

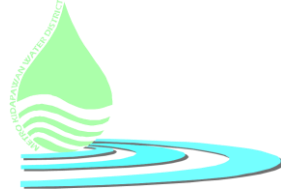
REPUBLIC OF THE PHILIPPINES
METRO KIDAPAWAN WATER DISTRICT
Lanao, Kidapawan City

BIDDING DOCUMENTS

PROCUREMENT OF GOODS FOR CONSTRUCTION OF LAPAAN DAM 3

MARCH 2021





REPUBLIC OF THE PHILIPPINES
METRO KIDAPAWAN WATER DISTRICT
Lanao, Kidapawan City

BIDDING DOCUMENTS

PROCUREMENT
OF GOODS FOR CONSTRUCTION
OF LAPAAN DAM 3

Issued in: MARCH 2021

Employer: Metro Kidapawan Water District (MKWD)

Country: Philippines

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Section I. Invitation to Bid



Republic of the Philippines
METRO KIDAPAWAN WATER DISTRICT
Lanao, Kidapawan City
Tel nos. (064)577-1533, 577-1865, Fax no. (064) 572-5555
E-mail Address: metrokidapawan_wd@yahoo.com
Website: www.metrokidapawanwd.gov.ph
"Committed to Service, Development and Self-Reliance"



ISO 9001:2015 Certified
Cert. No. 66478

INVITATION TO BID FOR THE PROCUREMENT OF GOODS FOR CONSTRUCTION OF LAPAAN DAM 3

1. The METRO KIDAPAWAN WATER DISTRICT (MKWD) has received a Grant from the National Disaster Risk Reduction Management Council (NDRRMC) under the FY 2020 NDRRMC Fund: Comprehensive Aid to Repair Earthquake Damage (CARED) to support the construction of earthquake resilient dam structure (Dam 3) and rerouting of pipelines of Metro Kidapawan Water District per Office of the President approval dated October 29, 2020.
2. The Metro Kidapawan Water District now invites bids for the:

LOT	ABC
(A) Construction Material	Php 23,650,329.62
(B) Pipes and Fittings	Php 9,539,020.00
TOTAL ABC	Php 33,189,349.62

Completion of the Works is required within **ninety (90) calendar days** upon issuance of the Notice to Proceed. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Sub-section 5, Section II.

3. Bidding will be conducted in accordance with relevant procedures for open competitive bidding as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the "Government Procurement Reform Act", with some amendments, as stated in these Bidding Documents and are open to all Bidders from eligible source. The contract shall be awarded to the Lowest Calculated Responsive Bidder (LCRB) who was determined as such during post-qualification. . The total approved budget for the contract (ABC) is **PhP 33,189,349.62** (Set A-PhP 23,650,329.62 and Set B-PhP 9,539,020.00).
4. Interested bidders may obtain further information from Metro Kidapawan Water District and inspect the Bidding Documents at the address given below during office hours, 8:00 a.m. – 5:00 p.m. except on weekends and non-working holidays.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **10 March 2021** but before **2:00 p.m. of 30 March 2021** from the address below and upon payment of the applicable fee for the Bidding Documents in the amount of **PhP 25,000.00**.

Set A – Fifteen Thousand Pesos (PhP15, 000.00)

Set B –Ten Thousand Pesos (PhP 10,000.00)

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

6. The MKWD will hold a Pre-Bid Conference on **18 March 2021, 2:00 p.m.** at the MKWD Mess Hall at the address below, which shall be open to prospective bidders. Pre-bid conference may be conducted in person or face-to-face through videoconferencing, webcasting, or similar technology, or a combination thereof.
7. Bids must be duly received by the BAC Secretariat at the address below on or before **30 March 2021, 2:00 p.m.** All Bids must be accompanied by a Bid Security in any acceptable forms and in the amount stated in ITB Clause 18.1 of Section III. Bid Data Sheet.

Bid opening shall be on **30 March 2021, 2:01 p.m.** at the MKWD Mess Hall. Bids will be opened in the presence of the Bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

8. The MKWD reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, in accordance with MKWD's Procurement Policy and Regulations, without thereby incurring any liability to the affected bidder or bidders.
9. For further information, please refer to:

SGD. CANUTO A. CODILLA, JR., CE
Bids and Awards Committee Secretariat
Metro Kidapawan Water District
Lanao, Kidapawan City
Telephone No.: (064) 577-3229
Email: metrokidapawan_wd@yahoo.com
Website address: www.metrokidapawanwd.gov.ph

SGD. RAMIL A. CONDEZ, CE, RMP, MBA
BAC Chairperson

Section II. Instructions to Bidders

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General

1. Scope of Bid

- 1.1. The Procuring Entity named in the **BDS** invites bids for the supply and delivery of the Goods as described in Section VII. Technical Specifications.
- 1.2. The name, identification, and number of lots specific to this bidding are provided in the **BDS**. The contracting strategy and basis of evaluation of lots is described in **ITB** Clause 28.

2. Source of Funds

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

3. Corrupt, Fraudulent, Collusive, and Coercive Practices

- 3.1. Unless otherwise specified in the **BDS**, the Procuring Entity as well as the bidders and suppliers shall observe the highest standard of ethics during the procurement and execution of the contract. In pursuance of this policy, the Procuring Entity:
 - (a) defines, for purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the government, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in RA 3019.
 - (ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition.

- (iii) “collusive practices” means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Procuring Entity, designed to establish bid prices at artificial, non-competitive levels.
 - (iv) “coercive practices” means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract;
 - (v) “obstructive practice” is
 - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an administrative proceedings or investigation of the Procuring Entity or any foreign government/foreign or international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or
 - (bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.
 - (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in any of the practices mentioned in this Clause for purposes of competing for the contract.
- 3.2. Further, the Procuring Entity will seek to impose the maximum civil, administrative, and/or criminal penalties available under applicable laws on individuals and organizations deemed to be involved in any of the practices mentioned in **ITB** Clause 3.1(a).
- 3.3. Furthermore, the Funding Source and the Procuring Entity reserve the right to inspect and audit records and accounts of a bidder or supplier in the bidding for and performance of a contract themselves or through independent auditors as reflected in the **GCC** Clause3.

4. Conflict of Interest

- 4.1. All Bidders found to have conflicting interests shall be disqualified to participate in the procurement at hand, without prejudice to the imposition of appropriate administrative, civil, and criminal sanctions. A Bidder may be considered to have conflicting interests with another Bidder in any of the

events described in paragraphs (a) through (c) below and a general conflict of interest in any of the circumstances set out in paragraphs (d) through (g) below:

- (a) A Bidder has controlling shareholders in common with another Bidder;
- (b) A Bidder receives or has received any direct or indirect subsidy from any other Bidder;
- (c) A Bidder has the same legal representative as that of another Bidder for purposes of this bid;
- (d) A Bidder has a relationship, directly or through third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder or influence the decisions of the Procuring Entity regarding this bidding process;
- (e) A Bidder submits more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid;
- (f) A Bidder who participated as a consultant in the preparation of the design or technical specifications of the Goods and related services that are the subject of the bid; or
- (g) A Bidder who lends, or temporarily seconds, its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.

4.2. In accordance with Section 47 of the IRR of RA 9184, all Bidding Documents shall be accompanied by a sworn affidavit of the Bidder that it is not related to the Head of the Procuring Entity (HoPE), members of the Bids and Awards Committee (BAC), members of the Technical Working Group (TWG), members of the BAC Secretariat, the head of the Project Management Office (PMO) or the end-user unit, and the project consultants, by consanguinity or affinity up to the third civil degree. On the part of the Bidder, this Clause shall apply to the following persons:

- (a) If the Bidder is an individual or a sole proprietorship, to the Bidder himself;
- (b) If the Bidder is a partnership, to all its officers and members;
- (c) If the Bidder is a corporation, to all its officers, directors, and controlling stockholders;
- (d) If the Bidder is a cooperative, to all its officers, directors, and controlling shareholders or members; and

- (e) If the Bidder is a joint venture (JV), the provisions of items (a), (b), (c), or (d) of this Clause shall correspondingly apply to each of the members of the said JV, as may be appropriate.

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

5. Eligible Bidders

5.1. Unless otherwise provided in the **BDS**, the following persons shall be eligible to participate in this bidding:

- (a) Duly licensed Filipino citizens/sole proprietorships;
- (b) Partnerships duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the interest belongs to citizens of the Philippines;
- (c) Corporations duly organized under the laws of the Philippines, and of which at least sixty percent (60%) of the outstanding capital stock belongs to citizens of the Philippines;
- (d) Cooperatives duly organized under the laws of the Philippines; and
- (e) Persons/entities forming themselves into a Joint Venture (JV), *i.e.*, a group of two (2) or more persons/entities that intend to be jointly and severally responsible or liable for a particular contract: Provided, however, that Filipino ownership or interest of the JV concerned shall be at least sixty percent(60%).

5.2. Foreign bidders may be eligible to participate when any of the following circumstances exist, as specified in the **BDS**:

- (a) When a Treaty or International or Executive Agreement as provided in Section 4 of RA 9184 and its IRR allow foreign bidders to participate;
- (b) Citizens, corporations, or associations of a country, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
- (c) When the Goods sought to be procured are not available from local suppliers; or
- (d) When there is a need to prevent situations that defeat competition or restrain trade.

5.3. Government owned or –controlled corporations (GOCCs) may be eligible to participate only if they can establish that they (a) are legally and financially autonomous, (b) operate under commercial law, and (c) are not attached agencies of the Procuring Entity.

- 5.4. Unless otherwise provided in the **BDS**, the Bidder must have completed a Single Largest Completed Contract (SLCC) similar to the Project and the value of which, adjusted, if necessary, by the Bidder to current prices using the Philippine Statistics Authority (PSA) consumer price index, must be at least equivalent to a percentage of the ABC stated in the **BDS**.

For this purpose, contracts similar to the Project shall be those described in the **BDS**, and completed within the relevant period stated in the Invitation to Bid and **ITB** Clause 12.1(a)(ii).

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

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

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

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

If the prospective bidder opts to submit a committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC to be bid. If issued by a foreign universal or commercial bank, it shall be confirmed or authenticated by a local universal or commercial bank.

6. Bidder's Responsibilities

- 6.1. The Bidder or its duly authorized representative shall submit a sworn statement in the form prescribed in Section VIII. Bidding Forms as required in **ITB** Clause 12.1(b)(iii).
- 6.2. The Bidder is responsible for the following:
- (a) Having taken steps to carefully examine all of the Bidding Documents;
 - (b) Having acknowledged all conditions, local or otherwise, affecting the implementation of the contract;
 - (c) Having made an estimate of the facilities available and needed for the contract to be bid, if any;
 - (d) Having complied with its responsibility to inquire or secure Supplemental/Bid Bulletin(s) as provided under **ITB** Clause 10.4.

- (e) Ensuring that it is not “blacklisted” or barred from bidding by the GOP or any of its agencies, offices, corporations, or LGUs, including foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the GPPB;
- (f) Ensuring that each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- (g) Authorizing the HoPE or its duly authorized representative/s to verify all the documents submitted;
- (h) Ensuring that the signatory is the duly authorized representative of the Bidder, and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the Bidder in the bidding, with the duly notarized Secretary’s Certificate attesting to such fact, if the Bidder is a corporation, partnership, cooperative, or joint venture;
- (i) Complying with the disclosure provision under Section 47 of RA 9184 and its IRR in relation to other provisions of RA 3019;
- (j) Complying with existing labor laws and standards, in the case of procurement of services; Moreover, bidder undertakes to:
 - (i) Ensure the entitlement of workers to wages, hours of work, safety and health and other prevailing conditions of work as established by national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable.

In case there is a finding by the Procuring Entity or the DOLE of underpayment or non-payment of workers’ wage and wage-related benefits, bidder agrees that the performance security or portion of the contract amount shall be withheld in favor of the complaining workers pursuant to appropriate provisions of Republic Act No. 9184 without prejudice to the institution of appropriate actions under the Labor Code, as amended, and other social legislations.

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

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

- (iii) Inform the workers of their conditions of work, labor clauses under the contract specifying wages, hours of work and other benefits under prevailing national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable, through posting in two (2) conspicuous places in the establishment's premises; and
- (k) Ensuring that it did not give or pay, directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

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

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

7. Origin of Goods

Unless otherwise indicated in the **BDS**, there is no restriction on the origin of goods other than those prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, subject to **ITB** Clause 27.1.

8. Subcontracts

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

Contents of Bidding Documents

9. Pre-Bid Conference

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

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

10. Clarification and Amendment of Bidding Documents

- 10.1. Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such request must be in writing and submitted to the Procuring Entity at the address indicated in the **BDS** at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.
- 10.2. The BAC shall respond to the said request by issuing a Supplemental/Bid Bulletin, to be made available to all those who have properly secured the Bidding Documents, at least seven (7) calendar days before the deadline for the submission and receipt of Bids.
- 10.3. Supplemental/Bid Bulletins may also be issued upon the Procuring Entity's initiative for purposes of clarifying or modifying any provision of the Bidding Documents not later than seven (7) calendar days before the deadline for the submission and receipt of Bids. Any modification to the Bidding Documents shall be identified as an amendment.
- 10.4. Any Supplemental/Bid Bulletin issued by the BAC shall also be posted in the PhilGEPS and the website of the Procuring Entity concerned, if available, and at any conspicuous place in the premises of the Procuring Entity concerned. It shall be the responsibility of all Bidders who have properly secured the Bidding Documents to inquire and secure Supplemental/Bid Bulletins that may be issued by the BAC. However, Bidders who have submitted bids before the issuance of the Supplemental/Bid Bulletin must be informed and allowed to modify or withdraw their bids in accordance with **ITB** Clause 23.

Preparation of Bids

11. Language of Bids

The eligibility requirements or statements, the bids, and all other documents to be submitted to the BAC must be in English. If the eligibility requirements or statements, the bids, and all other documents submitted to the BAC are in foreign language other than English, it must be accompanied by a translation of the documents in English. The documents shall be translated by the relevant foreign government agency, the foreign government agency authorized to translate documents, or a registered translator in the foreign bidder's country; and shall be authenticated by the appropriate Philippine foreign service establishment/post or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. The English translation shall govern, for purposes of interpretation of the bid.

12. Documents Comprising the Bid: Eligibility and Technical Components

- 12.1. Unless otherwise indicated in the **BDS**, the first envelope shall contain the following eligibility and technical documents:
 - (a) Eligibility Documents –

Class “A” Documents:

- (i) PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or Post, which shall submit their eligibility documents under Section 23.1 of the IRR, provided, that the winning bidder shall register with the PhilGEPS in accordance with section 37.1.4 of the IRR.
- (ii) Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and

Statement of the Bidder’s SLCC similar to the contract to be bid, in accordance with ITB Clause 5.4, within the relevant period as provided in the **BDS**.

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

- (ii.1) name of the contract;
 - (ii.2) date of the contract;
 - (ii.3) contract duration;
 - (ii.4) owner’s name and address;
 - (ii.5) kinds of Goods;
 - (ii.6) For Statement of Ongoing Contracts - amount of contract and value of outstanding contracts;
 - (ii.7) For Statement of SLCC - amount of completed contracts, adjusted by the Bidder to current prices using PSA’s consumer price index, if necessary for the purpose of meeting the SLCC requirement;
 - (ii.8) date of delivery; and
 - (ii.9) end user’s acceptance or official receipt(s) or sales invoice issued for the contract, if completed, which shall be attached to the statements.
- (iii) NFCC computation in accordance with ITB Clause 5.5 or a committed Line of Credit from a universal or commercial bank.

Class “B” Document:

- (iv) If applicable, the Joint Venture Agreement (JVA) in case the joint venture is already in existence, or duly notarized statements from all the potential joint venture partners in accordance with Section 23.1(b) of the IRR.
- (b) Technical Documents –
- (i) Bid security in accordance with **ITB** Clause 18. If the Bidder opts to submit the bid security in the form of:
 - (i.1) a bank draft/guarantee or an irrevocable letter of credit issued by a foreign bank, it shall be accompanied by a confirmation from a Universal or Commercial Bank; or
 - (i.2) a surety bond, it shall be accompanied by a certification by the Insurance Commission that the surety or insurance company is authorized to issue such instruments;
 - (ii) Conformity with technical specifications, as enumerated and specified in Sections VI and VII of the Bidding Documents; and
 - (iii) Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section VIII. Bidding Forms.
 - (iv) For foreign bidders claiming eligibility by reason of their country's extension of reciprocal rights to Filipinos, a certification from the relevant government office of their country stating that Filipinos are allowed to participate in their government procurement activities for the same item or product.

13. Documents Comprising the Bid: Financial Component

13.1. Unless otherwise stated in the **BDS**, the financial component of the bid shall contain the following:

- (a) Financial Bid Form, which includes bid prices and the applicable Price Schedules, in accordance with **ITB** Clauses 15.1 and 15.4;
- (b) If the Bidder claims preference as a Domestic Bidder, a certification from the DTI issued in accordance with **ITB** Clause 27, unless otherwise provided in the **BDS**; and
- (c) Any other document related to the financial component of the bid as stated in the **BDS**.

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

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

14. Alternative Bids

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

15. Bid Prices

- 15.1. The Bidder shall complete the appropriate Schedule of Prices included herein, stating the unit prices, total price per item, the total amount and the expected countries of origin of the Goods to be supplied under this Project.

- 15.2. The Bidder shall fill in rates and prices for all items of the Goods described in the Schedule of Prices. Bids not addressing or providing all of the required items in the Bidding Documents including, where applicable, Schedule of Prices, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Government, except those required by law or regulations to be accomplished.
- 15.3. The terms Ex Works (EXW), Cost, Insurance and Freight (CIF), Cost and Insurance Paid to (CIP), Delivered Duty Paid (DDP), and other trade terms used to describe the obligations of the parties, shall be governed by the rules prescribed in the current edition of the International Commercial Terms (INCOTERMS) published by the International Chamber of Commerce, Paris.
- 15.4. Prices indicated on the Price Schedule shall be entered separately in the following manner:
- (a) For Goods offered from within the Procuring Entity's country:
 - (i) The price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable);
 - (ii) The cost of all customs duties and sales and other taxes already paid or payable;
 - (iii) The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - (iv) The price of other (incidental) services, if any, listed in the **BDS**.
 - (b) For Goods offered from abroad:
 - (i) Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted DDP with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
 - (ii) The price of other (incidental) services, if any, listed in the **BDS**.
 - (c) For Services, based on the form which may be prescribed by the Procuring Entity, in accordance with existing laws, rules and regulations
- 15.5. Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation or price escalation on any account. A

bid submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected, pursuant to **ITB** Clause 24.

All bid prices for the given scope of work in the contract as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances. Upon the recommendation of the Procuring Entity, price escalation may be allowed in extraordinary circumstances as may be determined by the National Economic and Development Authority in accordance with the Civil Code of the Philippines, and upon approval by the GPPB. Nevertheless, in cases where the cost of the awarded contract is affected by any applicable new laws, ordinances, regulations, or other acts of the GOP, promulgated after the date of bid opening, a contract price adjustment shall be made or appropriate relief shall be applied on a no loss-no gain basis.

16. Bid Currencies

16.1. Prices shall be quoted in the following currencies:

- (a) For Goods that the Bidder will supply from within the Philippines, the prices shall be quoted in Philippine Pesos.
- (b) For Goods that the Bidder will supply from outside the Philippines, the prices may be quoted in the currency(ies) stated in the **BDS**. However, for purposes of bid evaluation, bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the *Bangko Sentral ng Pilipinas* (BSP) reference rate bulletin on the day of the bid opening.

16.2. If so allowed in accordance with **ITB** Clause 16.1, the Procuring Entity for purposes of bid evaluation and comparing the bid prices will convert the amounts in various currencies in which the bid price is expressed to Philippine Pesos at the foregoing exchange rates.

16.3. Unless otherwise specified in the **BDS**, payment of the contract price shall be made in Philippine Pesos.

17. Bid Validity

17.1. Bids shall remain valid for the period specified in the **BDS** which shall not exceed one hundred twenty (120) calendar days from the date of the opening of bids.

17.2. In exceptional circumstances, prior to the expiration of the bid validity period, the Procuring Entity may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. The bid security described in **ITB** Clause 18 should also be extended corresponding to the extension of the bid validity period at the least. A Bidder may refuse the request without forfeiting its bid security, but his bid shall no longer be considered for further evaluation and award. A Bidder granting the request shall not be required or permitted to modify its bid.

18. Bid Security

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

Form of Bid Security	Amount of Bid Security (Not Less than the Percentage of the ABC)
<p>(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.</p> <p><i>For biddings conducted by LGUs, the Cashier's/Manager's Check may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p>	Two percent (2%)
<p>(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.</p> <p><i>For biddings conducted by LGUs, Bank Draft/Guarantee, or Irrevocable Letter of Credit may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p>	
<p>(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.</p>	Five percent (5%)

The Bid Securing Declaration mentioned above is an undertaking which states, among others, that the Bidder shall enter into contract with the procuring entity and furnish the performance security required under ITB Clause 33.2, within ten (10) calendar days from receipt of the Notice of Award, and commits to pay the corresponding amount as fine, and be suspended for a period of time from being qualified to participate in any

government procurement activity in the event it violates any of the conditions stated therein as provided in the guidelines issued by the GPPB.

