRS   HOURLY RATE				***************************************		_
NO.   NAME AND CAPACITY OF EQUIPMENT / TOOLS   NO. OF UNITS   NO. OF HRS   HOURLY RATE						-
NO.   NAME AND CAPACITY OF EQUIPMENT / TOOLS   NO. OF UNITS   NO. OF HRS   HOURLY RATE				TOTAL	for MATERIALS	
1.0   Air Compressor	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS		1	COST
NO.   FUEL CONSUMPTION   QTY   UNIT   UNIT RATE					-	-
NO. FUEL CONSUMPTION QTY UNIT UNIT RATE    1.0   Diesel	***************************************			***************************************		-
NO. FUEL CONSUMPTION QTY UNIT UNIT RATE    1.0   Diesel				TOTAL	for EQUIPMENT	-
1.0   Project Engineer	NO.	D. FUEL CONSUMPTION	QTY		1	COST
1.0   Project Engineer						
1.0   Project Engineer	1.0	Diesel		liters		-
1.0   Project Engineer	annonnonnon					-
1.0   Project Engineer						-
TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)			•		TOTAL for FUEL	-
2.0 Skilled (machine operator)  3.0 Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
3.0   Labor/Helper	1.0				-	-
TOTAL for LABOR ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP) ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)	2.0	Skilled (machine operator)		***************************************	_	_
TOTAL for LABOR ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP) ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)	3.0	) Labor/Helper		***************************************	_	_
ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)						
OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)				Т	OTAL for LABOR	-
CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)						-
VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)						•
ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)						-
TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)						-
ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)						-
ADJUSTED TOTAL COST  NOTE: Other accessories - to be provided by the contractor (charged to OCM)						•
NOTE: Other accessories - to be provided by the contractor (charged to OCM)						-
(charged to OCM)	30312	ED TOTAL COOT				
Submitted By:	N					
Submitted By:	-					
очинием Бу.	Sub	omitted By:				
	Jubi	Jimtod Dy.				
Name & Signature		Name & Signature				
	1	-				
Contractor		Contractor				
Contractor	-	Contractor				
	-					
Date Signed	1	Date Signed				
		·				

		DETAILED	ESTIMATES			
PROJI	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 2	DATE:			
OCATION:		Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	-
ITEN	I NO.	NAME OF ITEM				UNIT OF MEASUREMENT
	16.0	Step-drawdown pumping test, 5 step	os at 60 mins		1.00	lot
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
ALS						
MATERIALS	*************************					-
¥						-
				TOTAL	for MATERIALS	
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
EQUIPMENT	1.0	Pump and Motor		***************************************		-
	2.0	Genset		TOTAL	( FOURDMENT	-
В	NO.	FUEL CONSUMPTION	QTY	UNIT	for EQUIPMENT UNIT RATE	COST
z	NO.	FUEL CONSUMPTION	QIT	UNII	UNITRALE	CO31
CONSUMPTION	1.0	Diesel		liters	•	-
SUM						-
CON						-
PUEL			T	1	TOTAL for FUEL	
됴	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0 2.0	Project Engineer Skilled (machine operator)		***************************************		-
LABOR	3.0	Labor/Helper				-
ן ב		·		***************************************	•	
				T	OTAL for LABOR	-
		D DIRECT COST (EDC)				-
		O CONTINGENCIES & MISC. 15% (OCM)				-
		TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP)				-
		DINDIRECT COST				•
	AL CO					
UNI <sup>-</sup>	T COS	Г				
ADJ	USTED	TOTAL COST				
	NC	OTE: Other accessories - to be provided by the contractor (charged to OCM)				
	Subm	nitted By:				
		Name & Signature				
		rvame & Signature				
		Contractor				

