

# **PHILIPPINE BIDDING DOCUMENTS**

**DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS**

**PROCURING ENTITY: DEPARTMENT OF PUBLIC WORKS  
AND HIGHWAYS, REGIONAL OFFICE VI, ILOILO CITY**

**BIDDING DOCUMENTS**

**FOR**

**PROCUREMENT ID/CONTRACT ID: 24GG047**

**CONTRACT NAME: - Procurement of Supplies, Parts and  
Services for the Dry-Docking and Repair of Multi-Purpose  
Amphibious Dredge with DPWH No. K3-08 (Watermaster Classic  
IV) currently located at Iloilo River, Iloilo City**

**CONTRACT LOCATION: DPWH Regional Office VI, Iloilo City**

**Start Date for Issuance  
of Bidding Documents: February 24, 2025**

**Date of Opening of Bids: March 19, 2025**

# Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.

- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

# Table of Contents

<b>Glossary of Acronyms, Terms, and Abbreviations .....</b>	<b>4</b>
<b>Section I. Invitation to Bid.....</b>	<b>7</b>
<b>Section II. Instructions to Bidders.....</b>	<b>10</b>
1. Scope of Bid .....	12
2. Funding Information.....	12
3. Bidding Requirements .....	12
4. Corrupt, Fraudulent, Collusive, and Coercive Practices .....	13
5. Eligible Bidders.....	13
6. Origin of Goods .....	14
7. Subcontracts .....	14
8. Pre-Bid Conference .....	15
9. Clarification and Amendment of Bidding Documents .....	15
10. Documents comprising the Bid: Eligibility and Technical Components .....	15
11. Documents comprising the Bid: Financial Component .....	16
12. Bid Prices .....	16
13. Bid and Payment Currencies .....	17
14. Bid Security .....	17
15. Sealing and Marking of Bids .....	18
16. Deadline for Submission of Bids .....	18
17. Opening and Preliminary Examination of Bids .....	18
18. Domestic Preference .....	19
19. Detailed Evaluation and Comparison of Bids .....	19
20. Post-Qualification .....	20
21. Signing of the Contract .....	21
<b>Section III. Bid Data Sheet .....</b>	<b>22</b>
<b>Section IV. General Conditions of Contract .....</b>	<b>25</b>
1. Scope of Contract .....	26
2. Advance Payment and Terms of Payment .....	26
3. Performance Security .....	26
4. Inspection and Tests .....	27
5. Warranty .....	27
6. Liability of the Supplier .....	27
<b>Section V. Special Conditions of Contract .....</b>	<b>28</b>
<b>Section VI. Schedule of Requirements .....</b>	<b>31</b>
<b>Section VII. Technical Specifications .....</b>	<b>45</b>
<b>Section VIII. Bidding Forms.....</b>	<b>57</b>
<b>Section IX. Checklist of Technical and Financial Documents .....</b>	<b>57</b>

# *Glossary of Acronyms, Terms, and Abbreviations*

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

**BAC** – Bids and Awards Committee.

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

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

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

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

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

**CDA** - Cooperative Development Authority.

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

**CIF** – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

**DDP** – Refers to the quoted price of the Goods, which means “delivered duty paid.”

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

**EXW** – Ex works.

**FCA** – “Free Carrier” shipping point.

**FOB** – “Free on Board” shipping point.

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

**Framework Agreement** – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as “Call-Offs,” are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

**GFI** – Government Financial Institution.

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

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

**GOP** – Government of the Philippines.

**GPPB** – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

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

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

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

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

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**Supplier** – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

**UN** – United Nations.

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

### **Notes on the Invitation to Bid**

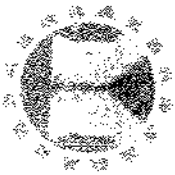
The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.





**INVITATION TO BID**

for

**PROCUREMENT OF SUPPLIES, PARTS AND SERVICES FOR THE DRY-DOCKING AND REPAIR OF MULTI-PURPOSE AMPHIBIOUS DREDGE WITH DPWH NO. K3-08 (WATERMASTER CLASSIC IV) CURRENTLY LOCATED AT ILOILO RIVER, ILOILO CITY**

The Department of Public Works and Highways Regional Office VI, thru its Bids and Awards Committee, through the **GAA 2024** intends to apply the sum of **Php 13,793,880.00** from the Approved Budget for the Contract (ABC) to payments under the **Contract ID No. 24GG047 - Procurement of Supplies, Parts and Services for the Dry-Docking and Repair of Multi-Purpose Amphibious Dredge with DPWH No. K3-08 (Watermaster Classic IV)** currently located at **Iloilo River, Iloilo City**. Bids received in excess of the ABC shall be automatically rejected at bid opening.

1. The Department of Public Works and Highways Regional Office VI now invites bids for the above Procurement Project. Delivery of the goods is required as specified in the Schedule of Requirements. Bidders should have completed, within (5) years from the date of submission and receipt of bids, a contract similar to the Project whose values must be at least 50% of the ABC. The description of an eligible bidder is contained in the Bidding Document, particularly, in Section II (Instructions to Bidders).
2. Per GPPB Resolution No. 15-2021, prospective bidders are required to upload and maintain current all the following eligibility documents in the PhilGEPS:
  - a. Request for Certification (SEC/DTI Registration)
  - b. Mayor's Business Permit or its Equivalent Documents
  - c. Tax Clearance
  - d. Audited Financial Statements

Any expired document among the above cited eligibility documents shall render the PhilGEPS Bid/Quote Registration Certificate as automatically suspended and its validity shall terminate only once the said expired document is already updated with the PhilGEPS.

In addition, Expired Mayor's Permit, this Permit together with the official receipt as proof that the prospective bidder has applied for renewal within the period prescribed by the LGC shall be accepted by the PhilGEPS for the purpose of updating the PhilGEPS Certificate of Bid/Quote Registration and Membership.

3. Bidding shall be conducted through open competitive bidding procedures using a non-discriminatory basis in accordance as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, otherwise known as the Government Procurement Reform Act. The contract shall be awarded to the lowest qualified Responsive Bidder (LRB) who was determined as such during post-qualification.
3. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or corporations with at least sixty percent (60%) interest of outstanding Capital Stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
4. Prospective Bidders may obtain further information from Department of Public Works and Highway Regional Office VI thru its Bids and Awards Committee and inspect the Bidding Documents at the address given below during Monday to Friday from 8:00 AM to 5:00 PM.
5. A complete set of bidding documents may be acquired by interested bidders on **February 25, 2025** until before 10:00 AM of **March 19, 2025** from the given address or website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Php 25,000.00**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees on **2/25/2025**.
6. Bids must be duly received by the BAC Secretariat through electronic submission at the office address indicated below on or before **10:00 AM on March 19, 2025** late bids shall not be accepted.
7. The Department of Public Works and Highways Regional Office VI thru its Bids and Awards Committee will hold a Pre-Bid Conference on **March 4, 2025, 2:00 PM** at Bidding Room II of Annex Unit, DPWH Regional Office VI, Fort San Pedro, Iloilo City which shall be open to prospective bidders.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITS clause 14.
9. Bid opening shall be on **March 19, 2025** at the given address below. Bids will be opened in the presence of the bidders' representatives and those to attend the activity.

14) The Department of Public Works and Highways Regional Office VI thru its Bids and Awards Committee reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.3 and 41 of the 2016 Revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

15) Further information may refer to

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*2023-04-20*  
**MARLOU G. ZAMORA**  
BAC Chairperson

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

### **Notes on the Instructions to Bidders**

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

## **1. Scope of Bid**

The Procuring Entity, *[indicate name]* wishes to receive Bids for the *[insert Procurement Project]* *[insert, if applicable:]* under a Framework Agreement, with identification number *[indicate number]*.

*[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]*

The Procurement Project (referred to herein as “Project”) is composed of *[indicate number of lots or items]*, the details of which are described in Section VII (Technical Specifications).

## **2. Funding Information**

2.1. The GOP through the source of funding as indicated below for *[indicate funding year]* in the amount of *[indicate amount]*.