- 18.2. The bid security should be valid for the period specified in the **BDS**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.
- 18.3. No bid securities shall be returned to Bidders after the opening of bids and before contract signing, except to those that failed or declared as post-disqualified, upon submission of a written waiver of their right to file a request or reconsideration and/or protest, or upon the lapse of the reglementary period to file a request for reconsideration or protest. Without prejudice on its forfeiture, bid securities shall be returned only after the Bidder with the Lowest Calculated Responsive Bid (LCRB) has signed the contract and furnished the performance security, but in no case later than the expiration of the bid security validity period indicated in **ITB** Clause 18.2.
- 18.4. Upon signing and execution of the contract pursuant to **ITB** Clause 32, and the posting of the performance security pursuant to **ITB** Clause 33, the successful Bidder's bid security will be discharged, but in no case later than the bid security validity period as indicated in the **ITB** Clause 18.2.
- 18.5. The bid security may be forfeited:
 - (a) if a Bidder:
 - (i) withdraws its bid during the period of bid validity specified in **ITB** Clause 17;
 - (ii) does not accept the correction of errors pursuant to **ITB** Clause 28.3(b);
 - (iii) has a finding against the veracity of any of the documents submitted as stated in **ITB** Clause 29.2;
 - (iv) submission of eligibility requirements containing false information or falsified documents;
 - (v) submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding;
 - (vi) allowing the use of one's name, or using the name of another for purposes of public bidding;
 - (vii) withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the LCRB;
 - (viii) refusal or failure to post the required performance security within the prescribed time;

- (ix) refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification;
 - (x) any documented attempt by a Bidder to unduly influence the outcome of the bidding in his favor;
 - (xi) failure of the potential joint venture partners to enter into the joint venture after the bid is declared successful; or
 - (xii) all other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.
- (b) if the successful Bidder:
- (i) fails to sign the contract in accordance with **ITB** Clause 32; or
 - (ii) fails to furnish performance security in accordance with **ITB** Clause 33.

19. Format and Signing of Bids

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

20. Sealing and Marking of Bids

- 20.1. Bidders shall enclose their original eligibility and technical documents described in **ITB** Clause 12 in one sealed envelope marked “ORIGINAL - TECHNICAL COMPONENT”, and the original of their financial component in another sealed envelope marked “ORIGINAL - FINANCIAL COMPONENT”, sealing them all in an outer envelope marked “ORIGINAL BID”.
- 20.2. Each copy of the first and second envelopes shall be similarly sealed duly marking the inner envelopes as “COPY NO. ___ - TECHNICAL COMPONENT” and “COPY NO. ___ – FINANCIAL COMPONENT” and the outer envelope as “COPY NO. ___”, respectively. These envelopes containing the original and the copies shall then be enclosed in one single envelope.
- 20.3. The original and the number of copies of the Bid as indicated in the **BDS** shall be typed or written in ink and shall be signed by the Bidder or its duly authorized representative/s.
- 20.4. All envelopes shall:
- (a) contain the name of the contract to be bid in capital letters;
 - (b) bear the name and address of the Bidder in capital letters;
 - (c) be addressed to the Procuring Entity’s BAC in accordance with **ITB** Clause 1.1;
 - (d) bear the specific identification of this bidding process indicated in the **ITB** Clause 1.2; and
 - (e) bear a warning “DO NOT OPEN BEFORE...” the date and time for the opening of bids, in accordance with **ITB** Clause 21.
- 20.5. Bid envelopes that are not properly sealed and marked, as required in the bidding documents, shall not be rejected, but the Bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC or the Procuring Entity shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening.

Submission and Opening of Bids

21. Deadline for Submission of Bids

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

22. Late Bids

Any bid submitted after the deadline for submission and receipt of bids prescribed by the Procuring Entity, pursuant to **ITB** Clause 21, shall be declared “Late” and shall

not be accepted by the Procuring Entity. The BAC shall record in the minutes of bid submission and opening, the Bidder's name, its representative and the time the late bid was submitted.

23. Modification and Withdrawal of Bids

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

24. Opening and Preliminary Examination of Bids

- 24.1. The BAC shall open the bids in public, immediately after the deadline for the submission and receipt of bids, as specified in the **BDS**. In case the Bids cannot be opened as scheduled due to justifiable reasons, the BAC shall take custody of the Bids submitted and reschedule the opening of Bids on the next working day or at the soonest possible time through the issuance of a Notice of Postponement to be posted in the PhilGEPS website and the website of the Procuring Entity concerned.

- 24.2. Unless otherwise specified in the **BDS**, the BAC shall open the first bid envelopes and determine each Bidder's compliance with the documents prescribed in **ITB** Clause 12, using a non-discretionary "pass/fail" criterion. If a Bidder submits the required document, it shall be rated "passed" for that particular requirement. In this regard, bids that fail to include any requirement or are incomplete or patently insufficient shall be considered as "failed". Otherwise, the BAC shall rate the said first bid envelope as "passed".
- 24.3. Unless otherwise specified in the **BDS**, immediately after determining compliance with the requirements in the first envelope, the BAC shall forthwith open the second bid envelope of each remaining eligible bidder whose first bid envelope was rated "passed". The second envelope of each complying bidder shall be opened within the same day. In case one or more of the requirements in the second envelope of a particular bid is missing, incomplete or patently insufficient, and/or if the submitted total bid price exceeds the ABC unless otherwise provided in **ITB** Clause 13.2, the BAC shall rate the bid concerned as "failed". Only bids that are determined to contain all the bid requirements for both components shall be rated "passed" and shall immediately be considered for evaluation and comparison.
- 24.4. Letters of Withdrawal shall be read out and recorded during bid opening, and the envelope containing the corresponding withdrawn bid shall be returned to the Bidder unopened.
- 24.5. All members of the BAC who are present during bid opening shall initial every page of the original copies of all bids received and opened.
- 24.6. In the case of an eligible foreign bidder as described in **ITB** Clause 5, the following Class "A" Documents may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign Bidder concerned, which shall likewise be uploaded and maintained in the PhilGEPS in accordance with Section 8.5.2 of the IRR:
- (a) Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives;
 - (b) Mayor's/Business permit issued by the local government where the principal place of business of the bidder is located; and
 - (c) Audited Financial Statements showing, among others, the prospective bidder's total and current assets and liabilities stamped "received" by the Bureau of Internal Revenue or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two years from the date of bid submission.
- 24.7. Each partner of a joint venture agreement shall likewise submit the requirements in **ITB** Clause 12.1(a)(i). Submission of documents required under **ITB** Clauses 12.1(a)(ii) to 12.1(a)(iii) by any of the joint venture partners constitutes compliance.

- 24.8. The Procuring Entity shall prepare the minutes of the proceedings of the bid opening that shall include, as a minimum: (a) names of Bidders, their bid price (per lot, if applicable, and/or including discount, if any), bid security, findings of preliminary examination, and whether there is a withdrawal or modification; and (b) attendance sheet. The BAC members shall sign the abstract of bids as read.
- 24.8 The bidders or their duly authorized representatives may attend the opening of bids. The BAC shall ensure the integrity, security, and confidentiality of all submitted bids. The Abstract of Bids as read and the minutes of the bid opening shall be made available to the public upon written request and payment of a specified fee to recover cost of materials.
- 24.9 To ensure transparency and accurate representation of the bid submission, the BAC Secretariat shall notify in writing all bidders whose bids it has received through its PhilGEPS-registered physical address or official e-mail address. The notice shall be issued within seven (7) calendar days from the date of the bid opening.

Evaluation and Comparison of Bids

25. Process to be Confidential

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

26. Clarification of Bids

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

27. Domestic Preference

- 27.1. Unless otherwise stated in the **BDS**, the Procuring Entity will grant a margin of preference for the purpose of comparison of bids in accordance with the following:
- (a) The preference shall be applied when the lowest Foreign Bid is lower than the lowest bid offered by a Domestic Bidder.

- (b) For evaluation purposes, the lowest Foreign Bid shall be increased by fifteen percent (15%).
 - (c) In the event that the lowest bid offered by a Domestic Bidder does not exceed the lowest Foreign Bid as increased, then the Procuring Entity shall award the contract to the Domestic Bidder at the amount of the lowest Foreign Bid.
 - (d) If the Domestic Bidder refuses to accept the award of contract at the amount of the Foreign Bid within two (2) calendar days from receipt of written advice from the BAC, the Procuring Entity shall award to the bidder offering the Foreign Bid, subject to post-qualification and submission of all the documentary requirements under these Bidding Documents.
- 27.2. A Bidder may be granted preference as a Domestic Bidder subject to the certification from the DTI that the Bidder is offering unmanufactured articles, materials or supplies of the growth or production of the Philippines, or manufactured articles, materials, or supplies manufactured or to be manufactured in the Philippines substantially from articles, materials, or supplies of the growth, production, or manufacture, as the case may be, of the Philippines.

28. Detailed Evaluation and Comparison of Bids

- 28.1. The Procuring Entity will undertake the detailed evaluation and comparison of bids which have passed the opening and preliminary examination of bids, pursuant to **ITB** Clause 24, in order to determine the Lowest Calculated Bid.
- 28.2. The Lowest Calculated Bid shall be determined in two steps:
- (a) The detailed evaluation of the financial component of the bids, to establish the correct calculated prices of the bids; and
 - (b) The ranking of the total bid prices as so calculated from the lowest to the highest. The bid with the lowest price shall be identified as the Lowest Calculated Bid.
- 28.3. 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 following in the evaluation of bids:
- (a) Completeness of the bid. Unless the **BDS** allows partial bids, bids not addressing or providing all of the required items in the Schedule of Requirements including, where applicable, Schedule of Prices, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Procuring Entity, except those required by law or regulations to be provided for; and

- (b) Arithmetical corrections. Consider computational errors and omissions to enable proper comparison of all eligible bids. It may also consider bid modifications. Any adjustment shall be calculated in monetary terms to determine the calculated prices.
- 28.4. Based on the detailed evaluation of bids, those that comply with the above-mentioned requirements shall be ranked in the ascending order of their total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, to identify the Lowest Calculated Bid. Total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, which exceed the ABC shall not be considered, unless otherwise indicated in the **BDS**.
- 28.5. The Procuring Entity's evaluation of bids shall be based on the bid price quoted in the Bid Form, which includes the Schedule of Prices.
- 28.6. Bids shall be evaluated on an equal footing to ensure fair competition. For this purpose, all bidders shall be required to include in their bids the cost of all taxes, such as, but not limited to, value added tax (VAT), income tax, local taxes, and other fiscal levies and duties which shall be itemized in the bid form and reflected in the detailed estimates. Such bids, including said taxes, shall be the basis for bid evaluation and comparison.
- 28.7. If so indicated pursuant to **ITB** Clause 1.2, Bids are being invited for individual lots or for any combination thereof, provided that all Bids and combinations of Bids shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid prices quoted shall correspond to all items specified for each lot and to all quantities specified for each item of a lot. Bid Security as required by **ITB** Clause 18 shall be submitted for each contract (lot) separately. The basis for evaluation of lots is specified in BDS Clause 28.3.

29. Post-Qualification

- 29.1. The BAC shall determine to its satisfaction whether the Bidder that is evaluated as having submitted the Lowest Calculated Bid complies with and is responsive to all the requirements and conditions specified in **ITB** Clauses 5, 12, and 13.
- 29.2. Within a non-extendible period of five (5) calendar days from receipt by the bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

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

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

30. Reservation Clause

- 30.1. Notwithstanding the eligibility or post-qualification of a Bidder, the Procuring Entity concerned reserves the right to review its qualifications at any stage of the procurement process if it has reasonable grounds to believe that a misrepresentation has been made by the said Bidder, or that there has been a change in the Bidder's capability to undertake the project from the time it submitted its eligibility requirements. Should such review uncover any misrepresentation made in the eligibility and bidding requirements, statements or documents, or any changes in the situation of the Bidder which will affect its capability to undertake the project so that it fails the preset eligibility or bid evaluation criteria, the Procuring Entity shall consider the said Bidder as ineligible and shall disqualify it from submitting a bid or from obtaining an award or contract.
- 30.2. Based on the following grounds, the Procuring Entity reserves the right to reject any and all bids, declare a Failure of Bidding at any time prior to the contract award, or not to award the contract, without thereby incurring any

liability, and make no assurance that a contract shall be entered into as a result of the bidding:

- (a) If there is *prima facie* evidence of collusion between appropriate public officers or employees of the Procuring Entity, or between the BAC and any of the Bidders, or if the collusion is between or among the bidders themselves, or between a Bidder and a third party, including any act which restricts, suppresses or nullifies or tends to restrict, suppress or nullify competition;
- (b) If the Procuring Entity's BAC is found to have failed in following the prescribed bidding procedures; or
- (c) For any justifiable and reasonable ground where the award of the contract will not redound to the benefit of the GOP as follows:
 - (i) If the physical and economic conditions have significantly changed so as to render the project no longer economically, financially or technically feasible as determined by the HoPE;
 - (ii) If the project is no longer necessary as determined by the HoPE; and
 - (iii) If the source of funds for the project has been withheld or reduced through no fault of the Procuring Entity.

30.3. In addition, the Procuring Entity may likewise declare a failure of bidding when:

- (a) No bids are received;
- (b) All prospective Bidders are declared ineligible;
- (c) All bids fail to comply with all the bid requirements or fail post-qualification; or
- (d) The bidder with the LCRB refuses, without justifiable cause to accept the award of contract, and no award is made in accordance with Section 40 of the IRR of RA 9184.

Award of Contract

31. Contract Award

31.1. Subject to **ITB** Clause 29, the HoPE or its duly authorized representative shall award the contract to the Bidder whose bid has been determined to be the LCRB.

31.2. Prior to the expiration of the period of bid validity, the Procuring Entity shall notify the successful Bidder in writing that its bid has been accepted, through a Notice of Award duly received by the Bidder or its representative personally

or sent by registered mail or electronically, receipt of which must be confirmed in writing within two (2) days by the Bidder with the LCRB and submitted personally or sent by registered mail or electronically to the Procuring Entity.

- 31.3. Notwithstanding the issuance of the Notice of Award, award of contract shall be subject to the following conditions:
- (a) Submission of the following documents within ten (10) calendar days from receipt of the Notice of Award:
 - (i) Valid JVA, if applicable; or
 - (ii) In the case of procurement by a Philippine Foreign Service Office or Post, the PhilGEPS Registration Number of the winning foreign Bidder;
 - (b) Posting of the performance security in accordance with **ITB** Clause33;
 - (c) Signing of the contract as provided in **ITB** Clause 32; and
 - (d) Approval by higher authority, if required, as provided in Section 37.3 of the IRR of RA 9184.
- 31.4. At the time of contract award, the Procuring Entity shall not increase or decrease the quantity of goods originally specified in Section VI. Schedule of Requirements.

32. Signing of the Contract

- 32.1. At the same time as the Procuring Entity notifies the successful Bidder that its bid has been accepted, the Procuring Entity shall send the Contract Form to the Bidder, which contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.
- 32.2. Within ten (10) calendar days from receipt of the Notice of Award, the successful Bidder shall post the required performance security, sign and date the contract and return it to the Procuring Entity.
- 32.3. The Procuring Entity shall enter into contract with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.
- 32.4. The following documents shall form part of the contract:
- (a) Contract Agreement;
 - (b) Bidding Documents;
 - (c) Winning bidder's bid, including the Technical and Financial Proposals, and all other documents/statements submitted(*e.g.*, bidder's response to

request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity’s bid evaluation;

- (d) Performance Security;
- (e) Notice of Award of Contract; and
- (f) Other contract documents that may be required by existing laws and/or specified in the **BDS**.

33. Performance Security

33.1. To guarantee the faithful performance by the winning Bidder of its obligations under the contract, it shall post a performance security within a maximum period of ten (10) calendar days from the receipt of the Notice of Award from the Procuring Entity and in no case later than the signing of the contract.

33.2. The Performance Security shall be denominated in Philippine Pesos and posted in favor of the Procuring Entity in an amount not less than the percentage of the total contract price in accordance with the following schedule:

Form of Performance Security	Amount of Performance Security (Not less than the Percentage of the Total Contract Price)
<p>(a) Cash or cashier’s/manager’s check issued by a Universal or Commercial Bank.</p> <p><i>For biddings conducted by the LGUs, the Cashier’s/Manager’s Check may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p>	<p>Five percent (5%)</p>
<p>(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.</p> <p><i>For biddings conducted by the LGUs, the Bank Draft/Guarantee or Irrevocable Letter of Credit may be issued by other banks certified by the BSP as authorized to issue such</i></p>	

Form of Performance Security	Amount of Performance Security (Not less than the Percentage of the Total Contract Price)
<i>financial instrument.</i>	
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Thirty percent (30%)

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

34. Notice to Proceed

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

35. Protest Mechanism

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
1.1	The Procuring Entity is: Metro Kidapawan Water District
1.2	<p>The reference are:</p> <p style="text-align: center;">Procurement of Goods for Construction of Lapaan Dam 3</p> <p style="text-align: center;">Set A- Construction Materials Set B- Pipes and Fittings</p>
2	<p>The Funding Source is the National Disaster Risk Reduction and Management Council through the office of the Civil Defense and Local Water Utilities Administration.</p> <p>The name of the Project is: Procurement of Goods for Construction of Lapaan Dam 3</p> <p>Payments by the District will be made only as per accomplishment request of the Supplier/Contractors.</p>
3.1	<p>MKWD’s Anticorruption Policy requires Bidders, Suppliers, and Contractors under MKWD-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, MKWD</p> <p>(a) defines, for the purposes of this provision, the terms set forth below as follows:</p> <p style="padding-left: 40px;">(i) “corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;</p> <p style="padding-left: 40px;">(ii) “fraudulent practice” means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;</p> <p style="padding-left: 40px;">(iii) “coercive practice” means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;</p> <p style="padding-left: 40px;">(iv) “collusive practice” means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;</p>

	<p>(v) “obstructive practice” means (a) deliberately destroying, falsifying, altering, or concealing of evidence material to an MKWD investigation; (b) making false statements to investigators in order to materially impede an MKWD investigation; (c) failing to comply with requests to provide information, documents or records in connection with an Office of Anticorruption and Integrity (OAI) investigation; (d) threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or (e) materially impeding MKWD’s contractual rights of audit or access to information; and</p> <p>(vi) “integrity violation” is any act which violates MKWD’s Anticorruption Policy, including (i) to (v) above and the following: abuse, conflict of interest, violations of MKWD sanctions, retaliation against whistleblowers or witnesses, and other violations of MKWD’s Anticorruption Policy, including failure to adhere to the highest ethical standard.</p> <p>(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations in competing for the Contract;</p> <p>(c) will cancel the portion of the financing allocated to a contract if it determines at any time that representatives of the borrower or of a beneficiary of MKWD-financing engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations during the procurement or the execution of that contract, without the borrower having taken timely and appropriate action satisfactory to MKWD to remedy the situation;</p> <p>(d) will impose remedial actions on a firm or an individual, at any time, in accordance with MKWD’s Anticorruption Policy and Integrity Principles and Guidelines (both as amended from time to time), including declaring ineligible, either indefinitely or for a stated period of time, to participate in MKWD-financed, administered, or supported activities or to benefit from an MKWD-financed, administered, or supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations; and</p> <p>(e) will have the right to require that a provision be included in bidding documents and in contracts financed by MKWD, requiring Bidders, suppliers and contractors to permit MKWD or its representative to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by MKWD.</p>
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5.1	<p>Eligible Bidders are as described in MKWD Procurement Guidelines in accordance to the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184.</p> <p>An Eligible Bidder shall be deemed to have the nationality of a country if it is a citizen or constituted or incorporated, and operates in conformity with the provisions of the laws of that country.</p>
5.2	<p>Eligible Bidders are as described in MKWD Procurement Guidelines in accordance to the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184.</p>
5.4	<p>The Bidder must have completed, within the period specified in the Invitation to Bid and ITB Clause 12.1(a)(ii), a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.</p> <p>For this purpose, similar contracts shall refer to supply, delivery, installation, commissioning of water supply equipment, instrumentations, etc.</p>
7	<p>Eligible goods and services shall have their origin in eligible source countries as described in MKWD Procurement Guidelines in accordance to the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184.</p> <p>For the purpose of this Clause, origin means the country where the goods have been grown in, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its imported components.</p>
8.1	<p>Subcontracting is not allowed.</p>
8.2	<p>Not applicable.</p>
9.1	<p>The Procuring Entity will hold a pre-bid conference for this Project on 18 March 2021 at 02:00p.m. at the:</p> <p style="text-align: center;">Metro Kidapawan Water District Barangay Lanao, Kidapawan City Cotabato</p> <p>Pre-bid conference may be conducted in person or face-to-face through videoconferencing, webcasting, or similar technology, or a combination thereof.</p>
10.1	<p>The Procuring Entity’s address is:</p> <p style="text-align: center;">Metro Kidapawan Water District Barangay Lanao, Kidapawan City Cotabato</p>

	<p>Contact person: Ramil A. Condez, CE, RMP, MBA Department Manager A – ECD BAC Chairperson Telephone No. : (064) 577-1533, 577-1865 Email Address: metrokidapawan_wd@yahoo.com</p>
12.1	<p>The first envelope shall contain the following eligibility and technical documents:</p> <p>a. Eligibility Requirements</p> <ol style="list-style-type: none"> i. Registration Certification of the Company (SEC or DTI)OR PhilGEPS Certificate of Platinum Membership (with updated eligibility documents, if necessary); ii. Audited financial statement for the past two years; iii. List and copy of relevant contracts that comply to the experience requirement as specified in ITB Clause 5.4; iv. Committed Line of Credit from a universal or commercial bank, in accordance with ITB Clause 5.5 v. In case of Joint Venture, the JV Agreement, if existing, or a signed Statement from the partner companies that they will enter into a JV in case of award of contract; <p>b. Technical Documents</p> <ol style="list-style-type: none"> vi. Bid Security as required in ITB 18.1 of Section III. Bid Data Sheet; vii. Conformity with the technical specifications, as enumerated and specified in Sections VI and VII of the Bidding Documents; viii. Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section VIII. Bidding Forms. <p>Foreign bidders may submit the equivalent documents, if any, issued by the country of the foreign bidder.</p>
12.1(a)(ii)	The bidder's SLCC similar to the contract to be bid should have been completed within five (5) years prior to the deadline for the submission and receipt of bids.
13.1	No additional requirements.
13.1(b)	Domestic preference is not applicable.
13.1(c)	No additional requirements.
13.2	Bids that exceed the ABC will not be automatically rejected. Detailed price analysis will be carried out.
15.4(a)(iv)	No incidental services are required.