		DETAILED	ESTIMATES			
PROJECT:		Proposed Drilling of One (1) Production Well (250mm Ø X 21	DATE:	0		
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	-
ITEN	И NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	17.0	Constant Discharge Pumping Test (C	Continuous)		72.00	hrs
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
١٢s						
MATERIALS	•••••		•			_
MAT						-
_				TOTAL	for MATERIAL C	-
	110	NAME AND CARACITY OF FOURTHEAT / TOOL C	NO OF UNITO		. for MATERIALS	-
Þ	<b>NO</b> .	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
ME	2.0	Pump and Motor  Genset		***************************************		-
EQUIPMENT	2.0	Genset		TOTAL	for EQUIPMENT	-
ш	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
Z			4	•		
FUEL CONSUMPTION	1.0	Diesel		liters		-
W OS						-
Š						-
日					TOTAL for FUEL	-
F	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0	Project Engineer		***************************************		_
~	2.0	Rig Operator				-
LABOR	3.0	Skilled (machine operator)		***************************************		-
5	4.0	Labor/Helper				-
					OTAL C. JABOB	
		D DIDECT COOT (EDG)		l'	OTAL for LABOR	-
		D DIRECT COST (EDC)				-
		O CONTINGENCIES & MISC. 15% (OCM) TOR'S PROFIT 10% (CP)				-
		DED TAX 5% of (EDC+OCM+CP)				
		D INDIRECT COST				<u>-</u>
	AL CO					-
	T COS					-
ADJ	USTE	TOTAL COST				
	NC	OTE: Other accessories - to be provided by the contractor (charged to OCM)				
	Subm	nitted By:				
		Name & Signature				
		Name & Oignature				
		Contractor				
		Date Signed				

		DETAILE	D ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X	DATE:			
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	-
ITEN	/ NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	18.0	Recovery Test			12.00	hrs
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
ALS						
MATERIALS	***************************************			***************************************		-
MΑ				***************************************		-
				TOTAL	for MATERIALS	-
Z	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
EQUIPMENT				***************************************	······································	-
EQU				TOTAL	for EQUIPMENT	-
z	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
PTIO			4	<u> </u>		
SUM						
FUEL CONSUMPTION						-
Œ					TOTAL 6 FUEL	-
正	NO.	DESIGNATION OF DEDSONNEL	NO OF UNITE	NO. OF HRS	TOTAL for FUEL HOURLY RATE	
~	1.0	DESIGNATION OF PERSONNEL Project Engineer	NO. OF UNITS	NU. UF HKS	HOURLI RAIE	COST
LABOR	2.0	Labor/Helper		***************************************		-
ב	***************************************					
				T	OTAL for LABOR	
		D DIRECT COST (EDC)				-
		O CONTINGENCIES & MISC. 15% (OCM)				-
		TOR'S PROFIT 10% (CP) DED TAX 5% of (EDC+OCM+CP)				•
		DINDIRECT COST				-
	AL CO					
UNI	T COS					
ADJ	USTE	TOTAL COST				
	Subm	litted By:				
		Name & Signature				
		Contractor				
		Date Signed				