2.2. The source of funding is:

*[If an early procurement activity, select one and delete others:]*

- a. NGA, the National Expenditure Program.
  - b. GOCC and GFIs, the proposed Corporate Operating Budget.
  - c. LGUs, the proposed Local Expenditure Program.
- [If not an early procurement activity, select one and delete others:]*
- a. NGA, the General Appropriations Act or Special Appropriations.
  - b. GOCC and GFIs, the Corporate Operating Budget.
  - c. LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

## **3. Bidding Requirements**

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

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

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

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

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. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “F” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

#### **5. Eligible Bidders**

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

5.2. *[Select one, delete other/s]*

- a. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
    - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
    - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
    - iii. When the Goods sought to be procured are not available from local suppliers; or
    - iv. When there is a need to prevent situations that defeat competition or restrain trade.
  - b. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA’s CPI, must be at least equivalent to:

*[Select one, delete the other/s]*

- a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
  - b. For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.
  - c. For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition of either (a) or (b) will likely result to failure of bidding or monopoly that will defeat the purpose of public bidding: the Bidder should comply with the following requirements: *[Select either failure or monopoly of bidding based on market research conducted]*
    - i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty percent (50%) in the case of non-expendable supplies and services or twenty-five percent (25%) in the case of expendable supplies*] of the ABC for this Project; and
    - ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

## **6. Origin of Goods**

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

## **7. Subcontracts**

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that:

*[Select one, delete other/s]*

- a. Subcontracting is allowed. The portions of Project and the maximum percentage allowed to be subcontracted are indicated in the **BDS**, which shall not exceed twenty percent (20%) of the contracted Goods.

- b. Subcontracting is not allowed.  
*[If Procuring Entity has determined that subcontracting is allowed during the bidding, state:]* The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.

7.3. *[If subcontracting is allowed during the contract implementation stage, state:]* The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.

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

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

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address *[insert if applicable]* and/or through videoconferencing/webcasting; as indicated in paragraph 6 of the **IB**.

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

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

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

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *[state relevant period as provided in paragraph 2 of the IB]* prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent



office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

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

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.
- 11.5. *[Include if Framework Agreement will be used:]* Financial proposals for single or multi-year Framework Agreement shall be submitted before the deadline of submission of bids as prescribed in the **IB**. For multi-year Framework Agreement, evaluation of the financial proposal during this stage is for purposes of determining eligibility and whether or not such financial proposal is within the ABC.

## **12. Bid Prices**

- 12.1. 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 e.
  - b. For Goods offered from abroad:

- i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (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, as listed in **Section VII (Technical Specifications)**.

12.2. *[Include if Framework Agreement will be used:]* For Framework Agreement, the following should also apply in addition to Clause 12.1:

- a. For a single year Framework Agreement, the prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.
- b. For a multi-year Framework Agreement, the prices quoted by the Bidder during submission of eligibility documents shall be the ceiling and the price quoted during mini-competition must not exceed the initial price offer. The price quoted during call for mini-competition shall be fixed during the Bidder's performance of that Call-off and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.

### 13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in:

*[Select one, delete the other/s]*

- a. Philippine Pesos.
- b. *[Indicate currency if procurement involves a foreign-denominated bid as allowed by the Procuring Entity, which shall be tradeable or acceptable by the BSP].*

### 14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration<sup>1</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until *[indicate date]*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.
- 14.3. *[Include if Framework Agreement will be used:]* In the case of Framework Agreement, other than the grounds for forfeiture under the 2016 revised JRR, the bid security may also be forfeited if the successful bidder fails to sign the Framework Agreement, or fails to furnish the performance security or performance securing declaration. Without prejudice on its forfeiture, bid securities shall be returned only after the posting of performance security or performance securing declaration, as the case may be, by the winning Bidder or compliant Bidders and the signing of the Framework Agreement.

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

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

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

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

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

- 16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.
- 16.2. *[Include if Framework Agreement will be used:]* For multi-year Framework Agreement, the submission of bids shall be for the initial evaluation of their technical and financial eligibility. Thereafter, those declared eligible during the said initial eligibility evaluation and entered into a Framework Agreement with the Procuring Entity shall submit anew their best financial offer at the address and on or before the date and time indicated in the Call for each mini-competition.

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

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<sup>1</sup> In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

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

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

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

## 18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

18.2. *[Include if Framework Agreement will be used.]* For multi-year Framework Agreement, determination of margin of preference shall be conducted every call for Mini-Competition.

## 19. Detailed Evaluation and Comparison of Bids

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

*[Include the following options if Framework Agreement will be used.]*

a. In the case of single-year Framework Agreement, the Lowest Calculated Bid shall be determined outright after the detailed evaluation;

b. For multi-year Framework Agreement, the determination of the eligibility and the compliance of bidders with the technical and financial aspects of the projects shall be initially made by the BAC, in accordance with Item 7.4.2 of the Guidelines on the Use of Framework Agreement.

19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case may be. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4. The Project shall be awarded as follows:

*[Select one, delete the other/s]*

Option 1 – One Project having several items that shall be awarded as one contract.

Option 2 – One Project having several items grouped into several lots, which shall be awarded as separate contracts per lot.

Option 3 - One Project having several items, which shall be awarded as separate contracts per item.

*[Delete Options 2 and 3 if Framework Agreement will be used.]*

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

## **20. Post-Qualification**

20.1. *[Include if Framework Agreement will be used:]* For multi-year Framework Agreement, all bidders initially determined to be eligible and financially compliant shall be subject to initial post-qualification. The BAC shall then recommend the execution of a Framework Agreement among all eligible, technically and financially compliant bidders and the Procuring Entity and shall be issued by HoPE a Notice to Execute Framework Agreement. The determination of the Lowest Calculated Bid (LCB) shall not be performed by the BAC until a Mini-Competition is conducted among the bidders who executed a Framework Agreement. When a Call for Mini-Competition is made, the BAC shall allow the bidders to submit their best financial proposals on such pre-scheduled date, time and place to determine the bidder with the LCB.

20.2. 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, *{[Include if Framework Agreement will be used:]* or in the case of multi-year Framework Agreement, that it is one of the eligible bidders who have submitted bids that are found to be technically and financially compliant,} 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**. *{[Include if Framework Agreement will be used:]* For every mini-competition in Framework Agreement, the LCB shall likewise submit the required documents for final Post Qualification.}

## 21. Signing of the Contract

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

*[Include the following clauses if Framework Agreement will be used:]*

- 21.2. At the same time as the Procuring Entity notifies the successful Bidder that its bid has been accepted, the Procuring Entity shall send the Framework Agreement Form to the Bidder, which contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.
- 21.3. Within ten (10) calendar days from receipt of the Notice to Execute Framework Agreement with the Procuring Entity, the successful Bidder or its duly authorized representative shall formally enter into a Framework Agreement with the procuring entity for an amount of One Peso to be paid to the procuring entity as a consideration for the option granted by the procuring entity to procure the items in the Framework Agreement List when the need arises.
- 21.4. The Procuring Entity shall enter into a Framework Agreement with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.
- 21.5. The following documents shall form part of the Framework Agreement:
- a. Framework Agreement Form;
  - b. Bidding Documents;
  - c. Call-offs;
  - d. 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;
  - e. Performance Security or Performance Securing Declaration, as the case may be;
  - f. Notice to Execute Framework Agreement; and
  - g. Other contract documents that may be required by existing laws and/or specified in the **BDS**.