15.4(b)	Not applicable. The price of the Goods shall be quoted Delivered Duty Paid (DDP) Manongol Reservoir, Barangay Manongol, Kidapawan City, Cotabato. No incidental services are required.																
16.1(b)	The Bid prices for Goods supplied from outside of the Philippines shall be quoted in Philippine Pesos.																
16.3	Not applicable.																
17.1	Bids will be valid until 30 July 2021																
18.1	<p>The bid security shall be in the form of any of the following forms and amounts:</p> <p>Set A:</p> <table border="1"> <thead> <tr> <th>Form of Bid Security</th> <th>Minimum Amount</th> </tr> </thead> <tbody> <tr> <td>1. Manager's Check (2%)</td> <td>Php 473,006.59</td> </tr> <tr> <td>2. Bank draft or Bank Guarantee (2%)</td> <td>Php 473,006.59</td> </tr> <tr> <td>3. Surety Bond (5%)</td> <td>Php 1,182,516.48</td> </tr> </tbody> </table> <p>Set B:</p> <table border="1"> <thead> <tr> <th>Form of Bid Security</th> <th>Minimum Amount</th> </tr> </thead> <tbody> <tr> <td>1. Manager's Check (2%)</td> <td>Php 190,780.40</td> </tr> <tr> <td>2. Bank draft or Bank Guarantee (2%)</td> <td>Php 190,780.40</td> </tr> <tr> <td>3. Surety Bond (5%)</td> <td>Php 476,951.00</td> </tr> </tbody> </table>	Form of Bid Security	Minimum Amount	1. Manager's Check (2%)	Php 473,006.59	2. Bank draft or Bank Guarantee (2%)	Php 473,006.59	3. Surety Bond (5%)	Php 1,182,516.48	Form of Bid Security	Minimum Amount	1. Manager's Check (2%)	Php 190,780.40	2. Bank draft or Bank Guarantee (2%)	Php 190,780.40	3. Surety Bond (5%)	Php 476,951.00
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18.2	The bid security shall be valid until 30 August 2021																
20.3	Each Bidder shall submit One (1) original and three (3) copies of the first and second components of its bid.																
21	<p>The address for submission of bids is:</p> <p style="text-align: center;">Bids and Awards Committee Metro Kidapawan Water District Brgy. Lanao, Kidapawan City Cotabato, 9400 Telephone No.: (064) 577-1533 Email Address: metrokidapawan_wd@yahoo.com</p> <p>The deadline for submission of bids is 30 March 2021, 2:00 p.m.</p>																

24.1	<p>The BAC shall open the bids in public on 30 March 2021, 2:01 p.m. at:</p> <p style="text-align: center;">Metro Kidapawan Water District Barangay Lanao, Kidapawan City Cotabato</p> <p>The time for the bid opening shall be the same as the deadline for receipt of bids or promptly thereafter. Rescheduling the date of the opening of bids shall not be considered except for force majeure, such as natural calamities. In re-scheduling the opening of bids, the BAC shall issue a Notice of Postponement to be posted at the PhilGEPS and the procuring entity’s websites.</p>
24.2	<p>During Bid opening, if the first envelope lacks any of the documents listed in the ADB BDS 12.1, the bid shall be declared non-responsive but the documents shall be kept by the Procuring Entity. Only the unopened second envelope shall be returned to the Bidder.</p>
24.3	<p>The BAC shall immediately open the financial proposals in the second envelope of the responsive bids. The bid price shall be read and recorded.</p>
27.1	<p>Domestic preference is not applicable</p>
28.3(a)	<p>Partial bid is not allowed. The goods are grouped in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.</p>
28.4	<p>Bids that exceed the ABC will not be automatically rejected. Detailed price analysis will be carried out.</p>
29.2	<p>Certificate of PhilGEPS Platinum Membership, if this has not been submitted in the first envelope of the bid. <i>(The latest income and business tax returns are those within the last six months preceding the date of bid submission.)</i></p>
32.4(f)	<p>No additional requirement.</p>

Section IV. General Conditions of Contract

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1. Definitions

1.1. In this Contract, the following terms shall be interpreted as indicated:

- (a) “The Contract” means the agreement entered into between the Procuring Entity and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) “The Goods” means all of the supplies, equipment, machinery, spare parts, other materials and/or general support services which the Supplier is required to provide to the Procuring Entity under the Contract.
- (d) “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.
- (e) “GCC” means the General Conditions of Contract contained in this Section.
- (f) “SCC” means the Special Conditions of Contract.
- (g) “The Procuring Entity” means the organization purchasing the Goods, as named in the SCC.
- (h) “The Procuring Entity’s country” is the Philippines.
- (i) “The Supplier” means the individual contractor, manufacturer distributor, or firm supplying/manufacturing the Goods and Services under this Contract and named in the SCC.
- (j) The “Funding Source” means the organization named in the SCC.
- (k) “The Project Site,” where applicable, means the place or places named in the SCC.
- (l) “Day” means calendar day.
- (m) The “Effective Date” of the contract will be the date of signing the contract, however the Supplier shall commence performance of its obligations only upon receipt of the Notice to Proceed and copy of the approved contract.

- (n) “Verified Report” refers to the report submitted by the Implementing Unit to the HoPE setting forth its findings as to the existence of grounds or causes for termination and explicitly stating its recommendation for the issuance of a Notice to Terminate.

2. Corrupt, Fraudulent, Collusive, and Coercive Practices

2.1. Unless otherwise provided in the SCC, the Procuring Entity as well as the bidders, contractors, or suppliers shall observe the highest standard of ethics during the procurement and execution of this Contract. In pursuance of this policy, the Procuring Entity:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the Government, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in Republic Act 3019.
 - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition.
 - (iii) “collusive practices” means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Procuring Entity, designed to establish bid prices at artificial, non-competitive levels.
 - (iv) “coercive practices” means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract;
 - (v) “obstructive practice” is
 - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an

administrative proceedings or investigation of the Procuring Entity or any foreign government/foreign or international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or

(bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.

(b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in any of the practices mentioned in this Clause for purposes of competing for the contract.

2.2. Further the Funding Source, Borrower or Procuring Entity, as appropriate, will seek to impose the maximum civil, administrative and/or criminal penalties available under the applicable law on individuals and organizations deemed to be involved with any of the practices mentioned in **GCC** Clause 2.1(a).

3. Inspection and Audit by the Funding Source

The Supplier shall permit the Funding Source to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Funding Source, if so required by the Funding Source.

4. Governing Law and Language

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

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

5. Notices

5.1. Any notice, request, or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request, or consent shall be deemed to have been given or made when received by the concerned party, either in person or through an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram, or facsimile to such Party at the address specified in the

SCC, which shall be effective when delivered and duly received or on the notice's effective date, whichever is later.

- 5.2. A Party may change its address for notice hereunder by giving the other Party notice of such change pursuant to the provisions listed in the **SCC** for **GCC** Clause 5.1.

6. Scope of Contract

- 6.1. The Goods and Related Services to be provided shall be as specified in Section VI. Schedule of Requirements.
- 6.2. 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. Any additional requirements for the completion of this Contract shall be provided in the **SCC**.

7. Subcontracting

- 7.1. Subcontracting of any portion of the Goods, if allowed in the **BDS**, does not relieve the Supplier of any liability or obligation under this Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants or workmen.
- 7.2. If subcontracting is allowed, the Supplier may identify its subcontractor during contract implementation. Subcontractors disclosed and identified during the bidding may be changed during the implementation of this Contract. In either case, subcontractors must submit the documentary requirements under **ITB** Clause 12 and comply with the eligibility criteria specified in the **BDS**. In the event that any subcontractor is found by the Procuring Entity to be ineligible, the subcontracting of such portion of the Goods shall be disallowed.

8. Procuring Entity's Responsibilities

- 8.1. Whenever the performance of the obligations in this Contract requires that the Supplier obtain permits, approvals, import, and other licenses from local public authorities, the Procuring Entity shall, if so needed by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner.
- 8.2. The Procuring Entity shall pay all costs involved in the performance of its responsibilities in accordance with **GCC** Clause 6.

9. Prices

- 9.1. For the given scope of work in this Contract as awarded, all bid prices are considered fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances and upon

prior approval of the GPPB in accordance with Section 61 of R.A. 9184 and its IRR or except as provided in this Clause.

- 9.2. Prices charged by the Supplier for Goods delivered and/or services performed under this Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any change in price resulting from a Change Order issued in accordance with **GCC** Clause 29.

10. Payment

- 10.1. Payments shall be made only upon a certification by the HoPE to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. Except with the prior approval of the President no payment shall be made for services not yet rendered or for supplies and materials not yet delivered under this Contract. Ten percent (10%) of the amount of each payment shall be retained by the Procuring Entity to cover the Supplier's warranty obligations under this Contract as described in **GCC** Clause 17.
- 10.2. The Supplier's request(s) for payment shall be made to the Procuring Entity in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and/or Services performed, and by documents submitted pursuant to the **SCC** provision for **GCC** Clause 6.2, and upon fulfillment of other obligations stipulated in this Contract.
- 10.3. Pursuant to **GCC** Clause 10.2, payments shall be made promptly by the Procuring Entity, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier. Payments shall be in accordance with the schedule stated in the **SCC**.
- 10.4. Unless otherwise provided in the **SCC**, the currency in which payment is made to the Supplier under this Contract shall be in Philippine Pesos.
- 10.5. Unless otherwise provided in the **SCC**, payments using Letter of Credit (LC), in accordance with the Guidelines issued by the GPPB, is allowed. For this purpose, the amount of provisional sum is indicated in the **SCC**. All charges for the opening of the LC and/or incidental expenses thereto shall be for the account of the Supplier.

11. Advance Payment and Terms of Payment

- 11.1. Advance payment shall be made only after prior approval of the President, and shall not exceed fifteen percent (15%) of the Contract amount, unless otherwise directed by the President or in cases allowed under Annex "D" of RA 9184.
- 11.2. All progress payments shall first be charged against the advance payment until the latter has been fully exhausted.
- 11.3. For Goods supplied from abroad, unless otherwise indicated in the **SCC**, the terms of payment shall be as follows:

- (a) On Contract Signature: Fifteen Percent (15%) of the Contract Price shall be paid within sixty (60) days from signing of the Contract and upon submission of a claim and a bank guarantee for the equivalent amount valid until the Goods are delivered and in the form provided in Section VIII. Bidding Forms.
- (b) On Delivery: Sixty-five percent (65%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the SCC provision on Delivery and Documents.
- (c) On Acceptance: The remaining twenty percent (20%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no inspection or acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days of the date shown on the delivery receipt, the Supplier shall have the right to claim payment of the remaining twenty percent (20%) subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the SCC provision on Delivery and Documents.

12. Taxes and Duties

The Supplier, whether local or foreign, shall be entirely responsible for all the necessary taxes, stamp duties, license fees, and other such levies imposed for the completion of this Contract.

13. Performance Security

- 13.1. 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 the forms prescribed in the **ITB** Clause 33.2.
- 13.2. The performance security posted in favor of the Procuring Entity shall be forfeited in the event it is established that the winning bidder is in default in any of its obligations under the contract.
- 13.3. The performance security shall remain valid until issuance by the Procuring Entity of the Certificate of Final Acceptance.
- 13.4. The performance security may be released by the Procuring Entity and returned to the Supplier after the issuance of the Certificate of Final Acceptance subject to the following conditions:
 - (a) There are no pending claims against the Supplier or the surety company filed by the Procuring Entity;

- (b) The Supplier has no pending claims for labor and materials filed against it; and
 - (c) Other terms specified in the **SCC**.
- 13.5. In case of a reduction of the contract value, the Procuring Entity shall allow a proportional reduction in the original performance security, provided that any such reduction is more than ten percent (10%) and that the aggregate of such reductions is not more than fifty percent (50%) of the original performance security.

14. Use of Contract Documents and Information

- 14.1. The Supplier shall not, except for purposes of performing the obligations in this Contract, without the Procuring Entity's prior written consent, disclose this Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Entity. Any such disclosure shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 14.2. Any document, other than this Contract itself, enumerated in **GCC** Clause 14.1 shall remain the property of the Procuring Entity and shall be returned (all copies) to the Procuring Entity on completion of the Supplier's performance under this Contract if so required by the Procuring Entity.

15. Standards

The Goods provided under this Contract shall conform to the standards mentioned in the Section VII. Technical Specifications; and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the institution concerned.

16. Inspection and Tests

- 16.1. The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Entity. The **SCC** and Section VII. Technical Specifications shall specify what inspections and/or tests the Procuring Entity requires and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 16.2. If applicable, the inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Entity. The Supplier shall provide the Procuring Entity with results of such inspections and tests.

- 16.3. The Procuring Entity or its designated representative shall be entitled to attend the tests and/or inspections referred to in this Clause provided that the Procuring Entity shall bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
- 16.4. The Procuring Entity may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Procuring Entity, and shall repeat the test and/or inspection, at no cost to the Procuring Entity, upon giving a notice pursuant to **GCC** Clause 5.
- 16.5. The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Procuring Entity or its representative, shall release the Supplier from any warranties or other obligations under this Contract.

17. Warranty

- 17.1. The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials, except when the technical specifications required by the Procuring Entity provides otherwise.
- 17.2. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- 17.3. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier for a minimum period specified in the **SCC**. The obligation for the warranty shall be covered by, at the Supplier's option, either retention money in an amount equivalent to at least one percent (1%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) of the total Contract Price or other such amount if so specified in the **SCC**. The said amounts shall only be released after the lapse of the warranty period specified in the **SCC**; provided, however, that the Supplies delivered are free from patent and latent defects and all the conditions imposed under this Contract have been fully met.
- 17.4. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC** and with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Procuring Entity.
- 17.5. If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in **GCC** Clause 17.4, the Procuring Entity may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Entity

may have against the Supplier under the Contract and under the applicable law.

18. Delays in the Supplier's Performance

- 18.1. Delivery of the Goods and/or performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Entity in Section VI. Schedule of Requirement.
- 18.2. If at any time during the performance of this Contract, the Supplier or its Subcontractor(s) should encounter conditions impeding timely delivery of the Goods and/or performance of Services, the Supplier shall promptly notify the Procuring Entity in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, and upon causes provided for under GCC Clause 22, the Procuring Entity shall evaluate the situation and may extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of Contract.
- 18.3. Except as provided under GCC Clause 22, a delay by the Supplier in the performance of its obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 19, unless an extension of time is agreed upon pursuant to GCC Clause 29 without the application of liquidated damages.

19. Liquidated Damages

Subject to GCC Clauses 18 and 22, if the Supplier fails to satisfactorily deliver any or all of the Goods and/or to perform the Services within the period(s) specified in this Contract inclusive of duly granted time extensions if any, the Procuring Entity shall, without prejudice to its other remedies under this Contract and under the applicable law, deduct from the Contract Price, as liquidated damages, the applicable rate of one tenth (1/10) of one (1) percent of the cost of the unperformed portion for every day of delay until actual delivery or performance. The maximum deduction shall be ten percent (10%) of the amount of contract. Once the maximum is reached, the Procuring Entity may rescind or terminate the Contract pursuant to GCC Clause 23, without prejudice to other courses of action and remedies open to it.

20. Settlement of Disputes

- 20.1. If any dispute or difference of any kind whatsoever shall arise between the Procuring Entity and the Supplier in connection with or arising out of this Contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 20.2. If after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Procuring Entity or the

Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

- 20.3. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under this Contract.
- 20.4. In the case of a dispute between the Procuring Entity and the Supplier, the dispute shall be resolved in accordance with Republic Act 9285 (“R.A. 9285”), otherwise known as the “Alternative Dispute Resolution Act of 2004.”
- 20.5. Notwithstanding any reference to arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and the Procuring Entity shall pay the Supplier any monies due the Supplier.

21. Liability of the Supplier

- 21.1. The Supplier’s liability under this Contract shall be as provided by the laws of the Republic of the Philippines, subject to additional provisions, if any, set forth in the **SCC**.
- 21.2. Except in cases of criminal negligence or willful misconduct, and in the case of infringement of patent rights, if applicable, the aggregate liability of the Supplier to the Procuring Entity shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

22. Force Majeure

- 22.1. The Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that the Supplier’s delay in performance or other failure to perform its obligations under the Contract is the result of a *force majeure*.
- 22.2. For purposes of this Contract the terms “*force majeure*” and “fortuitous event” may be used interchangeably. In this regard, a fortuitous event or *force majeure* shall be interpreted to mean an event which the Supplier could not have foreseen, or which though foreseen, was inevitable. It shall not include ordinary unfavorable weather conditions; and any other cause the effects of which could have been avoided with the exercise of reasonable diligence by the Supplier. Such events may include, but not limited to, acts of the Procuring Entity in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 22.3. If a *force majeure* situation arises, the Supplier shall promptly notify the Procuring Entity in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity in writing, the Supplier shall

continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the *force majeure*.

23. Termination for Default

- 23.1. The Procuring Entity shall terminate this Contract for default when any of the following conditions attends its implementation:
- (a) Outside of *force majeure*, the Supplier fails to deliver or perform any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Procuring Entity pursuant to a request made by the Supplier prior to the delay, and such failure amounts to at least ten percent (10%) of the contract price;
 - (b) As a result of *force majeure*, the Supplier is unable to deliver or perform any or all of the Goods, amounting to at least ten percent (10%) of the contract price, for a period of not less than sixty (60) calendar days after receipt of the notice from the Procuring Entity stating that the circumstance of force majeure is deemed to have ceased; or
 - (c) The Supplier fails to perform any other obligation under the Contract.
- 23.2. In the event the Procuring Entity terminates this Contract in whole or in part, for any of the reasons provided under GCC Clauses 23 to 26, the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Entity for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of this Contract to the extent not terminated.
- 23.3. In case the delay in the delivery of the Goods and/or performance of the Services exceeds a time duration equivalent to ten percent (10%) of the specified contract time plus any time extension duly granted to the Supplier, the Procuring Entity may terminate this Contract, forfeit the Supplier's performance security and award the same to a qualified Supplier.

24. Termination for Insolvency

The Procuring Entity shall terminate this Contract if the Supplier is declared bankrupt or insolvent as determined with finality by a court of competent jurisdiction. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Entity and/or the Supplier.

25. Termination for Convenience

- 25.1. The Procuring Entity may terminate this Contract, in whole or in part, at any time for its convenience. The HoPE may terminate a contract for the convenience of the Government if he has determined the existence of

conditions that make Project Implementation economically, financially or technically impractical and/or unnecessary, such as, but not limited to, fortuitous event(s) or changes in law and national government policies.

- 25.2. The Goods that have been delivered and/or performed or are ready for delivery or performance within thirty (30) calendar days after the Supplier's receipt of Notice to Terminate shall be accepted by the Procuring Entity at the contract terms and prices. For Goods not yet performed and/or ready for delivery, the Procuring Entity may elect:
- (a) to have any portion delivered and/or performed and paid at the contract terms and prices; and/or
 - (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed and/or performed goods and for materials and parts previously procured by the Supplier.
- 25.3. If the Supplier suffers loss in its initial performance of the terminated contract, such as purchase of raw materials for goods specially manufactured for the Procuring Entity which cannot be sold in open market, it shall be allowed to recover partially from this Contract, on a *quantum meruit* basis. Before recovery may be made, the fact of loss must be established under oath by the Supplier to the satisfaction of the Procuring Entity before recovery may be made.

26. Termination for Unlawful Acts

- 26.1. The Procuring Entity may terminate this Contract in case it is determined *prima facie* that the Supplier has engaged, before or during the implementation of this Contract, in unlawful deeds and behaviors relative to contract acquisition and implementation. Unlawful acts include, but are not limited to, the following:
- (a) Corrupt, fraudulent, and coercive practices as defined in **ITB** Clause 3.1(a);
 - (b) Drawing up or using forged documents;
 - (c) Using adulterated materials, means or methods, or engaging in production contrary to rules of science or the trade; and
 - (d) Any other act analogous to the foregoing.

27. Procedures for Termination of Contracts

- 27.1. The following provisions shall govern the procedures for termination of this Contract:
- (a) Upon receipt of a written report of acts or causes which may constitute ground(s) for termination as aforementioned, or upon its own initiative, the Implementing Unit shall, within a period of seven (7) calendar

days, verify the existence of such ground(s) and cause the execution of a Verified Report, with all relevant evidence attached;

- (b) Upon recommendation by the Implementing Unit, the HoPE shall terminate this Contract only by a written notice to the Supplier conveying the termination of this Contract. The notice shall state:
 - (i) that this Contract is being terminated for any of the ground(s) afore-mentioned, and a statement of the acts that constitute the ground(s) constituting the same;
 - (ii) the extent of termination, whether in whole or in part;
 - (iii) an instruction to the Supplier to show cause as to why this Contract should not be terminated; and
 - (iv) special instructions of the Procuring Entity, if any.
- (c) The Notice to Terminate shall be accompanied by a copy of the Verified Report;
- (d) Within a period of seven (7) calendar days from receipt of the Notice of Termination, the Supplier shall submit to the HoPE a verified position paper stating why this Contract should not be terminated. If the Supplier fails to show cause after the lapse of the seven (7) day period, either by inaction or by default, the HoPE shall issue an order terminating this Contract;
- (e) The Procuring Entity may, at any time before receipt of the Supplier's verified position paper described in item (d) above withdraw the Notice to Terminate if it is determined that certain items or works subject of the notice had been completed, delivered, or performed before the Supplier's receipt of the notice;
- (f) Within a non-extendible period of ten (10) calendar days from receipt of the verified position paper, the HoPE shall decide whether or not to terminate this Contract. It shall serve a written notice to the Supplier of its decision and, unless otherwise provided, this Contract is deemed terminated from receipt of the Supplier of the notice of decision. The termination shall only be based on the ground(s) stated in the Notice to Terminate;
- (g) The HoPE may create a Contract Termination Review Committee (CTRC) to assist him in the discharge of this function. All decisions recommended by the CTRC shall be subject to the approval of the HoPE; and
- (h) The Supplier must serve a written notice to the Procuring Entity of its intention to terminate the contract at least thirty (30) calendar days before its intended termination. The Contract is deemed terminated if it

is not resumed in thirty (30) calendar days after the receipt of such notice by the Procuring Entity.