PROJECT: Proposed Drilling of One (1) Production Well (250mm 8 X 210 meters depth)  Asters Subd. Area, Brgy, Tandang Kulyo, Tanay, Rizal  ITEM NO. NAME OF ITEM  NAME OF ITEM  OUANTITY  WEASUREME  19.0 Disinfaction, Water Quality Test / Analysis and to submit results  1.00 lot  NAME AND SPECIFICATIONS OF MATERIALS  ITO Chiorine Solution  NO. NAME AND SPECIFICATIONS OF MATERIALS  ITO Chiorine Solution  NO. NAME AND SPECIFICATIONS OF MATERIALS  NO. NAME AND SPECIFICATIONS OF MATERIALS  NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS  NO. OF HRS HOURLY RATE  TOTAL for MATERIALS  NO. OF HRS HOURLY RATE  COST  TOTAL for EQUIPMENT  TOTAL for FUEL  NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL			DETAILED ES	TIMATES			
ITEM NO.  NAME OF ITEM  NO. NAME AND SPECIFICATIONS OF MATERIALS  NO. OF MATERIALS  NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS  NO. OF HRS HOURLY RATE  TOTAL for MATERIALS  NO. OF HRS HOURLY RATE  COST  NO. OF HRS HOURLY RATE  COST  NO. OF HRS HOURLY RATE  COST  NO. DESIGNATION OF PERSONNEL  NO. DES	PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 210 m	DATE:			
19.0   Disinfection, Water Quality Test / Analysis and to submit results   1.00   lot	LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
19.0   Disinfection, Water Quality Test / Analysis and to submit results   1.00   lot							
NO. NAME AND SPECIFICATIONS OF MATERIALS  NO. NAME AND SPECIFICATIONS OF MATERIALS  TOTAL for MATERIALS  NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS  NO. OF HRS HOURLY RATE  TOTAL for FUEL  NO. FUEL CONSUMPTION  TOTAL for FUEL  NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  NO. OF HRS HOURLY RATE  COST  TOTAL for FUEL  TOTAL for FUEL  NO. OF HRS HOURLY RATE  COST  TOTAL for FUEL  TOTAL for FUEL  TOTAL for FUEL  STIMATED DIRECT COST (EDC)  OVERRIEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ANDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  UNIT COST  ADJUSTED TOTAL COST  Name & Signature  Name & Signature  Contractor	ITEN	I NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
TOTAL for MATERIALS		19.0	Disinfection, Water Quality Test / Analysis and to	o submit resul	ts	1.00	lot
NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS NO. OF UNITS NO. OF HRS HOURLY RATE COST NO. OF UNITS NO. OF HRS HOURLY RATE COST NO. OF HURL CONSUMPTION QTY UNIT UNIT RATE COST NO. OF HRS HOURLY RATE COST NO. OF HRS HOURLY RATE COST HAND TOTAL for FUEL NO. OF HRS HOURLY RATE COST HAND TOTAL FOR FUEL NO. OF HRS HOURLY RATE COST HAND TOTAL FOR LABOR ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NAME & Signature  Contractor		NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS NO. OF HRS HOURLY RATE COST HAND THAT HAD DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NAme & Signature  Name & Signature  Contractor	\LS						
NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS NO. OF HRS HOURLY RATE COST HAND THAT HAD DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  NAme & Signature  Name & Signature  Contractor	ERI∕	1.0			lot		-
NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS  NO. OF HRS HOURLY RATE COST  TOTAL for EQUIPMENT  NO. FUEL CONSUMPTION  OTHER HOURLY RATE  TOTAL for EQUIPMENT  TOTAL for FUEL  NO. OF HRS HOURLY RATE  COST  NO. OF HRS HOURLY RATE  TOTAL for FUEL  NO. OF HRS HOURLY RATE  COST  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTROGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Name & Signature  Name & Signature	MAT		-Water Quality Analysis (Physical, Chemical & Bacteriological Test)	***************************************			-
NO. NAME AND CAPACITY OF EQUIPMENT / TOOLS  NO. OF HRS HOURLY RATE COST  TOTAL for EQUIPMENT  NO. FUEL CONSUMPTION  OTHER HOURLY RATE  TOTAL for EQUIPMENT  TOTAL for FUEL  NO. OF HRS HOURLY RATE  COST  NO. OF HRS HOURLY RATE  TOTAL for FUEL  NO. OF HRS HOURLY RATE  COST  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTROGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Name & Signature  Name & Signature					TOTAL	for MATERIALS	-
NO. FUEL CONSUMPTION QTY UNIT UNIT RATE COST  NO. DESIGNATION OF PERSONNEL NO. OF HRS HOURLY RATE COST  I.O Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  UNIT COST  ADJUSTED TOTAL COST  UNIT COST  Submitted By:  Name & Signature  Contractor		NO	NAME AND CARACITY OF FOURMENT / TOOLS	NO. OF			
NO. FUEL CONSUMPTION QTY UNIT UNIT ATE COST  NO. DESIGNATION OF PERSONNEL NO. OF HRS HOURLY RATE COST  NO. DESIGNATION OF PERSONNEL NO. OF HRS HOURLY RATE COST  1.0 Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  UNIT COST  UNIT UNIT UNIT RATE COST  TOTAL for LABOR  TOTAL for LABOR  SUBMITTED TOTAL COST  NAme & Signature  Contractor	F	NO.	NAME AND CAPACITY OF EQUIPMENT/TOOLS	UNITS	NO. OF HRS	HOURLY RAIE	COST
NO. FUEL CONSUMPTION QTY UNIT UNIT ATE COST  NO. DESIGNATION OF PERSONNEL NO. OF HRS HOURLY RATE COST  NO. DESIGNATION OF PERSONNEL NO. OF HRS HOURLY RATE COST  1.0 Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  UNIT COST  UNIT UNIT UNIT RATE COST  TOTAL for LABOR  TOTAL for LABOR  SUBMITTED TOTAL COST  NAme & Signature  Contractor	PME						-
NO.   FUEL CONSUMPTION   QTY   UNIT   UNIT RATE   COST	ion:						- 
NO. FUEL CONSUMPTION QTY UNIT UNITRATE COST  TOTAL for FUEL  NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  NO. Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  UNIT COST  ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor					TOTAL	for FQUIPMENT	
NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  1.0 Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor	z	NO.	FUEL CONSUMPTION	QTY		1	
NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  NO. OF HRS HOURLY RATE COST  I.O Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Name & Signature  Contractor  Name & Signature	PTO			4	<b>U</b>	••••••	
NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  NO. OF HRS HOURLY RATE COST  I.O Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Name & Signature  Contractor  Name & Signature	IW N			***************************************	000000000000000000000000000000000000000		***************************************
NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  NO. DESIGNATION OF PERSONNEL  NO. OF HRS HOURLY RATE COST  I.O Labor/Helper  TOTAL for LABOR  ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Name & Signature  Contractor  Name & Signature	Š						-
NO. DESIGNATION OF PERSONNEL    NO. OF HRS   HOURLY RATE   COST	<u>Е</u> (						-
BESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Name & Signature  Contractor  Contractor	교			NO OF	1		-
ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor		NO.	DESIGNATION OF PERSONNEL		NO. OF HRS	HOURLY RATE	COST
ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor	30R	1.0	Labor/Halpar				
ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor	Ϋ́	1.0		***************************************			-
ESTIMATED DIRECT COST (EDC)  OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor			<u> </u>			OTAL for LABOR	-
OVERHEAD CONTINGENCIES & MISC. 15% (OCM)  CONTRACTOR'S PROFIT 10% (CP)  VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor	EST	IMATE	D DIRECT COST (EDC)				-
VALUE ADDED TAX 5% of (EDC+OCM+CP)  ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor							-
ESTIMATED INDIRECT COST  TOTAL COST  UNIT COST  ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor	CON	ITRAC	TOR'S PROFIT 10% (CP)				-
TOTAL COST UNIT COST ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor	VAL	UE AD	DED TAX 5% of (EDC+OCM+CP)				-
UNIT COST  ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor							-
ADJUSTED TOTAL COST  Submitted By:  Name & Signature  Contractor							-
Submitted By:  Name & Signature  Contractor							-
Name & Signature  Contractor	ADJ	USTEL	TOTAL COST				
Name & Signature  Contractor							
Contractor		Subm	nitted By:				
Contractor							
			Name & Signature				
Date Signed			Contractor				
Date Signed							
			Date Signed				
			23.0 0.9.00				