## *Section III. Bid Data Sheet*

### **Notes on the Bid Data Sheet**

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

# Bid Data Sheet

ITB Clause	
1.0	The Procuring Entity, Department of Public Works and Highways Regional Office VI, Iloilo City wishes to receive Bids for the- <b>Procurement of Supplies, Parts and Services for the Dry-Docking and Repair of Multi-Purpose Amphibious Dredge with DPWH No. K3-08 (Watermaster Classic IV) currently located at Iloilo River, Iloilo City</b> , with identification number 24GG047.
2.1	The GOP through the source of funding as indicated below for <b>GAA FY 2024</b> in the amount of <b>Php 13,703,880.00.</b>
2.2	The source of funding is: NGA, the General Appropriations Act or Special Appropriations.
5.3	For this purpose, contracts similar to the Project shall be: a. Vehicle Parts and Accessories b. Completed within five (5) years prior to the deadline for the submission and receipt of bids.
7.1	Subcontracting is not allowed.
8	The Procuring Entity will hold a Pre-Bid conference for this project on <b>March 4, 2025</b> at bidding room DPWH Regional Office VI, Iloilo City
10.1	<ul style="list-style-type: none"> <li>✓ For manual submission of bids, the Technical Documents is preferably book bounded.</li> <li>✓ The contents of Technical Documents are preferably numbered/paginated consecutively in the right-hand top margin and signed below page number by duly authorized representative for both manual and electronic submission of bids.</li> <li>✓ Any missing, incomplete or patently insufficient document in the required checklist is a ground for outright rejection (non-complying) of the bid</li> </ul>
11.1	<ul style="list-style-type: none"> <li>✓ For manual submission of bids, the Financial Documents is preferably book bounded.</li> <li>✓ The contents of Financial Documents are preferably numbered/paginated consecutively in the right-hand top margin and signed below page number by duly authorized representative for both manual and electronic submission of bids.</li> <li>✓ Any missing, incomplete or patently insufficient document in the required checklist is a ground for outright rejection (non-complying) of the bid</li> </ul>



13.2	Philippine Pesos.
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <p>a. The amount of not less than <b>2% of ABC</b> if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</p> <p>b. The amount of not less than <b>5% of ABC</b> if bid security is in Surety Bond.</p>
16.1	<p>The address for submission of bids is <b>DPWH Bidding Room, Regional Office VI, Fort San Pedro, Iloilo City.</b></p> <p>The deadline for submission of bids is <b>March 19, 2025.</b></p>
17.1	<p>The place of bid opening is <b>DPWH Bidding Room, Regional Office VI, Fort San Pedro, Iloilo City.</b></p> <p>The date and time of bid opening <b>March 19, 2025 @ 10:00 A.M, immediately after dropping of bids.</b></p>
17.2	<p>Bid corrections or any corrections as well as erasures made in the financial documents including the discounts offered and the methodology of their applications must be duly signed or initialed.</p>

## ***Section IV. General Conditions of Contract***

### **Notes on the General Conditions of Contract**

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

## **1. Scope of Contract**

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

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

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

## **2. Advance Payment and Terms of Payment**

- 2.1. Advance payment of the contract amount is provided under Annex “D” of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

*[Include the following clauses if Framework Agreement will be used.]*

- 2.3. For a single-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier in its bid.
- 2.4. For multi-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier during conduct of Mini-Competition.

## **3. Performance Security**

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184. *[Include if Framework Agreement will be used.] In the case of Framework Agreement, the Bidder may opt to furnish the performance security or a Performance Securing Declaration as defined under the Guidelines on the Use of Framework Agreement.]*

#### **4. Inspection and Tests**

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project *{[Include if Framework Agreement will be used: ] or Framework Agreement/ specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the SCC, Section IV (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.*

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

#### **5. Warranty**

6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

6.2. 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, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

#### **6. Liability of the Supplier**

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

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

## *Section V. Special Conditions of Contract*

### **Notes on the Special Conditions of Contract**

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

## Special Conditions of Contract

GCC Clause	
1	<p><b>Delivery and Documents –</b></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><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered <i>[indicate place of destination]</i>. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered <i>[indicate place of destination]</i>. 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).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is <i>[indicate name(s)]</i>.</p> <p><b>Packaging –</b></p> <p>The Supplier shall provide such packaging of the Goods as is required 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.</p> <p>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.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity  Name of the Supplier  Contract Description  Final Destination  Gross weight  Any special lifting instructions</p>

	<p>Any special handling instructions Any relevant HAZCHEM classifications</p>
2.2	<p>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.</p> <p>Partial payment is not allowed.</p>
4	<p>The inspections and tests that will be conducted are: <i>none</i></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.

Item Number	Description	Quantity and Unit	Total	Delivered, Weeks/Months
<b>I.</b>	<b>Mobilization</b> Dismantling of main hull, side stabilizer floats, side pontoons and loading of the Dredging Equipment for hauling to designated dry-docking facility using 1 Unit Hydraulic Crane for 3 days, 1 Tractor with Low Bed for 2 days; Labor consisting of 1 Foreman for 5 days, 1 Crane Operator for 3 days, 1 Heavy Equipment Operator for 2 days, and 4 Common Labor for 5 days.	1.00 lumpsum	1.00 lumpsum	<u>180 CD upon receipt of NTP</u>
<b>II.</b>	<b>Docking &amp; Undocking Services</b> Dock & Undocked Vessel for inspection & repair, Wharfage fee for 30 days, Connect shore powerline to vessel assuming 200 Kw-hr, Connect fresh water line to vessel assuming 150 cu. m, Mooring and Unmooring allowing 2 moves	1.00 lumpsum	1.00 lumpsum	
<b>III.</b>	<b>General Services</b> Conduct hammer test on port & starboard side hull and conduct ultrasonic gauging. Allow 15 spots for side platings, 10 spots for main deck platings and 15 spots for bottom platings; Labor consisting of 1 UTG Technician for 3 days and 2 Common Labor for 3 days.	1.00 lumpsum	1.00 lumpsum	
<b>IV.</b>	<b>Hull Treatment</b> A. Scrape barnacles & marine growths from Keel to Deckline allowing 50 sq. m; Labor consisting of 1 Foreman for 2 days and 4 Common Labor for 1 day. B. Hydro blast to remove mineral deposit & contaminants using high power jet @2000 psi. from keel to deck line. Allow 50 sq.m; Labor consisting of 1 Operator for 1 day and 4 Common Labor for 1 day	1.00 lumpsum	1.00 lumpsum	
<b>V.</b>	<b>Hull and Main Deck Replating Works.</b> A. Crop-out & renew weak deterioration portion of main bottom hull platings using	1.00 lumpsum	1.00 lumpsum	



	<p>yard supplied materials &amp; allow a total area of approximately 30 sq. m. using 10 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 6.0 mm, 5 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), and 10 pcs Grinding Stone; Labor consisting of 1 Supervisor for 25 days, 2 Welders for 25 days, 2 Fitters for 15 days, and 4 Common Labor for 25 days.</p>			
	<p>B. Crop-out &amp; renew weak &amp; deteriorated portion of portside &amp; starboardside side platings using yard supplied materials, allow a total area of approximately 18 sq. m. using 8 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 5.0mm, 3 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), 6 pcs Grinding Stone, and 4 pcs Mild Steel Plate 6.0 mm x 4' x 8'; Labor consisting of 1 Supervisor for 20 days, 2 Welders for 20 days, 2 Fitters for 10 days, and 4 Common Labor for 20 days.</p>	1.00 lumpsum	1.00 lumpsum	
	<p>C. Crop-out, renew weak deteriorated bottom shell framing using yard supplied materials, allow a total of 250 kgs. Approximately 40 LM of Angle Bars &amp; Flat Bars. using 250 kgs of Angle Bars 3/8" x 3" x 3" x 20 ft. and Flat Bars 3/8" x 3" x 20 ft., 10 pcs Grinding Stone, 2 boxes Welding Rod, Super C2 @ 10 kilos/box, 4 tanks Oxygen (contents only) and 4 tanks Acetylene (contents only); Labor consisting of 1 Supervisor for 20 days, 2 Welders for 20 days, 2 Fitters for 10 days, and 4 Common Labor for 20 days.</p>	1.00 lumpsum	1.00 lumpsum	
	<p>D. Crop-out &amp; renew weak deteriorated portion of main deck platings using yard supplied materials &amp; allow a total area of approximately 30 sq. m. using 10 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 4.0mm, 5 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 8 tanks Acetylene (contents only), and 10 pcs Grinding Stone; Labor consisting of 1 Supervisor for 25 days, 2 Welders for 25 days, 2</p>	1.00 lumpsum	1.00 lumpsum	