28. Assignment of Rights

The Supplier shall not assign his rights or obligations under this Contract, in whole or in part, except with the Procuring Entity's prior written consent.

29. Contract Amendment

Subject to applicable laws, no variation in or modification of the terms of this Contract shall be made except by written amendment signed by the parties.

30. Application

These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of this Contract.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1.1(g)	The Procuring Entity is Metro Kidapawan Water District .
1.1(i)	The Supplier is <i>[to be inserted at the time of contract award]</i> .
1.1(k)	The Project Site is: MKWD Saguing Watershed, Brgy. Perez, Kidapawan City
2.1	<p>Anticorruption Policy requires Borrowers, as well as Bidders, Suppliers, and Contractors under financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy,</p> <p>(a) defines, for the purposes of this provision, the terms set forth below as follows:</p> <p style="padding-left: 40px;">(i) “corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;</p> <p style="padding-left: 40px;">(ii) “fraudulent practice” means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;</p> <p style="padding-left: 40px;">(iii) “coercive practice” means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;</p> <p style="padding-left: 40px;">(iv) “collusive practice” means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;</p> <p style="padding-left: 40px;">(v) “abuse” means theft, waste or improper use of assets related to MKWD-related activity, either committed intentionally or through reckless disregard;</p> <p style="padding-left: 40px;">(vi) “conflict of interest” means any situation in which a party has interests that could improperly influence that party’s performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations;</p>

	<p>(vii) “obstructive practice” means (a) deliberately destroying, falsifying, altering or concealing of evidence material to an investigation, or deliberately making false statements to investigators, with the intent to impede an investigation; (b) threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to a Bank investigation or from pursuing the investigation; or (c) deliberate acts intended to impede the exercise of contractual rights of audit or inspection or access to information; and</p> <p>(viii) “integrity violation” is any act, as defined under MKWD’s Integrity Principles and Guidelines, which violates MKWD’s Anticorruption Policy, including (i) to (vii) above and the following: abuse, conflict of interest, violations of MKWD sanctions, retaliation against whistleblowers or witnesses, and other violations of MKWD's Anticorruption Policy, including failure to adhere to the highest ethical standard.</p> <p>(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations in competing for the Contract;</p> <p>(c) will cancel the portion of the financing allocated to a contract if it determines at any time that representatives of the borrower or of a beneficiary of MKWD-financing engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations during the procurement or the execution of that contract, without the borrower having taken timely and appropriate action satisfactory to MKWD to remedy the situation; and</p> <p>(d) will impose remedial actions on a firm or an individual, at any time, in accordance with MKWD’s Anticorruption Policy and Integrity Principles and Guidelines (both as amended from time to time), including declaring ineligible, either indefinitely or for a stated period of time, to participate in MKWD-financed, -administered, or -supported activities or to benefit from an MKWD-financed, -administered, or -supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations.</p> <p>All Bidders, consultants, contractors, suppliers and other third parties engaged or involved in MKWD-related activities have a duty to cooperate fully in any screening or investigation when requested by MKWD to do so. Such cooperation includes, but is not limited to, the following:</p> <p>(a) being available to be interviewed and replying fully and</p>
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	<p>truthfully to all questions asked;</p> <p>(b) providing MKWD with any items requested that are within the party’s control including, but not limited to, documents and other physical objects;</p> <p>(c) upon written request by MKWD, authorizing other related entities to release directly to MKWD such information that is specifically and materially related, directly or indirectly, to the said entities or issues which are the subject of the investigation;</p> <p>(d) cooperating with all reasonable requests to search or physically inspect their person and/or work areas, including files, electronic databases, and personal property used on MKWD activities, or that utilizes MKWD’s ICT resources or systems (including mobile phones, personal electronic devices, and electronic storage devices such as external disk drives);</p> <p>(e) cooperating in any testing requested by MKWD, including but not limited to, fingerprint identification, handwriting analysis, and physical examination and analysis; and</p> <p>(f) preserving and protecting confidentiality of all information discussed with, and as required by, MKWD.</p> <p>All Bidders, consultants, contractors and suppliers shall ensure that, in its contract with its sub-consultants, sub-contractors and other third parties engaged or involved in MKWD-related activities, such sub-consultants, sub-contractors and other third parties similarly undertake the foregoing duty to cooperate fully in any screening or investigation when requested by MKWD to do so.</p> <p>The Supplier shall permit MKWD to inspect the Supplier’s accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by MKWD, if so required by MKWD.</p>
<p>5.1</p>	<p>The Procuring Entity’s address for Notices is:</p> <p style="text-align: center;">Metro Kidapawan Water District Barangay Lanao, Kidapawan City Cotabato</p> <p>Contact person: Ramil A. Condez, CE, RMP, MBA Department Manager A – ECD BAC Chairperson Telephone No.: (064) 577-1533, 577-1865 Email Address: <u>metrokidapawan_wd@yahoo.com</u></p> <p>The Supplier’s address for Notices is:</p>

	<p>Address: _____ Contact Person: _____ Fax and telephone nos.: _____</p>
<p>6.2</p>	<p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>For Goods Supplied from Abroad: The delivery terms applicable to the Contract are DDP delivered</p> <ul style="list-style-type: none"> (a) Phase 1- Hauling of Materials from Supplier drop off to Bagong Silang by Truck/ Vehicle (b) Phase 2- Hauling of Materials from Sitio Bagong Silang to Lapaan Dam 1 (c) Phase 3- Hauling of Materials from Lapaan Dam 1 to Dam 3 site in accordance with INCOTERMS 2020. <p>For Goods Supplied from Within the Philippines: The delivery terms applicable to this Contract are delivered;</p> <ul style="list-style-type: none"> (a) Phase 1- Hauling of Materials from Supplier drop off to Bagong Silang by Truck/ Vehicle (b) Phase 2- Hauling of Materials from Sitio Bagong Silang to Lapaan Dam 1 (c) Phase 3- Hauling of Materials from Lapaan Dam 1 to Dam 3 site <p>Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI. Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are as follows:</p> <p>For Goods supplied from within the Philippines: Upon delivery of the Goods to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity:</p> <ul style="list-style-type: none"> (i) Original and four copies of the Supplier’s invoice showing Goods’ description, quantity, unit price, and total amount; (ii) Original and four copies delivery receipt/note, railway receipt, or truck receipt; (iii) Original Supplier’s factory inspection report;

	<p>(iv) Original and four copies of the Manufacturer’s and/or Supplier’s warranty certificate;</p> <p>(v) Original and four copies of the certificate of origin (for imported Goods);</p> <p>(vi) Delivery receipt detailing number and description of items received signed by the authorized receiving personnel;</p> <p>(vii) Certificate of Acceptance/Inspection Report signed by the Procuring Entity’s representative at the Project Site; and</p> <p>(viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity’s representative at the Project Site.</p> <p>For Goods supplied from abroad: Upon shipment, the Supplier shall notify the Procuring Entity and the insurance company by cable the full details of the shipment, including Contract Number, description of the Goods, quantity, vessel, bill of lading number and date, port of loading, date of shipment, port of discharge etc. Upon delivery to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents as applicable with the documentary requirements of any letter of credit issued taking precedence:</p> <p>(i) Original and four copies of the Supplier’s invoice showing Goods’ description, quantity, unit price, and total amount;</p> <p>(ii) Original and four copies of the negotiable, clean shipped on board bill of lading marked “freight pre-paid” and five copies of the non-negotiable bill of lading;</p> <p>(iii) Original Supplier’s factory inspection report;</p> <p>(iv) Original and four copies of the Manufacturer’s and/or Supplier’s warranty certificate;</p> <p>(v) Original and four copies of the certificate of origin (for imported Goods);</p> <p>(vi) Delivery receipt detailing number and description of items received signed by the Procuring Entity’s representative at the Project Site;</p> <p>(vii) Certificate of Acceptance/Inspection Report signed by the Procuring Entity’s representative at the Project Site; and</p> <p>(viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity’s representative at the Project Site.</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is: _____</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule</p>
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	<p>of Requirement:</p> <ul style="list-style-type: none"> (a) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; (b) maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and (c) training of the Procuring Entity’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods. <p>The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p> <p>Spare Parts –</p> <p>The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <ul style="list-style-type: none"> (a) such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and (b) in the event of termination of production of the spare parts: <ul style="list-style-type: none"> i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested. <p>The spare parts required are listed in Section VI. Schedule of Requirements and the cost thereof are included in the Contract Price</p> <p>The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods for a period of five (5) years.</p> <p>Other spare parts and components shall be supplied as promptly as possible, but in any case within one (1) month of placing the order.</p> <p>Packaging –</p> <p>The Supplier shall provide such packaging of the Goods as is required</p>
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to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the GOODS' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity

Name of the Supplier

Contract Description

Final Destination

Gross weight

Any special lifting instructions

Any special handling instructions

Any relevant HAZCHEM classifications

A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.

Insurance –

The Goods supplied under this Contract shall be fully insured by the Supplier in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery. The Goods remain at the risk and title of the Supplier until their final acceptance by the Procuring Entity.

Transportation –

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

	<p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered <i>force majeure</i> in accordance with GCC Clause 22.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP Deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Patent Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
6.6	The contractor shall proceed with the projects with or without the 15% mobilization.
10.4	Not applicable.
10.5	Payment using LC is not allowed.
11.3	Maintain the GCC Clause.
13.4(c)	No further instructions.
16.1	<p>The inspections and tests that will be conducted are:</p> <p>Inspection and performance tests prior to delivery and on site prior to acceptance of the goods.</p>
17.4	The period for correction of defects in the warranty period is seven (7) days.

21.1	If the Supplier is a joint venture, “All partners to the joint venture shall be jointly and severally liable to the Procuring Entity.”
21.3	All equipments and materials will be retained.
31	<p>Add the following as SCC Clause 31</p> <p>“31. Respectful Work Environment</p> <p>31.1 The Supplier shall ensure that its employees and Subcontractors observe the highest ethical standards and refrain from any form of bullying, discrimination, misconduct and harassment, including sexual harassment and shall, at all times, behave in a manner that creates an environment free of unethical behavior, bullying, misconduct and harassment, including sexual harassment. The Supplier shall take appropriate action against any employees or Subcontractors, including suspension or termination of employment or subcontract, if any form of unethical or inappropriate behavior is identified.</p> <p>31.2. The Supplier shall conduct training programs for its employees and Subcontractors to raise awareness on and prevent any form of bullying, discrimination, misconduct, and harassment including sexual harassment, and to promote a respectful work environment. The Supplier shall keep an up to date record of its employees and subcontractors who have attended and completed such training programs and provide such records to the Purchaser at their first written request.”</p>

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site. Delivery dates of the Goods should not be later than fifty (50) calendar days upon the receipt of the Notice to Proceed.

Item No	Description	Quantity	Units	Location of Delivery	Delivery Date
A. Construction of Materials					
1	Acetylene Refill	2	tanks	<u>Sitio Bagong Silang –Lapaan Dam 1- Lapaan Dam 3</u>	
2	Adapter 13mmØ PE-GI	4	pcs		
3	Anchor Bolt 5/8" x 12" HDG (Grade 55)	35	pcs		
4	Automatic Emergency Lights	3	pcs		
5	B.I (Black iron) Pipe 50mmx1.0mm x6m	30	pcs		
6	Ball Valve w/ Lockwings 13mmØ	4	pcs		
7	Bar 8mmØ × 6.0m Deformed	200	pcs		
8	Bar 10mmØ × 6.0m Deformed	404	pcs		
9	Bar 10mmØ × 6.0m Plain	16	pcs		
10	Bar 12mmØ × 6.0m Deformed	151	pcs		
11	Bar 12mmØ × 6.0m Plain	128	pcs		
12	Bar 16mmØ × 6.0m Deformed	10083	pcs		
13	Bar 20mmØ × 6.0m Deformed	50	pcs		
14	Bar 25mmØ × 6.0m Deformed	150	pcs		
15	Base Plate 2" x 2" x 50mm	1	pcs		
16	Base Plate 50mm thick (2.4mx1.2m)	1	pcs		
17	Baseplate 1/2" x 250mm x 250mm	8	pcs		
18	Blade Hacksaw	5	pcs		
19	Bolt Machine 24mmØ × 75mm w/ Nut & Washer	375	pcs		
20	Bolt Machine 27mmØ x 60mm w/ Nut & Washer	48	pcs		
21	Bolt w/ Nut and Washer (FT) 12mm x 150mm	35	pcs		
22	Boulders (size: 4" - 6")	3100	cu.m		
23	Bulb Receptacle	16	pcs		
24	Bushing 13mmØ x 9mmØ	1	pcs		
25	Bushing 25mmØ x 13mmØ G.I.	2	pcs		
26	Bushing 50mmØ x 25mmØ G.I.	2	pcs		
27	Cement Portland @ 40kg/bag	15,004	bags		
28	Chain Block (2-tons Capacity)	2	sets		
29	Channel Bar 2" × 3" × 5mm thk @ 6.0m Length	15	pcs		
30	CHB 4" x 8" x 16"	485	pcs		
31	Chekered Steel Plate 1.0m x 2.0m x 8mm (cut to size)	16	pcs		

Item No	Description	Quantity	Units	Location of Delivery	Delivery Date
32	Chekered Steel Plate 1.0mx2.0mx 5mm (cut to size)	4	pcs		
33	Chlorine Granules	6	kg		
34	Concrete Culvert (18"Ø × 1.20m)	24	pcs		
35	Concrete Putty Spot	12	gal		
36	Convenience Outlet (3 gang)	8	pcs		
37	Corporation Stop 25mmØ x 19mmØ	3	pcs		
38	Coupling 50mmØ G.I.	2	pcs		
39	C-Purlins 1.00mm thk × 2" × 4" × 6m	10	pcs		
40	C-Purlins 1.20mm thk × 2" × 6" × 6m	15	pcs		
41	C-Purlins 6mm thk × 75mm × 6.0m	150	pcs		
42	Cutter Disk 4" (for Steel)	75	pcs		
43	Cutting Disk 4" (Concrete)	5	pcs		
44	Cutting Disk 4" (Metal)	5	pcs		
45	Door Hinges 25mmx 33mm	6	pcs		
46	Drill Bit 1/2" (Mechanical)	5	pcs		
47	Drill Bit 1/4" for Concrete	5	pcs		
48	Drill Bit 1/4" for Steel	5	pcs		
49	Drill Bit 1" (Steel)	25	pcs		
50	Elbow 13mmØ G.I.	2	pcs		
51	Elbow 13mmØ St. G.I.	2	pcs		
52	Elbow 25mmØ St.	1	pcs		
53	Elbow 25mmØ x 13mmØ reducer G.I.	1	pcs		
54	Elbow 3" × 45° Sanitary	3	pcs		
55	Elbow 4" × 45° Sanitary	3	pcs		
56	Elbow 4" × 90° Sanitary	3	pcs		
57	Elbow Reducer 25mmØ x 13mmØ G.I.	2	pcs		
58	Electrical Tape (Big)	6	rolls		
59	Empty Sack (cement size: 25 kg-laminated)	625	pcs		
60	Epoxy, dispenser	2	pcs		
61	Epoxy, Pure Epoxy-(Raw plug bonded anchor R-KEX II, 600M w/ Hardener)	5	pcs		
62	Expansion Bolt 24mmØ × 150mm	60	pcs		
63	Faucet (Stainless Steel)	3	sets		
64	Flat Bar 50mm x 6m x 6mm thick	24	pcs		
65	Flexible Hose 3/4"	100	pcs		
66	Fuel Allocation for Equipment (Diesel)	910	liters		
67	Fuel for Heavy Equipment	1000	liters		
68	Gabions Metallic Coated, 1.0m × 1.0m × 2.0m	1550	pcs		
69	Glass Mirror 1.50m x 1.50m	2	sets		
70	Good Lumber 1" x 6" x 10'	150	pcs		
71	Good Lumber 2" × 2" × 12'	4580	pcs		
72	Good Lumber 2" × 3" × 12'	100	pcs		
73	Good Lumber 2" × 4" × 12'	1500	pcs		

Item No	Description	Quantity	Units	Location of Delivery	Delivery Date
74	Good Lumber 2" x 2" x 10'	450	pcs		
75	Good Lumber 2" x 2" x 12'	80	pcs		
76	Good Lumber 2" x 3" x 12'	80	pcs		
77	Good Lumber 1" x 6" x 10'	10	pcs		
78	Good Lumber 2" x 2" x 12'	12	pcs		
79	Good Lumber 2" x 3" x 12'	6	pcs		
80	Good Lumber 2" x 2" x 10'	20	pcs		
81	Gravel, Washed	1694	cu.m		
82	Gusset Plate (Steel Plate)-8mm x 2.5m x 1.2m	2	pcs		
83	Headed Anchor Bolt with nuts and flat washer (25mm x1.0m)	24	pcs		
84	Heavy Duty Portable Chargeable Drilling Machine w/ 1 set drill bit 16mm and below	2	sets		
85	H-Frame 1.2mx1.7m (Set: 2-H Frame; 2 Cross braces, 4 joints)	40	sets		
86	High Strength Friction Boltsw/ nuts & washer (16mm)	620	pcs		
87	High Strength Friction Boltsw/ nuts & washer (20mm)	130	pcs		
88	Hollo Bolt Flush (lenthg 2 " 5mm dia.)	576	pcs		
89	Industrial Ceiling Fan 42" with Wall Control	1	set		
90	Item 200 Filling Material	40	Cu.m.		
91	Junction Box	5	pcs		
92	Laminated Sack	200	pcs		
93	Lavatory w/ Drain and Faucet Accessory	2	sets		
94	LED Light Bulb 9W	16	pcs		
95	Life Buoy with Refelctive Ring	2	pcs		
96	Life Jacket/Vest	2	pcs		
97	Limestone	760	cu.m		
98	Mesh Wire (5.0mm hole size & 1.2mm thk wire)	30	m		
99	Monoblock Chairs	6	pcs		
100	Mudguard 1m x 1m x 5mm thick	2	pcs		
101	Nails 1" CW	618	pcs		
102	Nails 2 1/2" CW	1221	kgs		
103	Nails 3" CW	343	kgs		
104	Nails 4" CW	45	kgs		
105	Nipple 50mmØ x 1.50m sch. 40	100	pcs		
106	Nylon Rope 1" x 100 meters	1	roll		
107	Office Table with Drawers	3	pcs		
108	Oxygen Refill Tank	10	tanks		
109	Paint Brush 3"	16	pcs		
110	Paint Brush 4"	36	pcs		
111	Paint Roller 6" w/ Pan	12	pcs		

Item No	Description	Quantity	Units	Location of Delivery	Delivery Date
112	Paint Roller 8" w/ Pan	20	pcs		
113	Paint Enamel Flat Wall Quick Dry (Gloss Exotic Sea @ 16 liters per pail)	9	pails		
114	Paint Enamel for Metal- Gray	10	gal		
115	Paint Gloss (Black)	10	gal		
116	Paint Latex Flat (Yellow)	4	gal		
117	Paint Latex Flat White	28	gal		
118	Paint Metal Primer	15	gal		
119	Paint Primer	12	gal		
120	Paint Red Oxide (Metal Primer)	43	gal		
121	Paint Thinner	82	gal		
122	Paint, Flat Latex, Blue	2	gal		
123	Paint, Flat Latex, White	10	gal		
124	Panel Board	1	set		
125	Pipe 13mmØ x .60 m (TBE) S-40	1	pcs		
126	Pipe 3" x 3.0m Sanitary	10	pcs		
127	Pipe 4" x 3.0m Sanitary	10	pcs		
128	Pipe G.I. 50mmØ S-40	6	pcs		
129	Pipe Nipple 13mmØ x 0.15m TBE G.I.	4	pcs		
130	Pipe Nipple 13mmØ x 0.6m TBE G.I.	2	pcs		
131	Pipe Nipple 50mmØ x 0.10m TBE	4	pcs		
132	Pipe Nipple 50mmØ x 0.30m TBE	1	pcs		
133	Pipe Nipple 50mmØ x 1.20m TOE	1	pcs		
134	Pipe P.E. 13mmØ SDR-9	30	m		
135	Plastic Twine (Black)	1	roll		
136	Plug 3" Sanitary	3	pcs		
137	Plug 4" Sanitary	3	pcs		
138	Plywood 1/4" x 1.20m x 2.40m	1800	pcs		
139	Plywood 1/4" x 4' x 8'	86	pcs		
140	Plywood 1/4" x 4' x 8' Ordinary	30	pcs		
141	PPGI Sheet GA26 x 8' (Blue - Rib Type)	7	length		
142	Pressure Gauge (200psi)	3	pcs		
143	P-Trap 3"	2	pcs		
144	P-Trap 4"	2	pcs		
145	Putty Solvent	2	gal		
146	PVC Door with complete lockset, jamb and door hinges	2	sets		
147	Reflectorized Enamel Paint (Yellow)	10	pcs		
148	Reflectorized Vest	30	pcs		
149	Ridge cap	1	pcs		
150	Roof GA26, PPGI Sheet, Currogated 8'	2	pcs		