		DETAILED	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 2	DATE:			
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEN	/ NO.	NAME OF ITEM	QUANTITY	UNIT OF MEASUREMENT		
	20.0	Furnishing and Installation of 300 mm steel	pipe as stick up pip	oe .	1.00	lot
	NO.					2027
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
MATERIALS	1.0	300mm Ø Steel Pipe		lot		
TER	1.0	Journal & Steel Lipe		101		
MA	***************************************		***************************************			-
				ΤΟΤΔΙ	for MATERIALS	-
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
F	1.0	Welding Machine	NO. OF ONLIG	140. 01 1110	TOOKET KAIL	-
EQUIPMENT	1.0	wedning wadnine		***************************************		
JIN						
ш				ΤΟΤΔΙ	for EQUIPMENT	-
_	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION	NO.	TOLE CONSOMIFIEM	QII	ONIT	UNITRAIL	0031
JMP						
NSI						
S						
FUE					TOTAL for FUEL	
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0	Project Engineer	110.01 01110	No. or mo	HOURET HAIL	-
뽔	2.0	Skilled (Welder)		••••••		-
LABOR	3.0	Labor/Helper				-
	0.0	Lavorriopor				
				T.	OTAL for LABOR	
FST	Ι ΙΜΔΤΕΙ	D DIRECT COST (EDC)				-
		O CONTINGENCIES & MISC. 15% (OCM)				-
		FOR'S PROFIT 10% (CP)				-
		DED TAX 5% of (EDC+OCM+CP)				-
		D INDIRECT COST				-
	AL CO					-
	TCOS					-
		TOTAL COST				
1						
	Subm	itted By:				
		Name & Signature				
		Contractor				
		Date Signed				
			70			