	Fitters for 15 days, and 4 Common Labor for 25 days.		
<b>VI.</b>	<b>Floater Replating Works</b>		
	A. Replace two (2) units stabilizer float assemblies using 2 assy Front Stabilizer Float Assembly PN: 7350678.	1.00 lumpsum	1.00 lumpsum
	B. Crop-out & renew weak deteriorated portion of side pontoon platings starboard and portside using yard supplied materials & allow a total area of approximately 24 sq. m. using 8 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 5.0mm, 5 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 8 tanks Acetylene (contents only), and 10 pcs Grinding Stone; Labor consisting of 1 Supervisor for 25 days, 2 Welders for 25 days, 2 Fitters for 15 days, and 4 Common Labor for 25 days.	1.00 lumpsum	1.00 lumpsum
	C. Crop-out, renew deteriorated side pontoon shell framing using yard supplied materials, allow a total of 170 kgs. using 250 kgs of Angle Bars, 3/8" x 3" x 3" x 20 ft., 2 pcs Grinding Stone, 4 boxes Welding Rod, Super C2 @ 10 kilos/box, 4 tanks Oxygen (contents only), 1 tank Acetylene (contents only) and 4 pcs Shell Expansion Plan; Labor consisting of 1 Supervisor for 20 days, 2 Welders for 20 days, 2 Fitters for 10 days, and 4 Common Labor for 20 days.	1.00 lumpsum	1.00 lumpsum
<b>VII.</b>	<b>Deck Works</b>		
	A. On Board Hydraulic Pipe line replacement, using 6 pcs Reducer 1"Ø to 1/2"Ø, 10 pcs Couplings 1/2"Ø, 10 pcs Couplings 1" Ø, 10 pcs Elbows 1/2" Ø x 90°, 10 pcs Elbows 1" Ø x 90°, 6 pcs T-couplings 1"Ø, and 6 pcs T-couplings 1/2" Ø; Labor consisting of 1 Supervisor for 6 days, 2 Hydraulic pipe technician for 6 days, and 2 Common Labor for 6 days.	1.00 lumpsum	1.00 lumpsum
	B. Crop-out renew deteriorated portion of the Engine Room and doors using yard supplied materials & allow a total area of approximately 11 sq. m. using 4 pcs Steel Plate SAE4140, 4-0 mm x 4' x 8', 3 boxes Welding Rod, Super C2 @ 10 kilos/box, 5 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), and 6 pcs Grinding Stone; Labor consisting of 1	1.00 lumpsum	1.00 lumpsum

	Supervisor for 10 days, 2 Welders for 10 days, 2 Fitters for 5 days, and 4 Common Labor for 10 days.		
	C. Crop-out renew deteriorated portion of the Main deck railings using yard supplied materials & allow a total length of approximately 52 ft. using 1 pc Tubular Steel G.I. 2" x 2" x 20', 1 pc Tubular Steel G.I. 2" x 1" x 20', 1 box Welding Rod, Super C2 @ 10 kilos/box, 1 tank Oxygen (contents only), 1 tank Acetylene (contents only), and 2 pcs Grinding Stone; Labor consisting of 1 Supervisor for 10 days, 2 Welders for 10 days, 2 Fitters for 5 days, and 4 Common Labor for 10 days.	1.00 lumpsum	1.00 lumpsum
	D. Replace onboard hydraulic steel pipe using 2 pcs Hydraulic Steel Pipeline 1 1/4"Ø x 133" with fittings on both ends SAE 110R, 1 pc Hydraulic Steel Pipeline 1"Ø x 133" with fittings on both ends SAE 110R, and 1 pc Hydraulic Steel Pipeline 3/4"Ø x 135" with fittings on both ends SAE 110R; Labor consisting of 1 Supervisor for 1 day, 1 Hydraulic Mechanic for 1 day, and 1 Common Labor for 1 day	1.00 lumpsum	1.00 lumpsum
<b>VIII.</b>	<b>Repair/Replace Discharge Pipe</b>		
	A. Replacement of Pressure Gauge at Discharge Pipe and Cutter Suction using 3 pcs Pressure Gauge 400 bar	1.00 lumpsum	1.00 lumpsum
	B. Replacement base of on board discharge using 3 sets of base of on board discharge	1.00 lumpsum	1.00 lumpsum
	C. Replacement of on board discharge pipe using 1 pc 8" dia.x 1/2" thick x 20' with Flanges both ends discharge pipe, 1 box Welding Rod, Super C2 @ 10 kilos/box, 1 tank Oxygen (contents only), 1 tank Acetylene (contents only), and 3 pcs Grinding Stone; Labor consisting of 1 Foreman for 3 days, 1 Welder for 2 days and 2 Common Labor for 3 days.	1.00 lumpsum	1.00 lumpsum
	D. Replacement of discharge hose holder using 2 pcs Discharge Hose Holder	1.00 lumpsum	1.00 lumpsum
	E. Replacement of on-board flexible discharge pipe using 1 pc Flexible pipe 6"Ø x 78" 8ply 8 wire, 1 pc Flexible pipe 6"Ø x 190" 8ply 8 wire, 1 pc Flexible pipe 6"Ø x 180" 8ply 8 wire, 15 pcs	1.00 lumpsum	1.00 lumpsum

	Clamp 8"Ø x 3/4" width x 5/16" thick stainless steel, and 1 pc Adapter ✓		
<b>IX.</b> /	<b>Repair/Replacement of Propulsion Unit</b>		
	<p>A. Repair/ Replacement of Propulsion Unit, test for proper performance upon completion of work using 1 assy Steering Cylinder Assy. PN2898205, 1 assy Levelling Cylinder Assy. PN2898206, 1 pc Pin of Propeller Swing Rack PN7650316, 2 pcs Pin Bushing of Propeller Swing Rack PN7650311, 2 pcs Bearing Plate of Propeller Swing Rack PN7650315, 1 pc Seal Propeller Motor, 2 pcs Pin of Cylinder Propeller Levelling PN7650316, 2 pcs Ring of Pin Levelling Cylinder PN7605133, 1 pc Swing Rack propeller PN7350086, 1 pc Hydraulic Hose 1/2"Ø x 3000 mm SAE100R1 Propeller Motor Return PN7350732, 2 pcs PN7350730, 4 pcs Fitting 3/8"Ø Propeller Levelling Cylinder PN2906550, 1 pc Hydraulic Hose 3/8"Ø x 1050 mm SAE100 Propeller Steering PN7651923, 1 pc Hydraulic Hose 3/8"Ø x 1300 mm SAE100, Propeller Steering PN7650355, 2 pcs Fitting 1/4"Ø Propeller Steering Cylinder PN2559345, 1 pc Hydraulic Hose</p> <p>3/8"Ø x 1300 mm SAE100R Propeller Levelling PN7650355, 1 pc Zinc Anode PN2898287, 2 pcs Zinc Anode PN2898288, and 1 set Seal Kit, Steering Cylinder, PN2914879; Labor consisting of 1 Supervisor for 20 days, 2 Hydraulic Pipe Technicians for 15 days and 2 Common Labors for 20 days.</p>	1.00 lumpsum	1.00 lumpsum
<b>X.</b> /	<b>Repair of Port Side and Starboard Side Front Stabilizer Cylinders</b>		
	<p>A. Repair of Two (2) Units Starboard and Portside Stabilizer Cylinders using 4 pcs Ball joint bushing w/ housing, 2 units Hydraulic cylinder piston rod hard chrome PN7301795, 8 pcs Lock Ring (for ball joint) PN2595332, and Grease Nipple PN2906790; Labor consisting of 1 Foreman for 7 days, 1 Heavy Equipment Mechanic for 7 days and 1 Common Labor for 8 days.</p>	1.00 lumpsum	1.00 lumpsum

	<p>B. Replace with front stabilizer hydraulic hoses and steel pipeline using 2 pcs Hydraulic hose, 1/4"Ø x 1000mm with fittings on both ends SAE110R PN8710207, 2 pcs Hydraulic hose, 1/2"Ø x 2300mm with fittings on both ends SAE110R PN7350789, 2 pcs Hydraulic Steel Pipeline, 1/2"Ø x 20" with fittings on both ends SAE 110R, 2 pcs Hydraulic Steel Pipeline, 1/2"Ø x 21" with fittings on both ends SAE 110R and 2 sets Seal Kit, PN2906790; Labor consisting of 1 Supervisor for 1 day, 1 Hydraulic Mechanic for 1 day and 1 Common Labor for 1 day</p>	1.00 lumpsum	1.00 lumpsum	
<b>XI.</b>	<p><b>Repair of Arm Cylinder</b></p> <p>A. Replace Arm Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 3/4"Ø x 2150mm with fittings on both ends SAE100R12 PN7350768, 2 pcs Hydraulic hose, 3/4"Ø x 1830mm with fittings on both ends SAE100R12 PN7350762, Hydraulic steel pipeline, 1/2"Ø x 28" with fittings on both ends SAE110R and 1 set Seal Kit, PN2916950; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 1 Common Labor for 3 days</p>	1.00 lumpsum	1.00 lumpsum	
	<p>B. Replace pivot pin of arm cylinder using 1 pc Pivot pin of arm cylinder 50 mm Ø x 180 mm PN8833023 and 1 pc Pivot pin of arm cylinder, 50 mm Ø x 270 mm PN8833021</p>	1.00 lumpsum	1.00 lumpsum	
<b>XII.</b>	<p><b>Repair of Port Side and Starboard Side Spud Cylinders</b></p> <p>A. Replace Starboard and Port Side Spud hydraulic hoses and steel pipeline using 6 pcs Hydraulic hose, 1/2"Ø x 1150mm with fittings on both ends SAE100R9 PN7351079, 2 pcs Hydraulic hose, 1/4"Ø x 1760mm with fittings on both ends SAE100R2 PN7351128, 2 pcs Hydraulic hose, 1/2"Ø x 1000mm with fittings on both ends SAE100R9 PN7351151, 4 pcs Hydraulic Steel Pipeline, 1/2"Ø x 142" with fittings on both ends SAE110R, and 2 sets Seal Kit, PN2916947; Labor consisting of 1 Supervisor for 2 days, 1 Hydraulic</p>	1.00 lumpsum	1.00 lumpsum	