Item No	Description	Quantity	Units	Location of Delivery	Delivery Date
151	Rubber Boots	30	pcs		
152	Rubber Construction Pail/Bucket	24	pcs		
153	Safety Gloves	30	pcs		
154	Sand and Gravel Mixed	65	cu.m		
155	Sand Fine, Washed	873	cu.m		
156	Sand Paper #120	10	sheets		
157	Sealant	4	packs		
158	Sealant (Small Only)	2	packs		
159	Solar Panel 100W 12V Monocrystalline complete with Controller, Batteries, Connecting Cable, and Inverter	4	sets		
160	Solar Power Motion Sensor LED Light (Roof Deck Fence)	14	sets		
161	Solid Wood Panel Door w/ complete key-in-knob lockset, double cylinder deadbolts, jamb and door hinges	1	set		
162	Stainless Steel Floor Drain 100mm x 100mm	2	sets		
163	Steel Angle Bar 3mm x 25mm x 25mm x 6m	20	pcs		
164	Steel Brace Angle Bar 60mmx60mmx6mm	40	pcs		
165	Steel Deck W995 1.0mm THK	80	pcs		
166	Steel Flat Bar 8mm thk x 50mm x 6.0m	3	pcs		
167	Steel I - Beam (W6 x 16 x 6.0m)	12	pcs		
168	Steel I-Beam W8 x 6.5 x 28#	14	pcs		
169	Steel I-Beam, W6 x 22	10	pcs		
170	Steel Plate 8mm x 0.15m x 0.30m	10	pcs		
171	Steel Plate 8mm x 1.20m x 2.40m	25	pcs		
172	Steel, Channel Bar 150mm x 50mm x 3mm thk x 6.0m	25	pcs		
173	Stud Bolt 10mmØ x 3" (Full Thread)	8	pcs		
174	Switch 1 gang	2	pcs		
175	Switch 2 gang	2	pcs		
176	Switch 3 gang	2	pcs		
177	Switch 4 gang	1	pcs		
178	Tackle Pulley for Rope (1")	2	pcs		
179	Tape Plumbing (25mmØ)	4	rolls		
180	Tee 13mmØ G.I.	3	pcs		
181	Tee 50mmØ G.I.	2	pcs		
182	Tekscrew #12 for Steel 2"	300	pcs		
183	THHN Stranded #12 Wire 150m/ Box	1	box		
184	THHN Stranded #14 Wire 150m/ Box	1	box		
185	Tie Wire #16	903	kgs		
186	Tile Adhesive	4	bags		
187	Tile Glazed 60cm x 60cm, Cream	46	pcs		
188	Tile Grout, Cream	5	kgs		
189	Toks Screw w/ Rubber (2")	220	pcs		

Item No.	Description	Quantity	Units	Location of Delivery	Delivery Date
190	Turnbuckle 12mm	18	pcs		
191	Utility Box	24	pcs		
192	Valve Ball w/ Lockwings 13mmØ	2	pcs		
193	Valve Ball w/ Lockwings 50mmØ	2	pcs		
194	Warning Tape 50mm (250m/roll)	2	rolls		
195	Water Closet w/ Bidet Complete w/ Fittings	2	sets		
196	Water Proofing Compound	10010	bags		
197	Welding Rod Special @ 10kg/box	135	boxes		
198	White Board 4' x 8'	1	pcs		
199	Wye 4" x 3" PVC	3	pcs		
200	Wye 4" x 4" PVC	3	pcs		
Item No	Description	Quantity	Units	Location of Delivery	Delivery Date
B. PIPES AND FITTINGS MATERIALS					
1	Adapter 150mmØ MJ/F	1	pcs		
2	Adapter 250mm MJ/F	2	pcs		
3	Adapter 250mmØ MJ/F (For Steel Pipe & Machineable)	1	pcs		
4	ARV 50mmØ D-10 (Combination Air)	2	pcs		
5	Clamp 200mm x 50mm Saddle	1	pcs		
6	Clamp 200mmØ x 19mmØ Saddle CI	1	pcs		
7	Clamp Saddle 250mmØ x 19mmØ (For Steel Pipe)	2	pcs		
8	Clamp Saddle 250mmØ x 50mmØ (For Steel Pipe)	2	pcs		
9	Coupling 100mm Sleeve Type MJ/MJ	4	pcs		
10	Coupling 150mm Sleeve Type MJ/MJ	5	pcs		
11	Coupling 200mm Sleeve Type MJ/MJ	15	pcs		
12	Coupling 250mm Sleeve Type MJ/MJ	2	pcs		
13	Coupling 300mm Sleeve Type MJ/MJ	2	pcs		
14	Elbow 100mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)	4	pcs		
15	Elbow 100mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)	2	pcs		
16	Elbow 100mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)	2	pcs		
17	Elbow 150mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)	4	pcs		
18	Elbow 150mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)	2	pcs		

Item No	Description	Quantity	Units	Location of Delivery	Delivery Date
19	Elbow 150mmØ x 90deg MJ/MJ	2	pcs		
20	Elbow 150mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)	2	pcs		
21	Elbow 200mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)	8	pcs		
22	Elbow 200mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)	15	pcs		
23	Elbow 200mmØ x 90deg MJ/MJ	4	pcs		
24	Elbow 200mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)	4	pcs		
25	Elbow 250mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)	8	pcs		
26	Elbow 250mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)	15	pcs		
27	Elbow 250mmØ x 90deg MJ/MJ	2	pcs		
28	Elbow 250mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)	4	pcs		
29	End Cap 200mmØ MJ/MJ	1	pc		
30	Fabricated Flanged Spool w/ Strainer 250mmØ	2	pcs		
31	Pipe 100mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	15	pcs		
32	Pipe 150mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	7	pcs		
33	Pipe 200mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	112	pcs		
34	Pipe 250mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	1	pcs		
35	Pipe 300mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	1	pcs		
36	Pipe GI 24" x 6.0m Sch.40	4	pcs		
37	Reducer 150mm x 100mm MJ/MJ	2	pcs		
38	Reducer 200mm x 150mm MJ/MJ	7	pcs		
39	Reducer 300mm x 200mm MJ/MJ	1	pcs		
40	Sleeve Type Coupling 100mmØ MJ/MJ (For Steel Pipe & Machineable)	2	pcs		
41	Sleeve Type Coupling 150mmØ MJ/MJ (For Steel Pipe & Machineable)	2	pcs		
42	Sleeve Type Coupling 200mmØ MJ/MJ (For Steel Pipe & Machineable)	15	pcs		
43	Sleeve Type Coupling 250mmØ MJ/MJ (For Steel Pipe & Machineable)	15	pcs		
44	Steel Pipe 250mmØ (O.D.=273.05mm; Wall Thickness=9.271 mm; Wt.= 60.2676 kg/m)- Type 304 Schedule 40S	134	pcs		
45	Tee 100mm x 100mm MJ/MJ	2	pcs		
46	Tee 150mm x 150mm MJ/MJ	5	pcs		
47	Tee 200mm x 200mm MJ/MJ	13	pcs		
48	Tee 200mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)	1	pcs		
49	Tee 250mm x 250mm MJ/MJ	1	pcs		
50	Tee 250mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)	1	pcs		

Item No	Description	Quantity	Units	Location of Delivery	Delivery Date
51	Tee 300mm × 300mm MJ/MJ	1	pcs		
52	Valve 10" Butterfly	4	pcs		
53	Valve 100mmØ Gate MJ/MJ (MS-NRS)	4	pcs		
54	Valve 150mmØ Gate F/F	1	pcs		
55	Valve 150mmØ Gate MJ/MJ (MS-NRS)	7	pcs		
56	Valve 200mmØ Gate MJ/MJ (MS-NRS)	21	pcs		
57	Valve 250mmØ Gate MJ/F	2	pcs		
58	Valve 250mmØ Gate MJ/MJ (MS-NRS)	1	pcs		
59	Valve 300mmØ Gate MJ/MJ (MS-NRS)	2	pcs		
60	Valve Gate 250mmØ F/F (For Steel Pipe & Machineable)	2	pcs		
61	Valve Gate 250mmØ MJ/MJ (For Steel Pipe & Machineable)	2	pcs		

Note: All uPVC Pipes should have Rubber Gaskets (not built-in).

 (Printed Name and Signature)
 Bidder's Authorized Representative

 Date

Section VII. Technical Specifications

Technical Specifications

LWUA STANDARD SPECIFICATIONS FOR WATER SUPPLY CONSTRUCTION

- A. The revised "LWUA Standard Specifications for Water Supply System Construction shall be part of the Technical Specifications as Volume 2 of 2 of the Bidding Documents.
- B. The Contractor shall refer to any applicable specifications specified therein.
- C. Any provision/s **on** the "LWUA Standard Specifications for Water Supply System Construction" consistent with the provision/specifications under this Technical Specifications shall remain valid and binding.

* *Note: Please refer to **APPENDIX A** for Local Water Utilities Administration (LWUA) Standard Specifications for Water System Construction.*

1.0 PIPES

1.1 SMALL STEEL PIPE

Unless otherwise shown, galvanized steel pipe in sizes less than 100 mm (4 in.) in diameter and smaller shall conform with the requirements of the "Specifications for Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Ordinary Uses" (ASTM A-120) and shall be Schedule 40. Galvanized steel pipe shall not be cement mortar-lined unless otherwise shown. Fittings for galvanized steel pipe shall be of galvanized malleable iron. Galvanized and black steel pipe shall not be used for buried service, except where shown on the Drawings.

Galvanized steel pipe for service connections shall be allowed only as specifically shown on the Drawings. The pipe shall be wrapped with a 500 micron thick PVC tape to a total thickness of 1000 microns, with half width over lapping. PVC tape shall be of a type approved by the Engineer and shall be applied in accordance with the manufacturer's recommendations.

1.2 CAST IRON WATER PIPE

a. Materials

Bell and spigot cast iron pipe shall conform with the requirements of the following:

1. "Cast Iron Pipe Centrifugally Cast in Metal Molds for Water or Other Liquids"(AWWA C-106) or "Cast Iron Pipe Centrifugally Cast in Sand-Lined Molds for Water or other Liquids" (AWWA C-108), shall be Class 100 or Class 150 where shown on the Drawings and as indicated in the Bid Schedule; or
2. "ISO Recommendation R-13; Cast Iron Pipes, Special Castings and Cast Iron Parts for Pressure Main Lines". The pipe shall be Class LA; however, the hydrostatic test pressure shall be 2.45 MPa (355 psi) for all sizes.

b. Flanges

Standard flanged cast iron pipe fittings shall conform with the requirements of the "American Standard for Cast-Iron Pipe Flanges and Flanged Fittings" (ANSI B16.1), Class 125.

c. Short Body Cast Iron Fittings

Short body cast iron fittings shall conform with the requirements of the "American Standard for Cast-Iron and Ductile Iron Fittings, 2 in. through 48 in., for Water and Other Liquids" (AWWA C-110) or "Cast Iron Pipes, Special Castings and Cast Iron Parts for Pressure Main Lines", ISO 13. Fittings shall have a wall thickness of not less than that of the pipe with which they are used and the ends shall have inside diameters suitable for making a watertight joint with the cast iron pipe furnished.

d. Cast Iron Pipe Joints

Cast iron pipe shall be furnished with bell and spigot ends with rubber "push-on" joints, flanged joints, or flexible couplings as shown. At the option of the Contractor, a mechanical joint may be substituted on all cast iron pipe and fittings for which a bell and spigot joint is called for. The mechanical joint shall conform with the requirements of the "American Standard for Rubber Gasket Joints for Cast-Iron and Ductile Iron Pressure Pipe and Fittings" (AWWA C-111), Class 150, except that inside diameters shall be suitable for making watertight joint with the cast iron pipe furnished.

e. Cement Mortar Lining

Cast iron pipe and fitting shall be lined with cement mortar in accordance with the requirements of the "American Standard for Cement-Mortar Lining for Cast-Iron Pipe and Ductile-Iron Pipe and Fittings for Water" (AWWA C-104).

1.3 CAST IRON SOIL PIPE

Cast iron soil pipe and fittings shall be bell and spigot pipe conforming with the requirements for extra-heavy soil pipe and fittings of the "Specifications for Cast Iron Soil Pipe and Fittings" (ANSI A112.5.1). The pipe shall be coal-tar pitch coated.

1.4 UPVC (POLYVINYL CHLORIDE) PIPE

This standard specifies the requirements for unplasticized polyvinyl chloride (uPVC) pipes with nominal diameter of 50 mm to 250 mm intended for the conveyance of potable water under pressure and of temperatures up to 45⁰C for use below ground.

The pipe shall conform with the requirements of the Philippine National Standard Specification for Unplasticized Polyvinyl Chloride (uPVC) Pipes for Potable Water Supply (PNS 65:1993) except as otherwise specified herein.

a. Definitions

For the purpose of this standard, the following definitions shall apply:

1. nominal pressure (PN) - The normal maximum internal pressure that the pipe can sustain in continuous use. This is expressed in megapascals (MPa) at 28⁰C.
2. design maximum induced stress - The estimated maximum tensile stress on the wall of the pipe along the transverse axis due to internal pressure to which the pipe can be subjected continuously without failure. This is used in calculating the wall thickness of the pipe. For the purpose of this standard, the maximum induced stress is 8.5 MPa at 28⁰C.
3. pipe series (s) - It is used in classifying the pipe, which is the ratio of the design maximum induced stress to the nominal pressure of the pipe. The pipe series number may be rounded off to the nearest whole number.
4. nominal dimensions - Nominal dimensions and values indicated herein are minimum limits as defined in this standard.
5. unplasticized polyvinyl chloride (uPVC) pipe - A pipe produced basically from an extrusion grade PVC material of high molecular weight, which does not contain any plasticizer.
6. rework material - PVC plastics from a processor's own production that has been reground, pelletized or solvated after having been previously processed.

b. Classification

Pipes shall be classified in accordance with the pipe series and/or the nominal pressure as follows:

1. Series 10 (PN 0.86 MPa)
2. Series 8 (PN 1.03 MPa)
3. Series 7 (PN 1.25 MPa)
4. Series 5 (PN 1.60 MPa)

In designing the maximum nominal pressure of the uPVC pipe under ambient temperatures other than 28°C, Table 1 - Maximum Induced Stress for Other Temperatures may be utilized in arriving at the maximum induced stress to be used. The said table may also be used in derating the nominal pressures of the pipe specified in this standard.

Table 1
Maximum Induced Stress for Other Temperatures

Water Temperature, t, 0C	Coefficient to be Applied to the Maximum Induced Stress
$0 < t < 25$	1

$25 < t < 35$	0.8
$35 < t < 45$	0.63

c. Requirements

1. Materials

- (a) The material from which the pipes are made shall consist substantially of polyvinyl chloride that conforms with PNS 291, to which may be added only those additives necessary to facilitate the manufacture of quality pipes of good surface finish and sound physical, mechanical and chemical properties.
- (b) None of the additives shall be used separately or together in quantities sufficient to constitute a toxic, organoleptic or microbial growth hazard or to impair the fabrication or welding properties of the product, or to impair the chemical, mechanical and physical properties (particularly long-term hydrostatic and impact strength) as defined in this standard.
- (c) The use of the manufacturer's own clean rework material produced during the manufacture and production testing of products conforming with this standard is permissible. No other rework material shall be used.

2. Dimensions

- (a) Standard Configurations - Shown in Figure 1 are the standard configurations of uPVC pipes with elastomeric sealing ring socket ends (sizes 63 mm to 500 mm)

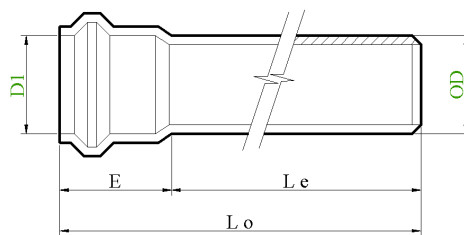


Figure 1 - Standard Configuration of Unplasticized Polyvinyl Chloride (uPVC) Pipes with Elastomeric Sealing Ring Socket Ends (63 mm to 500 mm)

- (b) Dimension and Tolerances - The outside diameters, socket depths, socket diameters, minimum wall thicknesses, effective lengths of the different pipe series/nominal pressures and the tolerances are indicated in Table 2.
- (c) Length - Unless otherwise specified by the purchaser, the length of the pipe shall be taken to mean the effective length, L_e , as shown in Figure

1. The minimum effective lengths are indicated in Table 2. A tolerance of +20 mm is allowable.

Table 2 – Standard Dimension

Nominal Pipe Size Inside Diameter (mm)	Nominal Outside Diameter (mm)	Minimum Socket Depth (E)	Socket Diameter (D1)		Wall Thickness Series 10 minimum (mm)	Wall Thickness Series 8 minimum (mm)
			Min.	Max.		
50	63	97	63.8	64.1	3.0	3.6
75	90	107	91.1	91.4	4.4	5.2
100	110	114	111.4	111.8	5.3	6.3
150	160	131	152.0	162.0	7.7	9.2
200	225	154	227.7	228.4	10.8	12.9
250	280	173	283.0	283.9	13.5	16.0

3. Physical Characteristics

- (a) Appearance - The pipe shall be homogeneous throughout and free from cracks, holes, encrustations and other foreign inclusions. Excessive die lines and/or stress marks (particularly in the socket and bell groove) as well as discernible material marbling are not allowed. The ends of the pipe shall be cleanly cut and square to the axis of the pipe.
- (b) Color - The color of the pipe shall be blue nearest to RAL 5012 and shall be uniform throughout the entire surface of the pipe.
- (c) Effect of Materials on Water Quality - When used under the conditions for which they are designed, non-metallic materials in contact with, or likely to come into contact with potable water shall not constitute a toxic hazard, shall not support microbial growth and shall not give rise to unpleasant taste or odor, cloudiness or discoloration of the water.

Concentration of substances, chemicals and biological agents leached from materials in contact with potable water, and measurements of the relevant organoleptic/physical parameters shall not exceed the maximum values recommended by the World Health Organization in its

publication "Guidelines for Drinking Water Quality" Vol. 1 "Recommendations" (WHO, Geneva, 1984).

If lead or mono/di-alkyl tin compounds are permitted to be used as stabilizers, the quantities of lead or tin measured as metals shall be determined in accordance with the method described in PNS 966/ISO 3114. The permitted levels shall not exceed the limits specified in Table 3.

Table 3 - Maximum Levels of Toxic Substances

Toxic Substances	Extraction		Total Concentration of 3 Extracts
	1st	3rd	
Lead, mg/L	1.00		0.05
Di-alkyl Tin, C4 and other higher monologues measured as tin, mg/L	0.02		
Cadmium, mg/L			0.01
Mercury, mg/L			0.001

- (d) Physical Properties - The pipe shall conform with the physical properties specified in Table 4.

Table 4 - Physical Properties

Property	Value	Test Method
Vicat Softening Temperature, °C, minimum	76	PNS 952/ISO 2507
Longitudinal Reversion, %, max.	5	PNS 951/ISO 2505
Water Absorption, g/m ² , max.	40	PNS 953/ISO 2508

- (e) Resistance to Acetone - The pipe shall not show signs of delamination or disintegration when immersed in acetone. Flattening and/or swelling of the pipe shall not be deemed to constitute failure when tested in accordance with PNS 978/ISO 3472.
- (f) Resistance to Sulfuric Acid - The mass of the specimen shall not increase by more than 0.316 g nor decrease by more than 0.013 g when tested in accordance with PNS 979/ISO 3473. The effect of the acid on the surface appearance of the specimen (roughening, bleaching or blackening) shall be ignored.

4. Mechanical Properties

The pipe shall conform with the applied pressure for the hydrostatic pressure tests indicated in Table 5 of PNS 65:1993 when tested in accordance with PNS 509/ISO 1167.

Table 5 - Applied Pressure for Pressure Test at 280

Series	Unit: MPa			
	10	8	7	5
Burst Pressure	3.80	4.56	5.49	7.10
Short Term Pressure	3.60	4.30	5.20	6.70
Long Term Pressure	2.50	3.00	3.60	4.65

For specific calculation, the following formula for deriving the applied pressure may be used:

$$p = \frac{2 \times S \times t_{\min.}}{D_m - t_{\min.}}$$

where:

- p is the applied pressure, MPa
- S is the design stress at 28°C, MPa
- t_{min.} is the minimum wall thickness, mm
- D_m is the maximum mean outside diameter, mm

(a) Hydrostatic Pressure Test Requirement

- (1) Burst Pressure - The pipe shall withstand the applied pressure for at least 60 seconds without failure. The value for the induced stress used in calculating pressure requirement is 37.5 MPa at 28°C.
- (2) Short Term Pressure - The pipe shall withstand the applied pressure for at least one hour without failure. The value for the induced stress used in calculating pressure requirement is 35.7 MPa at 28°C.
- (3) Long Term Pressure - The pipe shall withstand the applied pressure for at least 1000 hours without failure. The value for the induced stress used in calculating pressure requirement is 24.6 MPa at 28°C.

- (b) Resistance to External Blows - The true impact rate of the batch at 28°C shall not exceed 10% when tested in accordance with PNS 967/ISO 3127.

NOTE - The true impact rate is the total number of broken test pieces divided by the total number of blows, expressed as percentage as if the whole batch had been tested. In practice, test pieces are drawn at random from the batch and only estimate of the true impact rates are obtained.

- (c) Flattening - The pipe shall not show evidence of splitting, cracking and breaking when flattened to a minimum of 40% of its outside diameter when tested in accordance with PNS 800/ASTM D2241.

5. Joints

Elastomeric sealing ring type joints shall be used for sizes 63 mm up to 500 mm. The elastomeric sealing ring shall conform with PNS 1008/ISO 4633.

e. Sampling and Testing

1. At least one piece or set (depending on the quantities specified by the test method) of sample/s per production batch (one production run or one production shift, whichever is shorter) shall be taken at random for testing in accordance with the methods and procedures specified in this standard.
2. The pipes shall be tested in accordance with the methods prescribed in this standard.
3. The frequency of sampling and testing of pipes is shown in Table 6.

f. Marking

The pipe shall be clearly marked with the following information spaced at intervals of not more than one metre:

1. Name of Product
2. Nominal outside diameter, mm
3. Series and/or Nominal pressure, MPa
4. Manufacturer's name and/or its recognized trademark
5. The words "Made in PHL" or "Made in the Phil."
6. The words "For Potable Water"

1.5. SERVICE LINES

a. Materials

The service line piping 50 mm (2 in.) and smaller shall be made of polyethylene or polybutylene tubing as specified herein and in the sizes shown on the Drawings. Service pipings having diameter larger than 50 mm (2 in.) shall be constructed of the same materials approved for water mains of similar sizes.

Small tubing-size service lines shall have plastic or brass fittings using compression type connections with compressive force applied on the outside surface of the tubing. However, stainless steel or brass inserts may be utilized for bigger sizes.

Plastic fittings shall be injection-molded, compression type and suitable for use with Polybutylene (PB) or Polyethylene (PE) tubings conforming in dimensions and tolerances to ISO 161/I and ISO 3607, respectively.