		DETAILED	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 2	DATE:			
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEN	I NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	21.0	Cement grouting of annular space from groun	d surface to 15 met	ers	15.00	meters
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
r <sub>S</sub>						
MATERIALS	1.0	Cement		bags		-
ATE	2.0	Sand		cum		-
Σ	3.0	Gravel		cum		-
				TOTAL	for MATERIALS	-
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
EQUIPMENT						-
P						-
EQU						_
_				TOTAL	for EQUIPMENT	-
Z	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
PTIC						
N N	••••••					
FUEL CONSUMPTION					•••••	
i.						_
F					TOTAL for FUEL	•
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
~	1.0	Project Engineer	110101011111		-	-
LABOR	2.0	Skilled (Mason)			-	_
Z	3.0	Labor/Helper	0000	***************************************	-	-
	0.0	Laborriopo				
				Т	OTAL for LABOR	
гет	 	DIDECT COST (EDC)		•	OTAL TOT LABOR	-
		D DIRECT COST (EDC)				-
		O CONTINGENCIES & MISC. 15% (OCM)				-
		FOR'S PROFIT 10% (CP)				•
		DED TAX 5% of (EDC+OCM+CP)				-
		D INDIRECT COST				-
	AL CO					-
	T COS		-			•
ADJ	USTE	TOTAL COST				
	Subm	litted By:				
	Jubii	into Dy.				
		Name & Signature				
		2. <b>3.3</b>				
		Contractor				
		Data Oi				
		Date Signed				

		DETAILED	ESTIMATES			
PROJE	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 2	210 meters depth)		DATE:	
OCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEM	I NO.	NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	22.0	Well completion, furnishing and installation of water level	sounding tube and	well head cover	1.00	lot
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
r <sub>L</sub> S	***************************************					
MATERIALS	1.0	Well Head Cap		set		-
IATE	2.0	Gravel tubes		cum		-
2	3.0	Water level sounding tube		m		-
					for MATERIALS	-
_	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0	Welding Machine		***************************************		_
EQUIPMENT	2.0	Generator Set				-
g				TOTAL	for EQUIPMENT	-
	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
8						
IPT	1.0	Fuel (liters)				-
SUN						-
8				-		
FUEL CONSUMPTION					TOTAL for FUEL	-
교	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
	1.0	Project Engineer				-
<u>م</u>	2.0	Skilled (Welder)				-
LABOR	3.0	Labor/Helper				-
_ [						
				T	OTAL for LABOR	-
EST	IMATE	D DIRECT COST (EDC)				-
OVE	RHEAL	CONTINGENCIES & MISC. 15% (OCM)				-
CON	TRAC	TOR'S PROFIT 10% (CP)				-
VAL	UE AD	DED TAX 5% of (EDC+OCM+CP)				-
EST	MATE	D INDIRECT COST				-
TOTA	AL CO	ST				-
UNI	r cos	Γ				<u> </u>
ADJ	USTED	TOTAL COST				
	Subm	nitted By:				
		Nama 9 Cirmatina				
		Name & Signature				
		Contractor				
		Date Signed				

		DETAILED	ESTIMATES			
PROJ	ECT:	Proposed Drilling of One (1) Production Well (250mm Ø X 2	10 meters depth)		DATE:	
LOCA	TION:	Asteria Subd. Area, Brgy. Tandang Kutyo, Tanay, Rizal			REV. NO:	
ITEM NO.		NAME OF ITEM			QUANTITY	UNIT OF MEASUREMENT
	23.0	Site clean-up and demobiliz	ation		1.00	lot
	NO.	NAME AND SPECIFICATIONS OF MATERIALS	QTY	UNIT	UNIT RATE	COST
rs						
MATERIALS						
MAT						-
		<u> </u>		TOTAL	for MATERIALS	<u> </u>
	NO.	NAME AND CAPACITY OF EQUIPMENT / TOOLS	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
					•	_
Ä						-
EQUIPMENT						
g	*************					-
						-
				TOTAL	for EQUIPMENT	-
NO	NO.	FUEL CONSUMPTION	QTY	UNIT	UNIT RATE	COST
FUEL CONSUMPTION				•••••	·	
NSN						
00 7						
FUE					TOTAL for FUEL	
	NO.	DESIGNATION OF PERSONNEL	NO. OF UNITS	NO. OF HRS	HOURLY RATE	COST
R						-
LABOR						
				T	OTAL for LABOR	-
FST	  MATF	IATED DIRECT COST (EDC)				-
		O CONTINGENCIES & MISC. 15% (OCM)				-
CON	ITRAC	TOR'S PROFIT 10% (CP)				-
		DED TAX 5% of (EDC+OCM+CP)				•
		D INDIRECT COST				-
	AL CO					-
		TOTAL COST				-
	0 '	I.B.				
	Subm	nitted By:				
		Name & Signature				
		-				
		Contractor				
		Date Signed				
		Date Oigned				