	Mechanic for 2 days and 1 Common Labor for 2 days		
	B. Replace Port Side Chrome Cylinder Rod using 1 pc Cylinder Rod Spud PN7351214	1.00 lumpsum	1.00 lumpsum
<b>XIII.</b>	<b>Repair of Boom Cylinder</b>		
	A. Replace with Boom Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 3/4"Ø x 2150mm with fittings on both ends, SAE100R12 PN7350768, 2 pcs Hydraulic hose, 3/4"Ø x 1000mm with fittings on both ends, SAE100R12 PN7350768 and 1 set Seal Kit, PN2916949; Labor consisting of 1 Supervisor for 1 day, 1 Hydraulic Mechanic for 1 day and 1 Common Labor for 1 day	1.00 lumpsum	1.00 lumpsum
	B. Replace pivot pin of boom cylinder using 1 pc Pivot pin of boom cylinder, 60 mm Ø x 168 mm, PN8717014, 1 pc Pivot pin of boom cylinder, 60 mm Ø x 230 mm, PN8717003 and 1 pc Cylinder Rod Boom, PN7351226	1.00 lumpsum	1.00 lumpsum
<b>XIV.</b>	<b>Repair of Starboard Side and Port Side Tilt Cylinders</b>		
	A. Replace with tilt hydraulic hoses using 2 pcs Hydraulic hose, 1/2"Ø x 570mm with fittings on both ends, SAE100R9 PN7351152, 2 pcs Hydraulic hose, 1/2"Ø x 1350mm with fittings on both ends, SAE100R9 PN8714823 and 2 sets Seal Kit, PN3329546; Labor consisting of 1 Supervisor for 2 days, 1 Hydraulic Mechanic for 2 days and 1 Common Labor for 2 days	1.00 lumpsum	1.00 lumpsum
<b>XV.</b>	<b>Repair of Left and Right Swing Cylinders</b>		
	A. Replace with Swing Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 1/2"Ø x 720mm with fittings on both ends, SAE100R9 PN7351147, 1 pc Hydraulic hose, 1/2"Ø x 730mm with fittings on both ends, SAE100R9 PN7350957, 1 pc Hydraulic hose, 1/2"Ø x 900mm with fittings on both ends, SAE100R9 PN7350956, 2 pcs Hydraulic hose, 1/2"Ø x 690mm with fittings on both ends, SAE100R9 PN7350765 and 2 sets Seal Kit, PN2916472; Labor consisting of 1 Supervisor for 2 days, 1	1.00 lumpsum	1.00 lumpsum

	Hydraulic Mechanic for 2 days and 1 Common Labor for 2 days		
<b>XVI.</b>	<b>Repair of Bucket Cylinder</b>		
	A. Repair of Bucket Cylinder using 4 pcs Ball joint bushing w/ housing (as per sample), 8 pcs Lock Ring (for ball joint), PN2595332, 4 pcs Grease Nipple, 1 pc Cylinder Rod, Bucket, PN7351234 and 1 set Seal Kit, PN3329546; Labor consisting of 1 Foreman for 7 days, 1 Heavy Equipment Mechanic for 7 days and 2 Common Labor for 7 days	1.00 lumpsum	1.00 lumpsum
	B. Replace with Bucket Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 3/4"Ø x 2150mm with fittings on both ends, SAE100R12 PN7350768, 2 pcs Hydraulic hose, 3/4"Ø x 1430mm with fittings on both ends, SAE100R12 PN7350760, 1 pc Hydraulic hose, 3/4"Ø x 630mm with fittings on both ends, SAE100R12 PN7350736 and 1 pc Hydraulic hose, 3/4"Ø x 1160mm with fittings on both ends, SAE100R12 PN7350759 Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 2 Common Labor for 3 days	1.00 lumpsum	1.00 lumpsum
	C. Replace pivot pins of bucket cylinder using 1 pc Pivot pin of bucket cylinder, 60mm Ø x 354mm, PN8833018, 1 pc Pivot pin of bucket cylinder, 50mm Ø x 110mm, PN8833027, 1 pc Pivot pin of bucket cylinder, 50mm Ø x 98mm, PN7652879, 1 pc Pivot pin of bucket cylinder, 50mm Ø x 395mm, PN7651578, 1 pc Pivot pin of bucket cylinder, PN7650423 and 1 pc Pivot pin of bucket cylinder, 50mm Ø x 260mm, PN7652789	1.00 lumpsum	1.00 lumpsum
	D. Replace entire Bucket Assembly using 1 assy Bucket Assembly, PN7250115	1.00 lumpsum	1.00 lumpsum
<b>XVII.</b>	<b>Repair of Cutter Pump</b>		
	A. Repair of Cutter Pump Head Assy. Using 1 pc Bearing, Dredge Pump Housing PN2861308, 1 pc Sleeve, Dredge Pump Housing, 2 pcs Bearing, Dredge Pump Housing PN7653081, 1 pc Intermediate sleeve, 1 pc O-Ring PN 2617230, 2 pcs Cotter Pin, 1 pc O-Ring PN 2916965, 1 pc O-Ring PN 2916566, 1 pc Flow Indicator, 1 pc Quick Coupling, 2	1.00 lumpsum	1.00 lumpsum

	<p>pcs Fitting, 1 pc Nipple Fitting; Labor consisting of 1 Foreman for 4 days, 1 Heavy Equipment Mechanic for 4 days and 2 Common Labor for 4 days</p>		
<p><b>B. Replace with new Cutter Suction hydraulic hoses and Steel Pipeline using</b>  2 pcs Hydraulic hose, 1"Ø x 1330mm with fittings on both ends, SAE100R11 PN7350764, 2 pcs Hydraulic hose, 3/4"Ø x 1300mm with fittings on both ends, SAE100R12 PN7350735, 2 pcs Hydraulic hose, 3/4"Ø x 1160mm with fittings on both ends, SAE100R12 PN7350759, 2 pcs Hydraulic hose, 3/4"Ø x 1700mm with fittings on both ends, SAE100R12 PN7351146, 1 pc Hydraulic hose, 1/4"Ø x 520mm with fittings on both ends, SAE100R2 PN8716452, 2 pcs Hydraulic hose, 1/4"Ø x 350mm with fittings on both ends, SAE100R2 PN8708548, 1 pc Hydraulic hose, 3/8"Ø x 330mm with fittings on both ends, SAE100R2 PN7351150, 1 pc Hydraulic hose, 1/4"Ø x 800mm with fittings on both ends, SAE100R9 PN8708927, 2 pcs Hydraulic hose, 1"Ø x 2000mm with fittings on both ends, SAE100R11 PN7350790, 3 pcs Hydraulic hose, 3/4"Ø x 1950mm with fittings on both ends, SAE110R PN7350792, 1 pc Hydraulic hose, 3/4"Ø x 295mm with fittings on both ends, SAE100R1 PN7350793, 1 pc Hydraulic hose, 1/4"Ø x 1000mm with fittings on both ends, SAE100R PN8710198, 2 pcs Hydraulic Steel Pipeline, 1 1/4"Ø x 63" with fittings on both ends, SAE110R, 3 pcs Hydraulic Steel Pipeline, 3/4"Ø x 104" with fittings on both ends, SAE110R, 3 pcs Hydraulic Steel Pipeline, 3/4"Ø x 45" with fittings on both ends, SAE110R, 2 pcs Hydraulic Steel Pipeline, 1 1/4"Ø x 45" with fittings on both ends, SAE110R; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 2 Common Labor for 3 days</p>	<p>1.00 lumpsum</p>	<p>1.00 lumpsum</p>	
<p><b>XVIII.</b></p>	<p><b>Replacement of Hydraulic Hoses of Pilot House and Solenoid Valve</b></p>		