Plastic service connection fittings shall be molded from Acrylonitrile-Butadiene-Styrene (ABS), Polypropylene (PP), Polyvinyl Chloride (PVC), Polyethylene (PE) or other suitable materials. The compounds used in the manufacture of plastic fittings shall be virgin and shall be made from non-toxic materials and shall be certified as suitable for potable water by the Food and Drugs Administration (FDA) or any accredited testing laboratories.

All plastic fittings shall meet the requirements of the National Testing Laboratories for Potable Water and shall be designed to hold a working pressure of 1.1 MPa and resist a minimum pull-out force of 20 kg.

Brass service connection fittings shall be manufactured according to AWWA Standard C-800 "Threads for Underground Service Line Fittings".

The fittings shall be clearly and neatly finished and free from burrs or other defects likely to damage or score the pipe, and the bore shall be free from irregularities, which restrict the free flow of fluid. The internal and external surfaces of fittings shall be clean and free from grooves, pinholes, or other defects likely to affect the performance and service of the system.

The fittings shall be designated by the sizes of the connecting pipes/tubings.

Where saddles are required, as shown on the Drawings, they shall conform with the provisions of Clause 1.6.

Welded outlets on steel pipe shall be insulated from brass fittings with nylon bushings approved by the Engineer.

1.6 SERVICE SADDLE

a. Materials

Where saddles are required as shown on the Drawings, they shall be constructed of one or a combination of the following materials and complying with the requirements as hereunder indicated.

1. Brass
Leaded red brass, copper alloy with commercial designation 85-5-5-5 in accordance with ASTM B584, UNS No. 83000.
2. Bronze
Silicon bronze in accordance with ASTM B584, UNS No. 87200.
3. Ductile Iron
Grade 60-40-18 in accordance with ASTM A536.

4. Cast Iron
Gray iron in accordance with ASTM A48, Class 30.
5. Plastics
Acrylonitrile-Butadiene-Styrene (ABS), Polypropylene (PP), Polyvinyl Chloride (PVC), Polyethylene (PE) or other suitable materials.

All the materials used in the manufacture of clamps shall meet the requirements of applicable ASTM, AWWA, ISO or other internationally accepted standard specifications.

b. Manufacture

Service saddles shall be supplied either with:

1. Clamp or single strap of at least 50 mm (2 in.) wide, bolted on each side, or bolted one side and hinged on the other side. Bolts and nuts shall be 18-8 stainless steel, brass or bronze as specified above.
2. Double or single strap, as shown on the Drawings, each with a width not less than 20 mm (3/4 in.).
3. Straps or clamps shall be made of any of the materials listed above or of 18-8 stainless steel.

All parts of the service saddle including the clamp or strap shall comply with the following minimum thickness requirements:

<u>Pipe Nominal Diameter</u>	<u>Thickness</u>
50 mm	8 mm
100 mm	8 mm
150 mm	10 mm
200 mm	12 mm
250 mm	15 mm
300 mm	15 mm

Saddles shall be shaped to the various outside pipe diameter to which they are to be fitted and shall be provided with an approved resilient neoprene rubber gasket with a minimum bearing width of 12 mm (1/2 in.).

The tapping thread shall be at least 30 mm deep and drilled in accordance with iron pipe (I.P.) thread dimensions.

4. Shop drawings for plastic service saddle shall be first submitted for approval prior to manufacture.

1.7 MECHANICAL-TYPE COUPLINGS

Mechanical-type couplings shall be designed for a water working pressure not less than the design pressure of the pipe on which they are to be installed, and shall be equipped with Grade H rubber gaskets. Couplings shall be Gustin-Bacon or Victaulic Style 44

when pipe ends are banded, and Gustin-Bacon or Victaulic Style 77 when pipe ends are grooved.

1.8 SLEEVE-TYPE COUPLINGS

Sleeve-type couplings shall be provided where shown and shall be Smith-Blair, Style 411 or Style 412, equivalent styles manufactured by Dresser, or approved substitute. Couplings shall be of steel with steel bolts, without pipe stop, and shall be of sizes to fit the pipe and fitting shown. The middle ring shall be not less than 6 mm (1/4 in.) in thickness and shall be 125 to 175 mm (5 in. to 7 in.) long for standard steel couplings, and 400 mm (16 in.) long for long-sleeved couplings. Bolts for exposed coupling shall be hot-dip galvanized.

1.9 GASKETS AND BOLTS

- a. Except as otherwise provided, gaskets for flanged joints shall be 1.5 mm (1/16 in.) thick laminated asbestos fiber.
- b. Wherever blind flanges are shown, the gaskets shall consist of 3 mm (1/8 in.) thick cloth-inserted rubber sheet, which shall be cemented to the surface of the blind flange.

1.10 PRESSURE GAGES

Pressure gages shall have 89 mm (3-1/2 in.) dials, 6 mm (1/4 in.) threaded connections and shut-off cocks. Gages shall be calibrated to read 1.0 MPa (150 psi), unless otherwise shown on the Drawings. The pressure element of the gage shall be protected against excessive pulsations and surges by an external pressure snubber.

2.0 VALVES

2.1 GENERAL

- a. The Contractor shall furnish all valves as specified herein. All valves shall be new and of current manufacture.
- b. Flanged valves may be plain faced with serrated gasket surface or raised. Flanges of valves for water working pressure of 1.2 MPa (175 psi) or less shall be faced and drilled to 125-lb American Standard dimensions; flanges of valves for water working pressures greater than 1.2 MPa (175 psi) shall be faced and drilled to 250-lb American Standard dimensions.
- c. Each valve body shall be tested under a test pressure equal to twice its design water working pressure.
- d. All valves shall be provided with an exterior protective coating.
- e. Operating nut shall turn counter-clockwise to open.

- f. Shop drawings for all valves shall be furnished in accordance with Clause 4.0 of the Technical Specifications

2.2 GATE VALVES

- a. Valves

This Clause applies to gate valves 50 mm (2 in.) through 300 mm (12 in.) in size. All valves shall conform with the "Standard for Resilient Seated Gate Valves" (AWWA C509). Gate valves where the pipeline design pressure is 1.0 MPa (150 psi) or less shall be designed for a minimum water working pressure of 1.0 MPa (150 psi) and shall be cast iron bodied, with resilient seats applied to the body or gate. Discs shall be cast iron with bronze disc rings, and the seat ring shall be bronze and replaceable. The valve shall be non-rising stem with a minimum of two "O" ring seals (at least one above the stem collar), or rising stem when shown on the Drawings. The valves shall have a 50 mm (2 in.) square operating nut with a cast arrow showing direction in which the nut is to be turned to open the valve. Valves shall be constructed to permit the replacement of the "O" rings above the stem collar under full working water pressure with the valves in the full open position.

- b. Testing Requirements

1. Operation Test

Each valve shall be operated in the position for which it was designed to ensure free and perfect functioning of all parts in the intended manner. Any defects of workmanship shall be corrected and the test repeated until satisfactory performance is demonstrated.

2. Shell Test

A hydrostatic test pressure equal to twice the rated working pressure of the valve shall be applied to the body with the gate in the open position. The test shall show no leakage through the metal, flanged joints, or stem seals.

3. Seal Test

A test shall be made at rated working pressure to prove the sealing ability of each valve from both directions of flow. The test shall show no leakage through the metal, pressure-containing joints, or past the seat.

4. Hydrostatic Test

One prototype valve of each size and class of a manufacturer's design shall be hydrostatically tested with twice the specified rated pressure applied to one side of the gate and zero pressure on the other side. The test is to be made in each direction across the gate. Under this hydrostatic test, the manufacturer may make special provisions to prevent leakage past the seats. No part of the valve or gate shall be permanently deformed by the test.

5. Torque Test

A prototype of each size should be overtorqued in the closed and open positions to demonstrate no distortion of the valve stem or damage to the resilient seat as evidenced by failure to seal at rated pressure. The applied torque shall be 250 ft-lb for 3 and 4 NRS valves, and 350 ft-lb for 6, 8, 10, and 12 NRS valves (1.0 ft-lb = 0.736 Newton-metre = 0.66 kg-m).

6. Leakage Test

Two prototype valves of each size chosen by the LWUA quality control inspector to represent the extremes of seat compression shall be fully opened and closed to a seal for 500 complete cycles with sufficient flow that the valve is at 200 psi pressure differential at the point of opening and closing. The valves shall be droptight under rated pressure differential applied alternately to each side of the gate after completion of the tests.

7. Pressure Test

One prototype of each valve size shall be tested to 500 psi with the closure member in the open position. There shall be no rupture or cracking of the valve body, valve bonnet, or seal plate. Leakage at pressure-containing joints shall not be a cause for failure of the test.

2.2 CHECK VALVES

Check valves 100 mm (4 in.) and larger shall have flanged connections and be of the swing type with outside lever and weight. The valves shall be designed for a minimum water working pressure of 1.0 MPa (150 psi), and shall have 125-lb American Standard Flanges. Valve bodies shall be cast iron or steel. The valves shall have bronze gate rings and seat rings and type 18-8 stainless steel hinge pins. The check valves shall be designed so that disc and body seat may be easily removed without removing valve from the line.

2.3 AIR RELEASE VALVES

Air release valves up to and including 75 mm (3 in.) in diameter shall have threaded connections, except where otherwise shown on the drawings, and shall be designed for a water working pressure of 1.0 MPa (150 psi). The body shall be of high strength cast iron and the float shall be of stainless steel. All internal parts, except the seat, shall be of stainless steel or bronze. The seat shall be of material insuring water tightness with a minimum of maintenance. The valve shall be designed to automatically permit the escape of accumulated air under pressure while the pipe is in operation. The valves shall be either direct or lever operating.

2.4 MISCELLANEOUS SMALL VALVES

Valves 50 mm (2 in.) and smaller, unless otherwise shown, shall be all bronze or brass with threaded connections designed for a water working pressure not less than 1.0 MPa

(150 psi). Material specifications for brass valves shall have a commercial designation of 85-5-5-5 in accordance with ASTM B584, UNS No. 83000.

Valves for service connections shall be ball valve type with lockwing.

3.0 FITTINGS

3.1 FLANGES

Standard flanged cast iron pipe fittings shall conform with the requirements of the "American Standard for Cast-Iron Pipe Flanges and Flanged Fittings" (ANSI B16.1), Class 125.

3.2 SHORT BODY CAST IRON FITTINGS

Short body cast iron fittings shall conform with the requirements of the "American Standard for Cast-Iron and Ductile Iron Fittings, 2 in. through 48 in., for Water and Other Liquids" (AWWA C-110) or "Cast Iron Pipes, Special Castings and Cast Iron Parts for Pressure Main Lines", ISO R13. Fittings shall have a wall thickness of not less than that of the pipe with which they are used and the ends shall have inside diameters suitable for making a watertight joint with the cast iron pipe furnished.

4.0 SHOP DRAWINGS AND CATALOG DATA

When required, the Contractor shall submit for approval seven (7) copies of the shop drawings of materials and equipment it intends to supply, as indicated in the drawings and specifications.

Shop drawings shall provide sufficient information to evaluate the suitability and compliance of the proposed equipment and control components with the plans and specifications.

Catalog data shall also be submitted to supplement the shop drawings. Catalog cuts, bulletins, brochures or the like, or photocopies of applicable pages thereof shall be submitted where drawings for certain items are not required to be submitted.

5.0 CONSTRUCTION MATERIALS

5.1 CEMENT

Except as may be otherwise provided in these specifications, cement shall conform with the "Standard Specifications for Portland Cement" (ASTM C-150-Latest Revision) and shall be Type I. The cement shall be of one brand and shall not be more than three (3) months from date of manufacture.

5.2 CONCRETE-AGGREGATES

Concrete aggregates shall be well-graded, clean, hard particles of gravel or crushed rock conforming with the "Standard Specifications" for Concrete Aggregates" (ASTM C-33 Latest Revision).

5.3 REINFORCING STEEL

All reinforcing steel bars used shall be of deformed type conforming with the specifications for the deformed and plain billet steel bars for concrete reinforcement (ASTM A615M) , new, free from rust, oil, defects, greases, or kinks. They shall conform with the latest edition of National Structural Code of the Philippines with a minimum grade equal to 275 MPa unless otherwise shown on the plans.

MATERIALS SPECIFICATIONS

1. AIR RELEASE VALVES

Type: D-040 Combination Air
 Size: 25mmØ and 50mmØ

2. PIPES w/ RUBBER GASKET

Application: Potable Water (Pressure Pipes)
 Type: Unplasticized Polyvinyl Chloride (uPVC) Series-8
 Class: Class150 PNS65
 Color: Blue
 Jointing Method: Rubber Ring Gasket (Push-on Type)

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (mm)	THICKNESS (mm)		EFFECTIVE LENGTH
		Min	Max	
50mm	63	3.6	4.16	6 meters
75mm	90	5.2	5.92	6 meters
100mm	110	6.3	7.13	6 meters
150mm	160	9.2	10.32	6 meters
200mm	225	12.9	14.39	6 meters
250mm	280	16.0	17.39	6 meters
300mm	315	18.0	20.00	6 meters

3. SLEEVE TYPE COUPLINGS

Body Type: Cast Iron (CI)

NOMINAL SIZE (mm)	STUD BOLT REQUIREMENTS	
	HOLES	BOLT SIZE
50mm	4	13mm × 230mm
75mm	4	13mm × 230mm
100mm	4	13mm × 280mm
150mm	6	19mm × 330mm
200mm	6	19mm × 330 mm

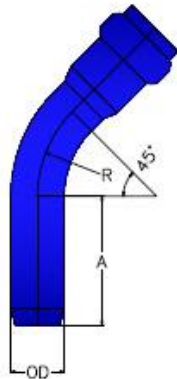
4. GATE VALVES

Body Type: Cast Iron (CI)
 Valve Type: Metal Sheeted – Non Rising Steam (MS-NRS)
 Sizes: 50mm, 75mm, 100mm, 150mm, 200mm

5. SADDLE CLAMPS

Body Type: Cast Iron (CI)
 Sizes: 50mm, 75mm, 100mm, 150mm, 200mm

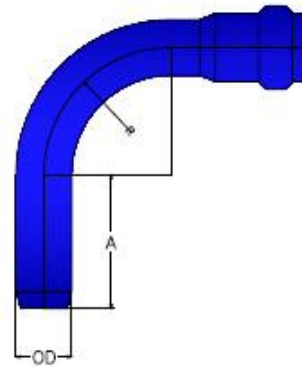
6. PVC BENDS



ALL DIMENSION ARE IN MILLIMETER UNITS

NOMINAL SIZE		OUTSIDE DIAMETER O.D	45 DEGREES		
MM	IN.		R	A	TOTAL LENGTH
50	2	63	230	150	491
75	3	90	250	200	597
100	4	110	290	220	668
150	6	160	480	225	887
200	8	225	750	310	1209

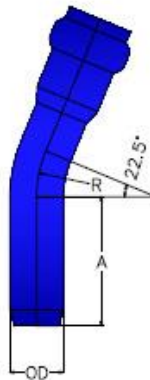
uPVC Elbow BE/PE 45°



ALL DIMENSION ARE IN MILLIMETER UNITS

NOMINAL SIZE		OUTSIDE DIAMETER O.D	90 DEGREES		
MM	IN.		R	A	TOTAL LENGTH
50	2	63	230	150	671
75	3	90	250	200	793
100	4	110	290	220	895
150	6	160	480	225	1264
200	8	225	750	310	1797

uPVC Elbow BE/PE 90°



ALL DIMENSION ARE IN MILLIMETER UNITS

NOMINAL SIZE		OUTSIDE DIAMETER O.D	22.5 DEGREES		
MM	IN.		R	A	TOTAL LENGTH
50	2	63	230	150	401
75	3	90	250	200	498
100	4	110	290	220	554
150	6	160	480	225	669
200	8	225	750	310	914

uPVC Elbow BE/PE 22.5°

STATEMENT OF COMPLIANCE

Bidders must state in the following form either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of **ITB** Clause 3.1(a)(ii) and/or **GCC** Clause 2.1(a)(ii)

ITEM	SPECIFICATION	COMPLIANCE
A- CONSTRUCTION MATERIALS		
1	Acetylene Refill	
2	Adapter 13mmØ PE-GI	
3	Anchor Bolt 5/8" x 12" HDG (Grade 55)	
4	Automatic Emergency Lights	
5	B.I (Black iron) Pipe 50mmx1.0mm x6m	
6	Ball Valve w/ Lockwings 13mmØ	
7	Bar 8mmØ × 6.0m Deformed	
8	Bar 10mmØ × 6.0m Deformed	
9	Bar 10mmØ × 6.0m Plain	
10	Bar 12mmØ × 6.0m Deformed	
11	Bar 12mmØ × 6.0m Plain	
12	Bar 16mmØ × 6.0m Deformed	
13	Bar 20mmØ × 6.0m Deformed	
14	Bar 25mmØ × 6.0m Deformed	
15	Base Plate 2" x 2" x 50mm	
16	Base Plate 50mm thick (2.4mx1.2m)	
17	Baseplate 1/2" x 250mm x 250mm	
18	Blade Hacksaw	
19	Bolt Machine 24mmØ × 75mm w/ Nut & Washer	
20	Bolt Machine 27mmØ x 60mm w/ Nut & Washer	
21	Bolt w/ Nut and Washer (FT) 12mm x 150mm	
22	Boulders (size: 4" - 6")	

 (Printed Name and Signature)
 Bidder’s Authorized Representative

 Date

ITEM	SPECIFICATION	COMPLIANCE
23	Bulb Receptacle	
24	Bushing 13mmØ x 9mmØ	
25	Bushing 25mmØ x 13mmØ G.I.	
26	Bushing 50mmØ x 25mmØ G.I.	
27	Cement Portland @ 40kg/bag	
28	Chain Block (2-tons Capacity)	
29	Channel Bar 2" x 3" x 5mm thk @ 6.0m Length	
30	CHB 4" x 8" x 16"	
31	Chekered Steel Plate 1.0m x 2.0m x 8mm (cut to size)	
32	Pipe 150mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	
33	Pipe 200mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	
34	Pipe 250mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	
35	Pipe 300mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	
36	Pipe GI 24" x 6.0m Sch.40	
37	Reducer 150mm x 100mm MJ/MJ	
38	Reducer 200mm x 150mm MJ/MJ	
39	Reducer 300mm x 200mm MJ/MJ	
40	Sleeve Type Coupling 100mmØ MJ/MJ (For Steel Pipe & Machineable)	
41	Sleeve Type Coupling 150mmØ MJ/MJ (For Steel Pipe & Machineable)	
42	Sleeve Type Coupling 200mmØ MJ/MJ (For Steel Pipe & Machineable)	
43	Sleeve Type Coupling 250mmØ MJ/MJ (For Steel Pipe & Machineable)	
44	Steel Pipe 250mmØ (O.D.=273.05mm; Wall Thickness=9.271 mm; Wt.= 60.2676 kg/m)- Type 304 Schedule 40S	
45	Tee 100mm x 100mm MJ/MJ	
46	Tee 150mm x 150mm MJ/MJ	
47	Tee 200mm x 200mm MJ/MJ	
48	Tee 200mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)	
49	Tee 250mm x 250mm MJ/MJ	
50	Tee 250mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)	
51	Elbow 13mmØ St. G.I.	
52	Elbow 25mmØ St.	
53	Elbow 25mmØ x 13mmØ reducer G.I.	
54	Elbow 3" x 45° Sanitary	
55	Elbow 4" x 45° Sanitary	
56	Elbow 4" x 90° Sanitary	
57	Elbow Reducer 25mmØ x 13mmØ G.I.	
58	Electrical Tape (Big)	
59	Empty Sack (cement size: 25 kg-laminated)	
60	Epoxy, dispenser	

 (Printed Name and Signature)
 Bidder's Authorized Representative

 Date

ITEM	SPECIFICATION	COMPLIANCE
61	Epoxy, Pure Epoxy-(Raw plug bonded anchor R-KEX II, 600M w/ Hardener)	
62	Expansion Bolt 24mmØ × 150mm	
63	Faucet (Stainless Steel)	
64	Flat Bar 50mm x 6m x 6mm thick	
65	Flexible Hose 3/4"	
66	Fuel Allocation for Equipment (Diesel)	
67	Fuel for Heavy Equipment	
68	Gabions Metallic Coated, 1.0m × 1.0m × 2.0m	
69	Glass Mirror 1.50m x 1.50m	
70	Good Lumber 1" x 6" x 10'	
71	Good Lumber 2" × 2" × 12'	
72	Good Lumber 2" × 3" × 12'	
73	Good Lumber 2" × 4" × 12'	
74	Good Lumber 2" x 2" x 10'	
75	Good Lumber 2" x 2" x 12'	
76	Good Lumber 2" x 3" x 12'	
77	Good Lumber 1" x 6" x 10'	
78	Good Lumber 2" × 2" × 12'	
79	Good Lumber 2" × 3" × 12'	
80	Good Lumber 2" x 2" x 10'	
81	Gravel, Washed	
82	Gusset Plate (Steel Plate)-8mm x 2.5m x 1.2m	
83	Headed Anchor Bolt with nuts and flat washer (25mm x1.0m)	
84	Heavy Duty Portable Chargeable Drilling Machine w/ 1 set drill bit 16mm and below	
85	H-Frame 1.2mx1.7m (Set: 2-H Frame; 2 Cross braces, 4 joints)	
86	High Strength Friction Boltsw/ nuts & washer (16mm)	
87	High Strength Friction Boltsw/ nuts & washer (20mm)	
88	Hollo Bolt Flush (lenthg 2 " 5mm dia.)	
89	Industrial Ceiling Fan 42" with Wall Control	
90	Item 200 Filling Material	
91	Junction Box	
92	Laminated Sack	
93	Lavatory w/ Drain and Faucet Accessory	
94	LED Light Bulb 9W	
95	Life Buoy with Refelctive Ring	
96	Life Jacket/Vest	
97	Limestone	
98	Mesh Wire (5.0mm hole size & 1.2mm thk wire)	
99	Monoblock Chairs	
100	Mudguard 1m x 1m x 5mm thick	