# Section IX. Checklist of Technical and Financial Documents

## **Checklist of Technical and Financial Documents**

### I. TECHNICAL COMPONENT ENVELOPE

#### Class "A" Documents

Leg	<u>al Do</u>	<u>cuments</u>
	(a)	Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
		<u>or</u>
	(b)	Registration certificate from Securities and Exchange Commission (SEC),
		Department of Trade and Industry (DTI) for sole proprietorship, or
		Cooperative Development Authority (CDA) for cooperatives or its
		equivalent document;
		and
	(c)	Mayor's or Business permit issued by the city or municipality where the
	(-)	principal place of business of the prospective bidder is located, or the
		equivalent document for Exclusive Economic Zones or Areas;
		and
П	(e)	Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by
ш	(6)	
		the Bureau of Internal Revenue (BIR).
$T_{\rho C}$	hnica	l Documents
$\Box$	(f)	Statement of the prospective bidder of all its ongoing government and
ш	(1)	private contracts, including contracts awarded but not yet started, if any,
		whether similar or not similar in nature and complexity to the contract to be
		± •
	(~)	bid; and
	(g)	Statement of the bidder's Single Largest Completed Contract (SLCC) similar
		to the contract to be bid, except under conditions provided under the rules;
	(1.)	and Division of the American Development of the American D
Ш	(h)	Philippine Contractors Accreditation Board (PCAB) License;
		or incorpii
		Special PCAB License in case of Joint Ventures;
_	<b>(*)</b>	and registration for the type and cost of the contract to be bid; and
	(i)	Original copy of Bid Security. If in the form of a Surety Bond, submit also a
		certification issued by the Insurance Commission;
		<u>or</u>
		Original copy of Notarized Bid Securing Declaration; and
	(j)	Project Requirements, which shall include the following:
		a. Organizational chart for the contract to be bid;
		b. List of contractor's key personnel (e.g., Project Manager, Project
		Engineers, Materials Engineers, and Foremen), to be assigned to the
		contract to be bid, with their complete qualification and experience
		data;
		c. List of contractor's major equipment units, which are owned, leased,
_		and/or under purchase agreements, supported by proof of ownership
		or certification of availability of equipment from the equipment
		lessor/vendor for the duration of the project, as the case may be; <b>and</b>
	(k)	Original duly signed Omnibus Sworn Statement (OSS);
Ш	(v)	
		and if applicable, Original Notarized Secretary's Certificate in case of a
		corporation, partnership, or cooperative; or Original Special Power of
		Attorney of all members of the joint venture giving full power and authority
		to its officer to sign the OSS and do acts to represent the Bidder.

	<u> </u>	<u>iancia</u>	<u>i Documents</u>	
		(1)	The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized	
			institutions, for the preceding calendar year which should not be earlier than	
			two (2) years from the date of bid submission; and	
		(m)	The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).	
			Class "B" Documents	
		(n)	If applicable, duly signed joint venture agreement (JVA) in accordance with	
			RA No. 4566 and its IRR in case the joint venture is already in existence;	
			or	
			duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.	
II. FINANCIAL COMPONENT ENVELOPE				
		(o)	Original of duly signed and accomplished Financial Bid Form; and	
Other documentary requirements under RA No. 9184				
		(p)	Original of duly signed Bid Prices in the Bill of Quantities; and	
		(q)	Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment	
			rentals used in coming up with the Bid; <u>and</u>	
		(r)	Cash Flow by Quarter.	

Section X. Bidding Forms

#### **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 or authorized representative of [Name of Bidder] with office address at [address of Bidder];

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

2. [Select one, delete the other:]

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

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

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

therein are true and correct;

- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
- 6. [Select one, delete the rest:]

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

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

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

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
- 9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
- 10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to

	deliver certain goods or services, to the prejudice of the public and the government
	of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the
	Revised Penal Code.
IN	WITNESS WHEREOF, I have hereunto set my hand this day of, 20 at, Philippines.
	[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
	[Insert signatory's legal capacity]
	Affiant

## **Bid Form for the Procurement of Infrastructure Projects**

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

h. We are not participating, as Bidders, in more than one Bid in this bidding process,

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

other than alternative offers in accordance with the Bidding Documents;

- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
- 1. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name:
Legal Capacity:
Signature:
Duly authorized to sign the Bid for and behalf of:
Date:

#### **Bid Securing Declaration Form**

\_\_\_\_\_

REPUBLIC OF THE PHILIPPINES)	
CITY OF	) S.S

#### **BID SECURING DECLARATION**

**Project Identification No.:** [Insert number]

To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

- 1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
- 2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f),of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
- 3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
  - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
  - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