	<p>A. Replace with pilot house and solenoid valve hydraulic hoses using 3 pcs Hydraulic hose, 1/4"Ø x 800mm with fittings on both ends, SAE100R9 PN8708927, 1 pc Hydraulic hose, 1/4"Ø x 1000mm with fittings on both ends, SAE100R9 PN8710198, 1 pc Hydraulic hose, 3/8"Ø x 1100mm with fittings on both ends, SAE100R9 PN8716869, 1 pc Hydraulic hose, 3/8"Ø x 1170mm with fittings on both ends, SAE100R9 PN8716884, 2 pcs Hydraulic hose, 1/4"Ø x 5000mm with fittings on both ends, SAE100R PN7350783, 1 pc Hydraulic hose, 1/4"Ø x 5000mm with fittings on both ends, SAE110R, 2 pcs Hydraulic hose, 1/4"Ø x 2800mm with fittings on both ends, SAE110R, 2 pcs Hydraulic hose, 3/8"Ø x 250mm with fittings on both ends, SAE100R2 PN7351082, 1 pc Hydraulic hose, 1/4"Ø x 800mm with fittings on both ends, SAE100R2 PN8708927, 1 pc Hydraulic hose, 3/8"Ø x 600mm with fittings on both ends, SAE100R2 PN7350787, 1 pc Hydraulic hose, 3/8"Ø x 2400mm with fittings on both ends, SAE100R PN8716445, 1 pc Hydraulic hose, 3/8"Ø x 850mm with fittings on both ends, SAE100R2 PN8716927, 2 pcs Hydraulic hose, 1/4"Ø x 145mm with fittings on both ends, SAE100R PN7350781, 2 pcs Hydraulic hose, 1/4"Ø x 1000mm with fittings on both ends, SAE100R PN8710198, 1 pc Hydraulic hose, 1/4"Ø x 520mm with fittings on both ends, SAE100R2 PN8708927, 2 pcs Hydraulic hose, 1/4"Ø x 750mm with fittings on both ends, SAE100R9 PN7351098, 4 pcs Hydraulic hose, 1/4"Ø x 600mm with fittings on both ends, SAE100R9 PN7351099, and 1 pc Hydraulic hose, 1/4"Ø x 520mm with fittings on both ends, SAE100R9 PN7351099; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 2 Common Labor for 3 days</p>	1.00 lumpsum	1.00 lumpsum	
<b>XIX.</b>	<b>Engine Overhauling and Calibration</b>			
	A, Dis-assemble & unship to radiator shop, radiator assembly for proper	1.00 lumpsum	1.00 lumpsum	

	rehabilitation & assemble back in good order upon completion of work. Includes Radiator general overhauling, and using 2 pcs Upper & lower hoses w/ clamp, 18 ltrs Coolant and 1 pc Fan Belt			
	B. Replace engine valve seat and guide, crankshaft bearing, camshaft bushing, connecting rod bearing, piston ring, and cylinder head. Machine crankshaft to restore proper tolerances. Using 1 set Valve Seat, 12 pcs Valve Guide, 1 set Crankshaft Bearing, 1 set Camshaft Bushing, 1 set Connecting Rod Bearing, 1 set Piston Ring and 1 set Cylinder Head, Overhauling Gasket; includes 1 job Machining of crankshaft	1.00 lumpsum	1.00 lumpsum	
	C. Conduct Engine Tune-up, replace filters using 50 liters Engine Oil on site, 300 liters Hydraulic Oil on site, 500 Liters Fuel on site, 4 pcs Hydraulic Return Filter, 1 pc Hydraulic Pilot Filter, 1 pc Hydraulic Drain Filter, 1 pc Hydraulic Breather Filter, 1 pc Engine, Oil Filter, 1 pc Engine, Fuel Filter, 1 pc Engine, Water Separator, 1 pc Air Cleaner, Inner, 1 pc Air Cleaner, outer; Labor consisting of 1 Foreman for 10 days, 1 Heavy Equipment Mechanic for 10 days and 1 Common Labor for 10 days; includes 1 job Engine Tune up and Calibration	1.00 lumpsum	1.00 lumpsum	
	D. Replacement of electric fuel pump using 1 unit Electric Fuel Pump. PN7650689	1.00 lumpsum	1.00 lumpsum	
<b>XX.</b>	<b>Repair of Centralized Automatic Lubrication Distribution System</b> A. Conduct general repair on said unit, to put back to its original function using 200m Copper Tubing, 4 mm Ø, 200m Flexible hose, 4 mm, I.D, 1/2" O.D., 10 units Distribution Valve (Box Type) (as per sample) w/ fittings., 50 pcs Fittings ( Male & Female) (as per sample); Labor consisting of 1 Supervisor for 5 days, 1 Hydraulic Mechanic for 5 days, and 1 Common Labor for 5 days	1.00 lumpsum	1.00 lumpsum	
<b>XXI.</b>	<b>Operator's Cabin Works</b> A. Conduct repair of Air conditioning unit of dredge (on Board) and Air conditioning unit cover. Unship to air	1.00 lumpsum	1.00 lumpsum	

	conditioning shop for repair & install back to dredge & test for proper performance after completion of work. Using 1 unit Air conditioning unit			
	B. Replacement of window washer fluid reservoir & Crop-out and renew deteriorated cover of window washer fluid reservoir using 1 pc Window Washer Fluid Reservoir	1.00 lumpsum	1.00 lumpsum	1.00 lumpsum
	C. Crop-out and renew deteriorated portion of driver's cabin using yard supplied materials, allow a total area of approximately 4 sq. m. using 2 pcs Steel Plate, SAE4140 4.0 mm x 4' x 8', 2 boxes Welding Rod, Super C2 @ 10 kilos/box, 2 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), and 4 pcs Grinding Stone; Labor consisting of 1 Supervisor for 3 days, 2 Welders for 3 days, 1 Fitter for 3 days, and 4 Common Labor for 3 days	1.00 lumpsum	1.00 lumpsum	1.00 lumpsum
	D. Replacement of Dashboard Gauges Complete LCD Assembly and Gauges including installation and programming	1.00 lumpsum	1.00 lumpsum	1.00 lumpsum
<b>XXII.</b>	<b>Electrical Works</b>			
	A. Check, clean and test the battery electrical connection & lines. Repair damaged connection lines using 4 pcs Battery terminal clamp, 10 meters Battery cable, 16mm, 1 pc Main current switch (DC), 1 box Main current fuse, 50A, 24V, 1 box Preheater fuse, 100A, 24v, 3 meters Ground cable, #14, and 2 pcs Battery, 12V, 2D; Labor consisting of 1 Electrician for 5 days and 1 Common Labor for 5 days	1.00 lumpsum	1.00 lumpsum	1.00 lumpsum
	B. Replacement of busted work lights using 15 pcs Marine bulb	1.00 lumpsum	1.00 lumpsum	1.00 lumpsum
<b>XXIII.</b>	<b>Replacement of Hydraulic Cooler Hoses</b>			
	A. Replace with hydraulic cooler hoses using 2 pcs Hydraulic hose, 3/4"Ø x 1450 mm with fittings on both ends, SAE100R, PN7350782, 1 pc Hydraulic hose, 1/2"Ø x 800 mm with fittings on both ends, SAE100R9, PN2902930, 1 pc Hydraulic hose, 1/2"Ø x 730 mm with fittings on both ends, SAE100R9, PN7350957, 1 pc Hydraulic hose, 1/2"Ø x 2500 mm with fittings on both ends, SAE100R9,	1.00 lumpsum	1.00 lumpsum	1.00 lumpsum