(Printed Name and Signature)
Bidder's Authorized Representative

Date

ITEM	SPECIFICATION	COMPLIANCE
101	Nails 1" CW	
102	Nails 2 1/2" CW	
103	Nails 3" CW	
104	Nails 4" CW	
105	Nipple 50mmØ × 1.50m sch. 40	
106	Nylon Rope 1" x 100 meters	
107	Office Table with Drawers	
108	Oxygen Refill Tank	
109	Paint Brush 3"	
110	Paint Brush 4"	
111	Paint Roller 6" w/ Pan	
112	Paint Roller 8" w/ Pan	
113	Paint Enamel Flat Wall Quick Dry (Gloss Exotic Sea @ 16 liters per pail)	
114	Paint Enamel for Metal- Gray	
115	Paint Gloss (Black)	
116	Paint Latex Flat (Yellow)	
117	Paint Latex Flat White	
118	Paint Metal Primer	
119	Paint Primer	
120	Paint Red Oxide (Metal Primer)	
121	Paint Thinner	
122	Paint, Flat Latex, Blue	
123	Paint, Flat Latex, White	
124	Panel Board	
125	Pipe 13mmØ x .60 m (TBE) S-40	
126	Pipe 3" × 3.0m Sanitary	
127	Pipe 4" × 3.0m Sanitary	
128	Pipe G.I. 50mmØ S-40	
129	Pipe Nipple 13mmØ x 0.15m TBE G.I.	
130	Pipe Nipple 13mmØ x 0.6m TBE G.I.	
131	Pipe Nipple 50mmØ x 0.10m TBE	
132	Pipe Nipple 50mmØ x 0.30m TBE	
133	Pipe Nipple 50mmØ x 1.20m TOE	
134	Pipe P.E. 13mmØ SDR-9	
135	Plastic Twine (Black)	
136	Plug 3" Sanitary	
137	Plug 4" Sanitary	
138	Plywood 1/4" × 1.20m × 2.40m	
139	Plywood 1/4" × 4' × 8'	
140	Plywood 1/4" × 4' × 8' Ordinary	
141	PPGI Sheet GA26 × 8' (Blue - Rib Type)	
142	Pressure Gauge (200psi)	
143	P-Trap 3"	

 (Printed Name and Signature)
 Bidder's Authorized Representative

 Date

ITEM	SPECIFICATION	COMPLIANCE
144	P-Trap 4"	
145	Putty Solvent	
146	PVC Door with complete lockset, jamb and door hinges	
147	Reflectorized Enamel Paint (Yellow)	
148	Reflectorized Vest	
149	Ridge cap	
150	Roof GA26, PPGI Sheet, Currogated 8'	
151	Rubber Boots	
152	Rubber Construction Pail/Bucket	
153	Safety Gloves	
154	Sand and Gravel Mixed	
155	Sand Fine, Washed	
156	Sand Paper #120	
157	Sealant	
158	Sealant (Small Only)	
159	Solar Panel 100W 12V Monocrystalline complete with Controller, Batteries, Connecting Cable, and Inverter	
160	Solar Power Motion Sensor LED Light (Roof Deck Fence)	
161	Solid Wood Panel Door w/ complete key-in-knob lockset, double cylinder deadbolts, jamb and door hinges	
162	Stainless Steel Floor Drain 100mm x 100mm	
163	Steel Angle Bar 3mm x 25mm x 25mm x 6m	
164	Steel Brace Angle Bar 60mmx60mmx6mm	
165	Steel Deck W995 1.0mm THK	
166	Steel Flat Bar 8mm thk x 50mm x 6.0m	
167	Steel I - Beam (W6 x 16 x 6.0m)	
168	Steel I-Beam W8 x 6.5 x 28#	
169	Steel I-Beam, W6 x 22	
170	Steel Plate 8mm x 0.15m x 0.30m	
171	Steel Plate 8mm x 1.20m x 2.40m	
172	Steel, Channel Bar 150mm x 50mm x 3mm thk x 6.0m	
173	Stud Bolt 10mmØ x 3" (Full Thread)	
174	Switch 1 gang	
175	Switch 2 gang	
176	Switch 3 gang	
177	Switch 4 gang	
178	Tackle Pulley for Rope (1")	
179	Tape Plumbing (25mmØ)	
180	Tee 13mmØ G.I.	
181	Tee 50mmØ G.I.	
182	Tekscrew #12 for Steel 2"	
183	THHN Stranded #12 Wire 150m/ Box	

 (Printed Name and Signature)
 Bidder's Authorized Representative

 Date

ITEM	SPECIFICATION	COMPLIANCE
184	THHN Stranded #14 Wire 150m/ Box	
185	Tie Wire #16	
186	Tile Adhesive	
187	Tile Glazed 60cm x 60cm, Cream	
188	Tile Grout, Cream	
189	Toks Screw w/ Rubber (2")	
190	Turnbuckle 12mm	
191	Utility Box	
192	Valve Ball w/ Lockwings 13mmØ	
193	Valve Ball w/ Lockwings 50mmØ	
194	Warning Tape 50mm (250m/roll)	
195	Water Closet w/ Bidet Complete w/ Fittings	
196	Water Proofing Compound	
197	Welding Rod Special @ 10kg/box	
198	White Board 4' x 8'	
199	Wye 4" x 3" PVC	
200	Wye 4" x 4" PVC	
ITEM	SPECIFICATION	COMPLIANCE
B- PIPES AND FITTINGS MATERIALS		
1	Adapter 150mmØ MJ/F	
2	Adapter 250mm MJ/F	
3	Adapter 250mmØ MJ/F (For Steel Pipe & Machineable)	
4	ARV 50mmØ D-10 (Combination Air)	
5	Clamp 200mm x 50mm Saddle	
6	Clamp 200mmØ x 19mmØ Saddle CI	
7	Clamp Saddle 250mmØ x 19mmØ (For Steel Pipe)	
8	Clamp Saddle 250mmØ x 50mmØ (For Steel Pipe)	
9	Coupling 100mm Sleeve Type MJ/MJ	
10	Coupling 150mm Sleeve Type MJ/MJ	
11	Coupling 200mm Sleeve Type MJ/MJ	
12	Coupling 250mm Sleeve Type MJ/MJ	
13	Coupling 300mm Sleeve Type MJ/MJ	
14	Elbow 100mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)	
15	Elbow 100mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)	
16	Elbow 100mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)	
17	Elbow 150mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)	
18	Elbow 150mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)	

 (Printed Name and Signature)
 Bidder's Authorized Representative

 Date

ITEM	SPECIFICATION	COMPLIANCE
19	Elbow 150mmØ x 90deg MJ/MJ	
20	Elbow 150mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)	
21	Elbow 200mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)	
22	Elbow 200mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)	
23	Elbow 200mmØ x 90deg MJ/MJ	
24	Elbow 200mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)	
25	Elbow 250mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)	
26	Elbow 250mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)	
27	Elbow 250mmØ x 90deg MJ/MJ	
28	Elbow 250mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)	
29	End Cap 200mmØ MJ/MJ	
30	Fabricated Flanged Spool w/ Strainer 250mmØ	
31	Pipe 100mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	
32	Pipe 150mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	
33	Pipe 200mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	
34	Pipe 250mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	
35	Pipe 300mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)	
36	Pipe GI 24" × 6.0m Sch.40	
37	Reducer 150mm × 100mm MJ/MJ	
38	Reducer 200mm × 150mm MJ/MJ	
39	Reducer 300mm × 200mm MJ/MJ	
40	Sleeve Type Coupling 100mmØ MJ/MJ (For Steel Pipe & Machineable)	
41	Sleeve Type Coupling 150mmØ MJ/MJ (For Steel Pipe & Machineable)	
42	Sleeve Type Coupling 200mmØ MJ/MJ (For Steel Pipe & Machineable)	
43	Sleeve Type Coupling 250mmØ MJ/MJ (For Steel Pipe & Machineable)	
44	Steel Pipe 250mmØ (O.D.=273.05mm; Wall Thickness=9.271 mm; Wt.= 60.2676 kg/m)- Type 304 Schedule 40S	
45	Tee 100mm × 100mm MJ/MJ	
46	Tee 150mm × 150mm MJ/MJ	

(Printed Name and Signature)
Bidder's Authorized Representative

Date

ITEM	SPECIFICATION	COMPLIANCE
47	Tee 200mm × 200mm MJ/MJ	
48	Tee 200mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)	
49	Tee 250mm × 250mm MJ/MJ	
50	Tee 250mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)	
51	Tee 300mm × 300mm MJ/MJ	
52	Valve 10" Butterfly	
53	Valve 100mmØ Gate MJ/MJ (MS-NRS)	
54	Valve 150mmØ Gate F/F	
55	Valve 150mmØ Gate MJ/MJ (MS-NRS)	
56	Valve 200mmØ Gate MJ/MJ (MS-NRS)	
57	Valve 250mmØ Gate MJ/F	
58	Valve 250mmØ Gate MJ/MJ (MS-NRS)	
59	Valve 300mmØ Gate MJ/MJ (MS-NRS)	
60	Valve Gate 250mmØ F/F (For Steel Pipe & Machineable)	
61	Valve Gate 250mmØ MJ/MJ (For Steel Pipe & Machineable)	

Note: All uPVC Pipes should have Rubber Gaskets (not built-in).

 (Printed Name and Signature)
 Bidder's Authorized Representative

 Date

Section VIII. Bill of Quantities

Bill of Quantities

PART I. MATERIALS COMPONENT - The bidder shall complete the following forms by inserting the quantity and price amounts (in figures) for each in the space provided. The amount shall represent the true breakdown of the lump sum bid price indicated below.

A. CONSTRUCTION MATERIALS

No.	Description	QTY	UNIT	UNIT BID PRICE (Php)	TOTAL BID PRICE (Php)
1	Acetylene Refill				
2	Adapter 13mmØ PE-GI				
3	Anchor Bolt 5/8" x 12" HDG (Grade 55)				
4	Automatic Emergency Lights				
5	B.I (Black iron) Pipe 50mmx1.0mm x6m				
6	Ball Valve w/ Lockwings 13mmØ				
7	Bar 8mmØ × 6.0m Deformed				
8	Bar 10mmØ × 6.0m Deformed				
9	Bar 10mmØ × 6.0m Plain				
10	Bar 12mmØ × 6.0m Deformed				
11	Bar 12mmØ × 6.0m Plain				
12	Bar 16mmØ × 6.0m Deformed				
13	Bar 20mmØ × 6.0m Deformed				
14	Bar 25mmØ × 6.0m Deformed				
15	Base Plate 2" x 2" x 50mm				
16	Base Plate 50mm thick (2.4mx1.2m)				
17	Baseplate 1/2" x 250mm x 250mm				
18	Blade Hacksaw				
19	Bolt Machine 24mmØ × 75mm w/ Nut & Washer				
20	Bolt Machine 27mmØ x 60mm w/ Nut & Washer				
21	Bolt w/ Nut and Washer (FT) 12mm x 150mm				
22	Boulders (size: 4" - 6")				
23	Bulb Receptacle				
24	Bushing 13mmØ x 9mmØ				
25	Bushing 25mmØ x 13mmØ G.I.				
26	Bushing 50mmØ x 25mmØ G.I.				
27	Cement Portland @ 40kg/bag				
28	Chain Block (2-tons Capacity)				
29	Channel Bar 2" × 3" × 5mm thk @ 6.0m Length				
30	CHB 4" x 8" x 16"				
31	Chekered Steel Plate 1.0m x 2.0m x 8mm (cut to size)				
32	Pipe 150mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)				

33	Pipe 200mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)				
34	Pipe 250mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)				
35	Pipe 300mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)				
36	Pipe GI 24" x 6.0m Sch.40				
37	Reducer 150mm x 100mm MJ/MJ				
38	Reducer 200mm x 150mm MJ/MJ				
39	Reducer 300mm x 200mm MJ/MJ				
40	Sleeve Type Coupling 100mmØ MJ/MJ (For Steel Pipe & Machineable)				
41	Sleeve Type Coupling 150mmØ MJ/MJ (For Steel Pipe & Machineable)				
42	Sleeve Type Coupling 200mmØ MJ/MJ (For Steel Pipe & Machineable)				
43	Sleeve Type Coupling 250mmØ MJ/MJ (For Steel Pipe & Machineable)				
44	Steel Pipe 250mmØ (O.D.=273.05mm; Wall Thickness=9.271 mm; Wt.= 60.2676 kg/m)- Type 304 Schedule 40S				
45	Tee 100mm x 100mm MJ/MJ				
46	Tee 150mm x 150mm MJ/MJ				
47	Tee 200mm x 200mm MJ/MJ				
48	Tee 200mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)				
49	Tee 250mm x 250mm MJ/MJ				
50	Tee 250mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)				
51	Elbow 13mmØ St. G.I.				
52	Elbow 25mmØ St.				
53	Elbow 25mmØ x 13mmØ reducer G.I.				
54	Elbow 3" x 45° Sanitary				
55	Elbow 4" x 45° Sanitary				
56	Elbow 4" x 90° Sanitary				
57	Elbow Reducer 25mmØ x 13mmØ G.I.				
58	Electrical Tape (Big)				
59	Empty Sack (cement size: 25 kg-laminated)				
60	Epoxy, dispenser				
61	Epoxy, Pure Epoxy-(Raw plug bonded anchor R-KEX II, 600M w/ Hardener)				
62	Expansion Bolt 24mmØ x 150mm				
63	Faucet (Stainless Steel)				
64	Flat Bar 50mm x 6m x 6mm thick				
65	Flexible Hose 3/4"				
66	Fuel Allocation for Equipment (Diesel)				
67	Fuel for Heavy Equipment				
68	Gabions Metallic Coated, 1.0m x 1.0m x 2.0m				

69	Glass Mirror 1.50m x 1.50m				
70	Good Lumber 1" x 6" x 10'				
71	Good Lumber 2" x 2" x 12'				
72	Good Lumber 2" x 3" x 12'				
73	Good Lumber 2" x 4" x 12'				
74	Good Lumber 2" x 2" x 10'				
75	Good Lumber 2" x 2" x 12'				
76	Good Lumber 2" x 3" x 12'				
77	Good Lumber 1" x 6" x 10'				
78	Good Lumber 2" x 2" x 12'				
79	Good Lumber 2" x 3" x 12'				
80	Good Lumber 2" x 2" x 10'				
81	Gravel, Washed				
82	Gusset Plate (Steel Plate)-8mm x 2.5m x 1.2m				
83	Headed Anchor Bolt with nuts and flat washer (25mm x1.0m)				
84	Heavy Duty Portable Chargeable Drilling Machine w/ 1 set drill bit 16mm and below				
85	H-Frame 1.2mx1.7m (Set: 2-H Frame; 2 Cross braces, 4 joints)				
86	High Strength Friction Boltsw/ nuts & washer (16mm)				
87	High Strength Friction Boltsw/ nuts & washer (20mm)				
88	Hollo Bolt Flush (lenthg 2 " 5mm dia.)				
89	Industrial Ceiling Fan 42" with Wall Control				
90	Item 200 Filling Material				
91	Junction Box				
92	Laminated Sack				
93	Lavatory w/ Drain and Faucet Accessory				
94	LED Light Bulb 9W				
95	Life Buoy with Refelctive Ring				
96	Life Jacket/Vest				
97	Limestone				
98	Mesh Wire (5.0mm hole size & 1.2mm thk wire)				
99	Monoblock Chairs				
100	Mudguard 1m x 1m x 5mm thick				
101	Nails 1" CW				
102	Nails 2 1/2" CW				
103	Nails 3" CW				
104	Nails 4" CW				
105	Nipple 50mmØ x 1.50m sch. 40				
106	Nylon Rope 1" x 100 meters				
107	Office Table with Drawers				
108	Oxygen Refill Tank				

109	Paint Brush 3"				
110	Paint Brush 4"				
111	Paint Roller 6" w/ Pan				
112	Paint Roller 8" w/ Pan				
113	Paint Enamel Flat Wall Quick Dry (Gloss Exotic Sea @ 16 liters per pail)				
114	Paint Enamel for Metal- Gray				
115	Paint Gloss (Black)				
116	Paint Latex Flat (Yellow)				
117	Paint Latex Flat White				
118	Paint Metal Primer				
119	Paint Primer				
120	Paint Red Oxide (Metal Primer)				
121	Paint Thinner				
122	Paint, Flat Latex, Blue				
123	Paint, Flat Latex, White				
124	Panel Board				
125	Pipe 13mmØ x .60 m (TBE) S-40				
126	Pipe 3" x 3.0m Sanitary				
127	Pipe 4" x 3.0m Sanitary				
128	Pipe G.I. 50mmØ S-40				
129	Pipe Nipple 13mmØ x 0.15m TBE G.I.				
130	Pipe Nipple 13mmØ x 0.6m TBE G.I.				
131	Pipe Nipple 50mmØ x 0.10m TBE				
132	Pipe Nipple 50mmØ x 0.30m TBE				
133	Pipe Nipple 50mmØ x 1.20m TOE				
134	Pipe P.E. 13mmØ SDR-9				
135	Plastic Twine (Black)				
136	Plug 3" Sanitary				
137	Plug 4" Sanitary				
138	Plywood 1/4" x 1.20m x 2.40m				
139	Plywood 1/4" x 4' x 8'				
140	Plywood 1/4" x 4' x 8' Ordinary				
141	PPGI Sheet GA26 x 8' (Blue - Rib Type)				
142	Pressure Gauge (200psi)				
143	P-Trap 3"				
144	P-Trap 4"				
145	Putty Solvent				
146	PVC Door with complete lockset, jamb and door hinges				
147	Reflectorized Enamel Paint (Yellow)				
148	Reflectorized Vest				
149	Ridge cap				
150	Roof GA26, PPGI Sheet, Currogated 8'				
151	Rubber Boots				
152	Rubber Construction Pail/Bucket				
153	Safety Gloves				

154	Sand and Gravel Mixed				
155	Sand Fine, Washed				
156	Sand Paper #120				
157	Sealant				
158	Sealant (Small Only)				
159	Solar Panel 100W 12V Monocrystalline complete with Controller, Batteries, Connecting Cable, and Inverter				
160	Solar Power Motion Sensor LED Light (Roof Deck Fence)				
161	Solid Wood Panel Door w/ complete key-in-knob lockset, double cylinder deadbolts, jamb and door hinges				
162	Stainless Steel Floor Drain 100mm x 100mm				
163	Steel Angle Bar 3mm x 25mm x 25mm x 6m				
164	Steel Brace Angle Bar 60mmx60mmx6mm				
165	Steel Deck W995 1.0mm THK				
166	Steel Flat Bar 8mm thk x 50mm x 6.0m				
167	Steel I - Beam (W6 x 16 x 6.0m)				
168	Steel I-Beam W8 x 6.5 x 28#				
169	Steel I-Beam, W6 x 22				
170	Steel Plate 8mm x 0.15m x 0.30m				
171	Steel Plate 8mm x 1.20m x 2.40m				
172	Steel, Channel Bar 150mm x 50mm x 3mm thk x 6.0m				
173	Stud Bolt 10mmØ x 3" (Full Thread)				
174	Switch 1 gang				
175	Switch 2 gang				
176	Switch 3 gang				
177	Switch 4 gang				
178	Tackle Pulley for Rope (1")				
179	Tape Plumbing (25mmØ)				
180	Tee 13mmØ G.I.				
181	Tee 50mmØ G.I.				
182	Tekscrew #12 for Steel 2"				
183	THHN Stranded #12 Wire 150m/ Box				
184	THHN Stranded #14 Wire 150m/ Box				
185	Tie Wire #16				
186	Tile Adhesive				
187	Tile Glazed 60cm x 60cm, Cream				
188	Tile Grout, Cream				
189	Toks Screw w/ Rubber (2")				
190	Turnbuckle 12mm				
191	Utility Box				
192	Valve Ball w/ Lockwings 13mmØ				
193	Valve Ball w/ Lockwings 50mmØ				
194	Warning Tape 50mm (250m/roll)				

195	Water Closet w/ Bidet Complete w/ Fittings				
196	Water Proofing Compound				
197	Welding Rod Special @ 10kg/box				
198	White Board 4' x 8'				
199	Wye 4" × 3" PVC				
200	Wye 4" × 4" PVC				
SUB-TOTAL COST FOR (A)					
<p>PART II. PIPES AND FITTINGS– The bidder shall complete the following forms by inserting the quantity and price amounts (in figures) for each in the space provided. The amount shall represent the true breakdown of the lump sum bid price indicated below.</p>					
B. PIPES AND FITTINGS					
1	Adapter 150mmØ MJ/F				
2	Adapter 250mm MJ/F				
3	Adapter 250mmØ MJ/F (For Steel Pipe & Machineable)				
4	ARV 50mmØ D-10 (Combination Air)				
5	Clamp 200mm × 50mm Saddle				
6	Clamp 200mmØ x 19mmØ Saddle CI				
7	Clamp Saddle 250mmØ x 19mmØ (For Steel Pipe)				
8	Clamp Saddle 250mmØ x 50mmØ (For Steel Pipe)				
9	Coupling 100mm Sleeve Type MJ/MJ				
10	Coupling 150mm Sleeve Type MJ/MJ				
11	Coupling 200mm Sleeve Type MJ/MJ				
12	Coupling 250mm Sleeve Type MJ/MJ				
13	Coupling 300mm Sleeve Type MJ/MJ				
14	Elbow 100mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)				
15	Elbow 100mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)				
16	Elbow 100mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)				
17	Elbow 150mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)				
18	Elbow 150mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)				
19	Elbow 150mmØ x 90deg MJ/MJ				
20	Elbow 150mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)				
21	Elbow 200mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)				
22	Elbow 200mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)				
23	Elbow 200mmØ x 90deg MJ/MJ				
24	Elbow 200mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)				

25	Elbow 250mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)				
26	Elbow 250mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)				
27	Elbow 250mmØ x 90deg MJ/MJ				
28	Elbow 250mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)				
29	End Cap 200mmØ MJ/MJ				
30	Fabricated Flanged Spool w/ Strainer 250mmØ				
31	Pipe 100mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)				
32	Pipe 150mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)				
33	Pipe 200mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)				
34	Pipe 250mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)				
35	Pipe 300mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)				
36	Pipe GI 24" x 6.0m Sch.40				
37	Reducer 150mm x 100mm MJ/MJ				
38	Reducer 200mm x 150mm MJ/MJ				
39	Reducer 300mm x 200mm MJ/MJ				
40	Sleeve Type Coupling 100mmØ MJ/MJ (For Steel Pipe & Machineable)				
41	Sleeve Type Coupling 150mmØ MJ/MJ (For Steel Pipe & Machineable)				
42	Sleeve Type Coupling 200mmØ MJ/MJ (For Steel Pipe & Machineable)				
43	Sleeve Type Coupling 250mmØ MJ/MJ (For Steel Pipe & Machineable)				
44	Steel Pipe 250mmØ (O.D.=273.05mm; Wall Thickness=9.271 mm; Wt.= 60.2676 kg/m)- Type 304 Schedule 40S				
45	Tee 100mm x 100mm MJ/MJ				
46	Tee 150mm x 150mm MJ/MJ				
47	Tee 200mm x 200mm MJ/MJ				
48	Tee 200mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)				
49	Tee 250mm x 250mm MJ/MJ				
50	Tee 250mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)				
51	Tee 300mm x 300mm MJ/MJ				
52	Valve 10" Butterfly				
53	Valve 100mmØ Gate MJ/MJ (MS-NRS)				
54	Valve 150mmØ Gate F/F				
55	Valve 150mmØ Gate MJ/MJ (MS-NRS)				
56	Valve 200mmØ Gate MJ/MJ (MS-NRS)				
57	Valve 250mmØ Gate MJ/F				
58	Valve 250mmØ Gate MJ/MJ (MS-NRS)				
59	Valve 300mmØ Gate MJ/MJ (MS-NRS)				
60	Valve Gate 250mmØ F/F (For Steel Pipe & Machineable)				

61	Valve Gate 250mmØ MJ/MJ (For Steel Pipe & Machineable)				
SUB-TOTAL COST FOR (B)					
TOTAL COST FOR (6)					

Section IX. Bidding Forms

Working Draft

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Bid Form

Date: _____

To: **Metro Kidapawan Water District**
 Barangay Lanao, Kidapawan City
 Cotabato

Gentlemen and/or Ladies:

Having examined the Bidding Documents including Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to Procurement of Goods for Construction of Lapaan Dam 3 for Metro Kidapawan Water District in conformity with the said Bidding Documents for the sum of *[total Bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in **BDS** provision for **ITB** Clause 18.2 and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____

(if none, state "None")

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per **ITB** Clause 5 of the Bidding Documents.