	<p>PN7350798, 1 pc Hydraulic hose, 1/2"Ø x 500 mm with fittings on both ends, SAE100R9, PN8716774, 1 pc Hydraulic steel pipeline, 1 1/4"Ø x 110" with fittings on both ends, SAE110R; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 1 Common Labor for 3 days</p>			
<b>XXIV.</b>	<p><b>Hull Prevention Works</b></p> <p>A. Paint hull by airless spray using yard supplied paints with the following scheme:</p> <ol style="list-style-type: none"> <li>1. One (1) coat Anti Corrosive (AC) from keel to deck line, allow 50 sq. m</li> <li>2. One (1) coat Anti Fouling (AF) from bottom to deck line, allow 50 sq. m.</li> <li>3. One (1) coat AC from keel to load line, allow 20 sq. m.</li> <li>4. One (1) coat AC from load line to deck line, allow 30 sq. m.</li> </ol> <p>Using 5 gals Anti Corrosive Paint (AC), 3 gals Anti fouling Paint (AF), 2 gals Boot Topping Paint (BT), 4 gals Epoxy Paint Green, 3 gals Epoxy Paint Black, 4 gals Epoxy Paint White, 2 gals Epoxy Paint Yellow, 9 gals Red Lead Oxide primer, 18 gals Paint Thinner, Lacquer, 25 pads Sand Paper #120, 25 pads Sand Paper #300, 25 pcs Masking Tape, and 4 pcs Paint Brush 2"; Labor consisting of 1 Foreman for 20 days, 2 Painters for 20 days, 2 Common Labor for 20 days with rental for Compressor w/ Spray gun for 20 days</p>	1.00 lumpsum	1.00 lumpsum	1.00 lumpsum
<b>XXV.</b>	<p><b>Performance Trial</b></p> <p>A. Conduct performance trial for at least four (4) operating hours, in the presence of Dredge personnel on board, Regional Inspectorate team, COA &amp; DPWH-BOE-FED representative upon completion of work. Diesel fuel &amp; lubricating Oil &amp; other lubricants must be provided by the contractor. Using 510 liters Diesel Fuel, 300 liters Hydraulic Oil AW68, 25 liters Engine Oil 15w-40, 25 tubes Grease NLGI No. 2, 2 pails Multi-purpose Grease, and 6 liters Gear Oil</p>	1.00 lumpsum	1.00 lumpsum	1.00 lumpsum
<b>XXVI.</b>	<p><b>Demobilization</b></p> <p>A. Reassembly of main hull, side stabilizer floats, side pontoons and</p>	1.00 lumpsum	1.00 lumpsum	1.00 lumpsum

	loading of the Dredging Equipment for hauling to designated dredging site using 1 Unit Hydraulic Crane for 3 days, 1 Tractor with Low Bed for 2 days; Labor consisting of 1 Foreman for 5 days, 1 Crane Operator for 3 days, 1 Heavy Equipment Operator for 2 days, and 4 Common Labor for 5 days.			
	X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X			

\_\_\_\_\_  
 (Signature Over Printed Name of Authorized Representative)

\_\_\_\_\_  
 (Designation)

\_\_\_\_\_  
 (Name of Bidder/Company)

## Section VII. Technical Specifications

### Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

#### **Sample Clause: Equivalency of Standards and Codes**

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "*or at least equivalent.*" References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

# Technical Specifications

Item	Specification	Statement of Compliance
		<p><i>[Bidders must state here 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 Bidder's 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 applicable laws and issuances.]</i></p>
<b>I.</b>	<p><b>Mobilization</b> Dismantling of main hull, side stabilizer floats, side pontoons and loading of the Dredging Equipment for hauling to designated dry-docking facility using 1 Unit Hydraulic Crane for 3 days, 1 Tractor with Low Bed for 2 days; Labor consisting of 1 Foreman for 5 days, 1 Crane Operator for 3 days, 1 Heavy Equipment Operator for 2 days, and 4 Common Labor for 5 days.</p>	
<b>II.</b>	<p><b>Docking &amp; Undocking Services</b> Dock &amp; Undocked Vessel for inspection &amp; repair, Wharfage fee for 30 days, Connect shore powerline to vessel assuming 200 Kw-hr, Connect fresh water line to vessel assuming 150 cu. m, Mooring and Unmooring allowing 2 moves</p>	
<b>III.</b>	<p><b>General Services</b> Conduct hammer test on port &amp; starboard side hull and conduct ultrasonic gauging. Allow 15 spots for side platings, 10 spots for main deck platings and 15 spots for bottom platings; Labor consisting of 1 UTG Technician for 3 days and 2 Common Labor for 3 days.</p>	
<b>IV.</b>	<p><b>Hull Treatment</b> A. Scrape barnacles &amp; marine growths from Keel to Deckline allowing 50 sq. m; Labor consisting of 1 Foreman for 2 days and 4 Common Labor for 1 day. B. Hydro blast to remove mineral deposit &amp; contaminants using high power jet @2000 psi. from keel to deck line. Allow 50 sq.m; Labor consisting of 1 Operator for 1 day and 4 Common Labor for 1 day</p>	



V.	<b>Hull and Main Deck Replating Works</b>	A. Crop-out & renew weak deterioration portion of main bottom hull platings using yard supplied materials & allow a total area of approximately 30 sq. m. using 10 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 6.0 mm, 5 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), and 10 pcs Grinding Stone; Labor consisting of 1 Supervisor for 25 days, 2 Welders for 25 days, 2 Fitters for 15 days, and 4 Common Labor for 25 days.	
	B. Crop-out & renew weak & deteriorated portion of portside & starboard side platings using yard supplied materials, allow a total area of approximately 18 sq. m. using 8 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 5.0mm, 3 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), 6 pcs Grinding Stone, and 4 pcs Mild Steel Plate 6.0 mm x 4' x 8'; Labor consisting of 1 Supervisor for 20 days, 2 Welders for 20 days, 2 Fitters for 10 days, and 4 Common Labor for 20 days.		
	C. Crop-out, renew weak deteriorated bottom shell framing using yard supplied materials, allow a total of 250 kgs. Approximately 40 LM of Angle Bars & Flat Bars. using 250 kgs of Angle Bars 3/8" x 3" x 20 ft. and Flat Bars 3/8" x 3" x 20 ft., 10 pcs Grinding Stone, 2 boxes Welding Rod, Super C2 @ 10 kilos/box, 4 tanks Oxygen (contents only) and 4 tanks Acetylene (contents only); Labor consisting of 1 Supervisor for 20 days, 2 Welders for 20 days, 2 Fitters for 10 days, and 4 Common Labor for 20 days.		
	D. Crop-out & renew weak deteriorated portion of main deck platings using yard supplied materials & allow a total area of approximately 30 sq. m. using 10 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 4.0mm, 5 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 8 tanks Acetylene (contents only), and 10 pcs Grinding Stone; Labor consisting of 1 Supervisor for 25 days, 2 Welders for 25 days, 2 Fitters for 15 days, and 4 Common Labor for 25 days.		
VI.	<b>Floater Replating Works</b>	A. Replace two (2) units stabilizer float assemblies using 2 assy Front Stabilizer Float Assembly PN: 7350678.	
	B. Crop-out & renew weak deteriorated portion of side pontoon platings starboard and portside using yard supplied materials & allow a total area of approximately 24 sq. m. using 8 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 5.0mm, 5 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 8 tanks Acetylene (contents only), and 10 pcs Grinding Stone; Labor		