We likewise certify/confirm that the undersigned, *[for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of Name of Bidder, has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the Procurement of Pipes, Valves and Fittings for METRO KIDAPAWAN WATER DISTRICT**[for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the Name of Bidder, to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for the Supply and Delivery of Pipes, Valves and Fittings of METRO KIDAPAWAN WATER DISTRICT*

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

Dated this _____ day of _____ 20_____.

[signature] *[in the capacity of]*

Duly authorized to sign Bid for and on behalf of _____

For Goods Offered From Abroad

Name of Bidder _____
 _____.

Page ____ of ____

1	2	3	4	5	6	7	8	9
Item	Description	Country of origin	Quantity	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

For Goods Offered From Within the Philippines
(Please refer to Annex A)

Name of Bidder _____.
 _____, Page ____ of _____

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Contract Agreement Form

THIS AGREEMENT made the ___ day of _____ 2020___ between METRO KIDAPAWAN WATER DISTRICT of the Philippines (hereinafter called “the Entity”) of the one part and *[name of Supplier]* of *[city and country of Supplier]* (hereinafter called “the Supplier”) of the other part:

WHEREAS the Entity invited Bids for certain goods and ancillary services, viz **Procurement of Goods for Construction of Lapaan Dam 3** and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Supplier’s Bid, including the Technical and Financial Proposals, and all other documents/statements submitted (*e.g.* bidder’s response to clarifications on the bid), including corrections to the bid resulting from the Procuring Entity’s bid evaluation;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract;
 - (f) the Performance Security; and
 - (g) the Entity’s Notice of Award.
3. In consideration of the payments to be made by the Entity to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Entity to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract
4. The Entity hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the time and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

Signed, sealed, delivered by _____ the _____ (for the Entity)

Signed, sealed, delivered by _____ the _____ (for the Supplier).

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;
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 following responsibilities as a Bidder:
- a) Carefully examine all of the Bidding Documents;
 - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

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

Bidder's Representative/Authorized Signatory

SUBSCRIBED AND SWORN to before me this ____ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on ____ at _____.

Witness my hand and seal this ____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. _____ [date issued], [place issued]

IBP No. _____ [date issued], [place issued]

Doc. No. _____

Page No. _____

Book No. _____

Series of _____

Bank Guarantee Form for Advance Payment

(for GOODS offered from abroad)

To: **Metro Kidapawan Water District**
Barangay Lanao, Kidapawan City
Cotabato

Procurement of Goods for Construction of Lapaan Dam 3

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 10 of the General Conditions of Contract to provide for advance payment, *[name and address of Supplier]* (hereinafter called the “Supplier”) shall deposit with the METRO KIDAPAWAN WATER DISTRICT a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of *[amount of guarantee in figures and words]*.

We, the *[bank or financial institution]*, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the METRO KIDAPAWAN WATER DISTRICT on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding *[amount of guarantee in figures and words]*.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed there under or of any of the Contract documents which may be made between the METRO KIDAPAWAN WATER DISTRICT and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[date]*.

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

BID SECURING DECLARATION FORM

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

X-----X

BID SECURING DECLARATION

To: **Metro Kidapawan Water District**
 Barangay Lanao, Kidapawan City
 Cotabato

I/We¹, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this BidSecuring 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;
 - (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.

NOT APPLICABLE

¹ Select one and delete the other. Adopt the same instruction for similar terms throughout the document.

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

[Insert NAME OF BIDDER’S AUTHORIZED REPRESENTATIVE]
[Insert Signatory’s Legal Capacity]
Affiant

SUBSCRIBED AND SWORN to before me this ____ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on ____ at _____.

Witness my hand and seal this ____ day of [month] [year].

NOT APPLICABLE
NAME OF NOTARY PUBLIC _____
Serial No. of Commission _____
Notary Public for _____ until _____
Roll of Attorneys No. _____
PTR No. _____ [date issued], [place issued]
IBP No. _____ [date issued], [place issued]

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



METRO KIDAPAWAN WATER DISTRICT
 Lanao, Kidapawan City
 Tel nos. (064)577-1533, 577-1865, Fax no. (064) 572-5555
 E-mail Address: metrokidapawan_wd@yahoo.com
 Website: www.metrokidapawanwd.gov.ph
 “Committed to Service, Development and Self-Reliance”



ISO 9001:2015 Certified
 Cert. No. 66478ISO 9001:2015 Certified

APPENDIX A FOR GOODS OFFERED FROM WITHIN THE PHILIPPINES

Name of Bidder _____

Invitation to Bid No.: _____
 Page ____ of ____

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
A- CONSTRUCTION MATERIALS									
1	Acetylene Refill								
2	Adapter 13mmØ PE-GI								
3	Anchor Bolt 5/8" x 12" HDG (Grade 55)								
4	Automatic Emergency Lights								
5	B.I (Black iron) Pipe 50mmx1.0mm x6m								
6	Ball Valve w/ Lockwings 13mmØ								
7	Bar 8mmØ × 6.0m Deformed								
8	Bar 10mmØ × 6.0m Deformed								
9	Bar 10mmØ × 6.0m Plain								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
10	Bar 12mmØ × 6.0m Deformed								
11	Bar 12mmØ × 6.0m Plain								
12	Bar 16mmØ × 6.0m Deformed								
13	Bar 20mmØ × 6.0m Deformed								
14	Bar 25mmØ × 6.0m Deformed								
15	Base Plate 2" x 2" x 50mm								
16	Base Plate 50mm thick (2.4mx1.2m)								
17	Baseplate 1/2" x 250mm x 250mm								
18	Blade Hacksaw								
19	Bolt Machine 24mmØ × 75mm w/ Nut & Washer								
20	Bolt Machine 27mmØ x 60mm w/ Nut & Washer								
21	Bolt w/ Nut and Washer (FT) 12mm x 150mm								
22	Boulders (size: 4" - 6")								
23	Bulb Receptacle								
24	Bushing 13mmØ x 9mmØ								
25	Bushing 25mmØ x 13mmØ G.I.								
26	Bushing 50mmØ x 25mmØ G.I.								
27	Cement Portland @ 40kg/bag								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
28	Chain Block (2-tons Capacity)								
29	Channel Bar 2" x 3" x 5mm thk @ 6.0m Length								
30	CHB 4" x 8" x 16"								
31	Chekered Steel Plate 1.0m x 2.0m x 8mm (cut to size)								
32	Pipe 150mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)								
33	Pipe 200mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)								
34	Pipe 250mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)								
35	Pipe 300mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)								
36	Pipe GI 24" x 6.0m Sch.40								
37	Reducer 150mm x 100mm MJ/MJ								
38	Reducer 200mm x 150mm MJ/MJ								
39	Reducer 300mm x 200mm MJ/MJ								
40	Sleeve Type Coupling 100mmØ MJ/MJ (For Steel Pipe & Machineable)								
41	Sleeve Type Coupling 150mmØ MJ/MJ (For Steel Pipe & Machineable)								
42	Sleeve Type Coupling 200mmØ MJ/MJ (For Steel Pipe & Machineable)								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
43	Sleeve Type Coupling 250mmØ MJ/MJ (For Steel Pipe & Machineable)								
44	Steel Pipe 250mmØ (O.D.=273.05mm; Wall Thickness=9.271 mm; Wt.= 60.2676 kg/m)- Type 304 Schedule 40S								
45	Tee 100mm × 100mm MJ/MJ								
46	Tee 150mm × 150mm MJ/MJ								
47	Tee 200mm × 200mm MJ/MJ								
48	Tee 200mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)								
49	Tee 250mm × 250mm MJ/MJ								
50	Tee 250mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)								
51	Elbow 13mmØ St. G.I.								
52	Elbow 25mmØ St.								
53	Elbow 25mmØ x 13mmØ reducer G.I.								
54	Elbow 3" × 45° Sanitary								
55	Elbow 4" × 45° Sanitary								
56	Elbow 4" × 90° Sanitary								
57	Elbow Reducer 25mmØ x 13mmØ G.I.								
58	Electrical Tape (Big)								
59	Empty Sack (cement size: 25 kg-								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
	laminated)								
60	Epoxy, dispenser								
61	Epoxy, Pure Epoxy-(Raw plug bonded anchor R-KEX II, 600M w/ Hardener)								
62	Expansion Bolt 24mmØ × 150mm								
63	Faucet (Stainless Steel)								
64	Flat Bar 50mm x 6m x 6mm thick								
65	Flexible Hose 3/4"								
66	Fuel Allocation for Equipment (Diesel)								
67	Fuel for Heavy Equipment								
68	Gabions Metallic Coated, 1.0m × 1.0m × 2.0m								
69	Glass Mirror 1.50m x 1.50m								
70	Good Lumber 1" x 6" x 10'								
71	Good Lumber 2" × 2" × 12'								
72	Good Lumber 2" × 3" × 12'								
73	Good Lumber 2" × 4" × 12'								
74	Good Lumber 2" x 2" x 10'								
75	Good Lumber 2" x 2" x 12'								
76	Good Lumber 2" x 3" x 12'								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
77	Good Lumber 1" x 6" x 10'								
78	Good Lumber 2" x 2" x 12'								
79	Good Lumber 2" x 3" x 12'								
80	Good Lumber 2" x 2" x 10'								
81	Gravel, Washed								
82	Gusset Plate (Steel Plate)-8mm x 2.5m x 1.2m								
83	Headed Anchor Bolt with nuts and flat washer (25mm x1.0m)								
84	Heavy Duty Portable Chargeable Drilling Machine w/ 1 set drill bit 16mm and below								
85	H-Frame 1.2mx1.7m (Set: 2-H Frame; 2 Cross braces, 4 joints)								
86	High Strength Friction Boltsw/ nuts & washer (16mm)								
87	High Strength Friction Boltsw/ nuts & washer (20mm)								
88	Hollo Bolt Flush (lenthg 2 " 5mm dia.)								
89	Industrial Ceiling Fan 42" with Wall Control								
90	Item 200 Filling Material								
91	Junction Box								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
92	Laminated Sack								
93	Lavatory w/ Drain and Faucet Accessory								
94	LED Light Bulb 9W								
95	Life Buoy with Refelctive Ring								
96	Life Jacket/Vest								
97	Limestone								
98	Mesh Wire (5.0mm hole size & 1.2mm thk wire)								
99	Monoblock Chairs								
100	Mudguard 1m x 1m x 5mm thick								
101	Nails 1" CW								
102	Nails 2 1/2" CW								
103	Nails 3" CW								
104	Nails 4" CW								
105	Nipple 50mmØ × 1.50m sch. 40								
106	Nylon Rope 1" x 100 meters								
107	Office Table with Drawers								
108	Oxygen Refill Tank								
109	Paint Brush 3"								
110	Paint Brush 4"								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
111	Paint Roller 6" w/ Pan								
112	Paint Roller 8" w/ Pan								
113	Paint Enamel Flat Wall Quick Dry (Gloss Exotic Sea @ 16 liters per pail)								
114	Paint Enamel for Metal- Gray								
115	Paint Gloss (Black)								
116	Paint Latex Flat (Yellow)								
117	Paint Latex Flat White								
118	Paint Metal Primer								
119	Paint Primer								
120	Paint Red Oxide (Metal Primer)								
121	Paint Thinner								
122	Paint, Flat Latex, Blue								
123	Paint, Flat Latex, White								
124	Panel Board								
125	Pipe 13mmØ x .60 m (TBE) S-40								
126	Pipe 3" x 3.0m Sanitary								
127	Pipe 4" x 3.0m Sanitary								
128	Pipe G.I. 50mmØ S-40								
129	Pipe Nipple 13mmØ x 0.15m TBE G.I.								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
130	Pipe Nipple 13mmØ x 0.6m TBE G.I.								
131	Pipe Nipple 50mmØ x 0.10m TBE								
132	Pipe Nipple 50mmØ x 0.30m TBE								
133	Pipe Nipple 50mmØ x 1.20m TOE								
134	Pipe P.E. 13mmØ SDR-9								
135	Plastic Twine (Black)								
136	Plug 3" Sanitary								
137	Plug 4" Sanitary								
138	Plywood 1/4" x 1.20m x 2.40m								
139	Plywood 1/4" x 4' x 8'								
140	Plywood 1/4" x 4' x 8' Ordinary								
141	PPGI Sheet GA26 x 8' (Blue - Rib Type)								
142	Pressure Gauge (200psi)								
143	P-Trap 3"								
144	P-Trap 4"								
145	Putty Solvent								
146	PVC Door with complete lockset, jamb and door hinges								
147	Reflectorized Enamel Paint (Yellow)								
148	Reflectorized Vest								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
149	Ridge cap								
150	Roof GA26, PPGI Sheet, Currogated 8'								
151	Rubber Boots								
152	Rubber Construction Pail/Bucket								
153	Safety Gloves								
154	Sand and Gravel Mixed								
155	Sand Fine, Washed								
156	Sand Paper #120								
157	Sealant								
158	Sealant (Small Only)								
159	Solar Panel 100W 12V Monocrystalline complete with Controller, Batteries, Connecting Cable, and Inverter								
160	Solar Power Motion Sensor LED Light (Roof Deck Fence)								
161	Solid Wood Panel Door w/ complete key-in-knob lockset, double cylinder deadbolts, jamb and door hinges								
162	Stainless Steel Floor Drain 100mm x 100mm								
163	Steel Angle Bar 3mm x 25mm x 25mm x 6m								
164	Steel Brace Angle Bar 60mmx60mmx6mm								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
165	Steel Deck W995 1.0mm THK								
166	Steel Flat Bar 8mm thk × 50mm × 6.0m								
167	Steel I - Beam (W6 × 16 × 6.0m)								
168	Steel I-Beam W8 × 6.5 x 28#								
169	Steel I-Beam, W6 × 22								
170	Steel Plate 8mm × 0.15m × 0.30m								
171	Steel Plate 8mm × 1.20m × 2.40m								
172	Steel, Channel Bar 150mm x 50mm x 3mm thk × 6.0m								
173	Stud Bolt 10mmØ x 3" (Full Thread)								
174	Switch 1 gang								
175	Switch 2 gang								
176	Switch 3 gang								
177	Switch 4 gang								
178	Tackle Pulley for Rope (1")								
179	Tape Plumbing (25mmØ)								
180	Tee 13mmØ G.I.								
181	Tee 50mmØ G.I.								
182	Tekscrew #12 for Steel 2"								
183	THHN Stranded #12 Wire 150m/ Box								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
184	THHN Stranded #14 Wire 150m/ Box								
185	Tie Wire #16								
186	Tile Adhesive								
187	Tile Glazed 60cm x 60cm, Cream								
188	Tile Grout, Cream								
189	Toks Screw w/ Rubber (2")								
190	Turnbuckle 12mm								
191	Utility Box								
192	Valve Ball w/ Lockwings 13mmØ								
193	Valve Ball w/ Lockwings 50mmØ								
194	Warning Tape 50mm (250m/roll)								
195	Water Closet w/ Bidet Complete w/ Fittings								
196	Water Proofing Compound								
197	Welding Rod Special @ 10kg/box								
198	White Board 4' x 8'								
199	Wye 4" x 3" PVC								
200	Wye 4" x 4" PVC								
B- PIPES AND FITTINGS MATERIALS									
1	Adapter 150mmØ MJ/F								
2	Adapter 250mm MJ/F								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
3	Adapter 250mmØ MJ/F (For Steel Pipe & Machineable)								
4	ARV 50mmØ D-10 (Combination Air)								
5	Clamp 200mm × 50mm Saddle								
6	Clamp 200mmØ x 19mmØ Saddle CI								
7	Clamp Saddle 250mmØ x 19mmØ (For Steel Pipe)								
8	Clamp Saddle 250mmØ x 50mmØ (For Steel Pipe)								
9	Coupling 100mm Sleeve Type MJ/MJ								
10	Coupling 150mm Sleeve Type MJ/MJ								
11	Coupling 200mm Sleeve Type MJ/MJ								
12	Coupling 250mm Sleeve Type MJ/MJ								
13	Coupling 300mm Sleeve Type MJ/MJ								
14	Elbow 100mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)								
15	Elbow 100mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)								
16	Elbow 100mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)								
17	Elbow 150mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)								
18	Elbow 150mmØ x 45deg MJ/MJ (For Steel								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
	Pipe & Machineable)								
19	Elbow 150mmØ x 90deg MJ/MJ								
20	Elbow 150mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)								
21	Elbow 200mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)								
22	Elbow 200mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)								
23	Elbow 200mmØ x 90deg MJ/MJ								
24	Elbow 200mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)								
25	Elbow 250mmØ x 22.5deg MJ/MJ (For Steel Pipe & Machineable)								
26	Elbow 250mmØ x 45deg MJ/MJ (For Steel Pipe & Machineable)								
27	Elbow 250mmØ x 90deg MJ/MJ								
28	Elbow 250mmØ x 90deg MJ/MJ (For Steel Pipe & Machineable)								
29	End Cap 200mmØ MJ/MJ								
30	Fabricated Flanged Spool w/ Strainer 250mmØ								
31	Pipe 100mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)								
32	Pipe 150mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
33	Pipe 200mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)								
34	Pipe 250mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)								
35	Pipe 300mmØ x 6.0m S-8 w/ Ruber Gasket (PVC)								
36	Pipe GI 24" × 6.0m Sch.40								
37	Reducer 150mm × 100mm MJ/MJ								
38	Reducer 200mm × 150mm MJ/MJ								
39	Reducer 300mm × 200mm MJ/MJ								
40	Sleeve Type Coupling 100mmØ MJ/MJ (For Steel Pipe & Machineable)								
41	Sleeve Type Coupling 150mmØ MJ/MJ (For Steel Pipe & Machineable)								
42	Sleeve Type Coupling 200mmØ MJ/MJ (For Steel Pipe & Machineable)								
43	Sleeve Type Coupling 250mmØ MJ/MJ (For Steel Pipe & Machineable)								
44	Steel Pipe 250mmØ (O.D.=273.05mm; Wall Thickness=9.271 mm; Wt.= 60.2676 kg/m)- Type 304 Schedule 40S								
45	Tee 100mm × 100mm MJ/MJ								
46	Tee 150mm × 150mm MJ/MJ								
47	Tee 200mm × 200mm MJ/MJ								
48	Tee 200mmØ x 150mmØ MJ/F (For Steel								

1	2	3	4	5	6	7	8	9	10
ITEM	DESCRIPTION	COUNTRY OF ORIGIN	QTY	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
	Pipe & Machineable)								
49	Tee 250mm × 250mm MJ/MJ								
50	Tee 250mmØ x 150mmØ MJ/F (For Steel Pipe & Machineable)								
51	Tee 300mm × 300mm MJ/MJ								
52	Valve 10" Butterfly								
53	Valve 100mmØ Gate MJ/MJ (MS-NRS)								
54	Valve 150mmØ Gate F/F								
55	Valve 150mmØ Gate MJ/MJ (MS-NRS)								
56	Valve 200mmØ Gate MJ/MJ (MS-NRS)								
57	Valve 250mmØ Gate MJ/F								
58	Valve 250mmØ Gate MJ/MJ (MS-NRS)								
59	Valve 300mmØ Gate MJ/MJ (MS-NRS)								
60	Valve Gate 250mmØ F/F (For Steel Pipe & Machineable)								
61	Valve Gate 250mmØ MJ/MJ (For Steel Pipe & Machineable)								

[Signature]

[In the capacity of]

Duly authorized to sign Bid for and on behalf of _____

ANNEXES

Annex D Construction of Lapaan Dam 3: List of Pipes and Fittings

Annex E Construction of Lapaan Dam 3: Construction Materials

Annex F Construction of Lapaan Dam 3: Technical Specifications and General Notes