	consisting of 1 Supervisor for 25 days, 2 Welders for 25 days, 2 Fitters for 15 days, and 4 Common Labor for 25 days.	
	C. Crop-out, renew deteriorated side pontoon shell framing using yard supplied materials, allow a total of 170 kgs. using 250 kgs of Angle Bars, 3/8" x 3" x 3" x 20 ft., 2 pcs Grinding Stone, 4 boxes Welding Rod, Super C2 @ 10 kilos/box, 4 tanks Oxygen (contents only), 1 tank Acetylene (contents only) and 4 pcs Shell Expansion Plan; Labor consisting of 1 Supervisor for 20 days, 2 Welders for 20 days, 2 Fitters for 10 days, and 4 Common Labor for 20 days.	
<b>VII.</b>	<b>Deck Works</b>	
	A. On Board Hydraulic Pipe line replacement, using 6 pcs Reducer 1"Ø to 1/2"Ø, 10 pcs Couplings 1/2"Ø, 10 pcs Couplings 1" Ø, 10 pcs Elbows 1/2" Ø x 90°, 10 pcs Elbows 1" Ø x 90°, 6 pcs T-couplings 1"Ø, and 6 pcs T-couplings 1/2" Ø; Labor consisting of 1 Supervisor for 6 days, 2 Hydraulic pipe technician for 6 days, and 2 Common Labor for 6 days.	
	B. Crop-out renew deteriorated portion of the Engine Room and doors using yard supplied materials & allow a total area of approximately 11 sq. m. using 4 pcs Steel Plate SAE4140, 4.0 mm x 4' x 8', 3 boxes Welding Rod, Super C2 @ 10 kilos/box, 5 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), and 6 pcs Grinding Stone; Labor consisting of 1 Supervisor for 10 days, 2 Welders for 10 days, 2 Fitters for 5 days, and 4 Common Labor for 10 days.	
	C. Crop-out renew deteriorated portion of the Main deck railings using yard supplied materials & allow a total length of approximately 52 ft. using 1 pc Tubular Steel G.I., 2" x 2" x 20', 1 pc Tubular Steel G.I., 2" x 1" x 20', 1 box Welding Rod, Super C2 @ 10 kilos/box, 1 tank Oxygen (contents only), 1 tank Acetylene (contents only), and 2 pcs Grinding Stone; Labor consisting of 1 Supervisor for 10 days, 2 Welders for 10 days, 2 Fitters for 5 days, and 4 Common Labor for 10 days.	
	D. Replace onboard hydraulic steel pipe using 2 pcs Hydraulic Steel Pipeline 1 1/4"Ø x 133" with fittings on both ends SAE 110R, 1 pc Hydraulic Steel Pipeline 1"Ø x 133" with fittings on both ends SAE 110R, and 1 pc Hydraulic Steel Pipeline 3/4"Ø x 135" with fittings on both ends SAE 110R; Labor consisting of 1 Supervisor for 1 day, 1 Hydraulic Mechanic for 1 day, and 1 Common Labor for 1 day.	
<b>VIII.</b>	<b>Repair/Replace Discharge Pipe</b>	
	A. Replacement of Pressure Gauge at Discharge Pipe and Cutter Suction using 3 pcs Pressure Gauge 400 bar	
	B. Replacement base of on board discharge using 3 sets of base of on board discharge	

	<p>C. Replacement of on board discharge pipe using 1 pc 8" dia. x 1/2" thick x 20' with Flanges both ends discharge pipe, 1 box Welding Rod, Super C2 @ 10 kilos/box, 1 tank Oxygen (contents only), 1 tank Acetylene (contents only), and 3 pcs Grinding Stone; Labor consisting of 1 Foreman for 3 days, 1 Welder for 2 days and 2 Common Labor for 3 days.</p> <p>D. Replacement of discharge hose holder using 2 pcs Discharge Hose Holder</p> <p>E. Replacement of on-board flexible discharge pipe using 1 pc Flexible pipe 6"Ø x 78" 8ply 8 wire, 1 pc Flexible pipe 6"Ø x 190" 8ply 8 wire, 1 pc Flexible pipe 6"Ø x 180" 8ply 8 wire, 15 pcs Clamp 8"Ø x 3/4" width x 5/16" thick stainless steel, and 1 pc Adapter</p>
<b>IX.</b>	<p><b>Repair/Replacement of Propulsion Unit</b></p> <p>A. Repair/ Replacement of Propulsion Unit, test for proper performance upon completion of work using 1 assy Steering Cylinder Assy. PN2898205, 1 assy Levelling Cylinder Assy. PN2898206, 1 pc Pin of Propeller Swing Rack PN7650316, 2 pcs Pin Bushing of Propeller Swing Rack PN7650311, 2 pcs Bearing Plate of Propeller Swing Rack PN7650315, 1 pc Seal Propeller Motor, 2 pcs Pin of Cylinder Propeller Levelling PN7650316, 2 pcs Ring of Pin Levelling Cylinder PN7605133, 1 pc Swing Rack propeller PN7350086, 1 pc Hydraulic Hose 1/2"Ø x 3000 mm SAE100R1 Propeller Motor Return PN7350732, 2 pcs PN7350730, 4 pcs Fitting 3/8"Ø Propeller Levelling Cylinder PN2906550, 1 pc Hydraulic Hose 3/8"Ø x 1050 mm SAE100 Propeller Steering PN7651923, 1 pc Hydraulic Hose 3/8"Ø x 1300 mm SAE100, Propeller Steering PN7650355, 2 pcs Fitting 1/4"Ø Propeller Steering Cylinder PN2559345, 1 pc Hydraulic Hose 3/8"Ø x 1300 mm SAE100R Propeller Levelling PN7650355, 1 pc Zinc Anode PN2898287, 2 pcs Zinc Anode PN2898288, and 1 set Seal Kit, Steering Cylinder. PN2914879; Labor consisting of 1 Supervisor for 20 days, 2 Hydraulic Pipe Technicians for 15 days and 2 Common Labors for 20 days.</p> <p><b>Repair of Port Side and Starboard Side Front Stabilizer Cylinders</b></p> <p>A. Repair of Two (2) Units Starboard and Portside Stabilizer Cylinders using 4 pcs Ball joint bushing w/ housing, 2 units Hydraulic cylinder piston rod hard chrome PN7301795, 8 pcs Lock Ring (for ball joint) PN2595332, and Grease Nipple PN2906790; Labor consisting of 1 Foreman for 7 days, 1 Heavy Equipment Mechanic for 7 days and 1 Common Labor for 8 days.</p> <p>B. Replace with front stabilizer hydraulic hoses and steel pipeline using 2 pcs Hydraulic hose,</p>
<b>X.</b>	

	<p>1/4"Ø x 1000mm with fittings on both ends SAE110R PN8710207, 2 pcs Hydraulic hose, 1/2"Ø x 2300mm with fittings on both ends SAE110R PN7350789, 2 pcs Hydraulic Steel Pipeline, 1/2"Ø x 20" with fittings on both ends SAE 110R, 2 pcs Hydraulic Steel Pipeline, 1/2"Ø x 21" with fittings on both ends SAE 110R and 2 sets Seal Kit, PN2906790; Labor consisting of 1 Supervisor for 1 day, 1 Hydraulic Mechanic for 1 day and 1 Common Labor for 1 day</p>
<b>XI.</b>	<p><b>Repair of Arm Cylinder</b></p> <p>A. Replace Arm Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 3/4"Ø x 2150mm with fittings on both ends SAE100R12 PN7350768, 2 pcs Hydraulic hose, 3/4"Ø x 1830mm with fittings on both ends SAE100R12 PN7350762, Hydraulic steel pipeline, 1/2"Ø x 28" with fittings on both ends SAE110R and 1 set Seal Kit, PN2916950; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 1 Common Labor for 3 days</p> <p>B. Replace pivot pin of arm cylinder using 1 pc Pivot pin of arm cylinder 50 mm Ø x 180 mm PN8833023 and 1 pc Pivot pin of arm cylinder, 50 mm Ø x 270 mm PN8833021</p>
<b>XII.</b>	<p><b>Repair of Port Side and Starboard Side Spud Cylinders</b></p> <p>A. Replace Starboard and Port Side Spud hydraulic hoses and steel pipeline using 6 pcs Hydraulic hose, 1/2"Ø x 1150mm with fittings on both ends SAE100R9 PN7351079, 2 pcs Hydraulic hose, 1/4"Ø x 1760mm with fittings on both ends SAE100R2 PN7351128, 2 pcs Hydraulic hose, 1/2"Ø x 1000mm with fittings on both ends SAE100R9 PN7351151, 4 pcs Hydraulic Steel Pipeline, 1/2"Ø x 142" with fittings on both ends SAE110R, and 2 sets Seal Kit, PN2916947; Labor consisting of 1 Supervisor for 2 days, 1 Hydraulic Mechanic for 2 days and 1 Common Labor for 2 days</p> <p>B. Replace Port Side Chrome Cylinder Rod using 1 pc Cylinder Rod Spud PN7351214</p>
<b>XIII.</b>	<p><b>Repair of Boom Cylinder</b></p> <p>A. Replace with Boom Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 3/4"Ø x 2150mm with fittings on both ends, SAE100R12 PN7350768, 2 pcs Hydraulic hose, 3/4"Ø x 1000mm with fittings on both ends, SAE100R12 PN7350768 and 1 set Seal Kit, PN2916949; Labor consisting of 1 Supervisor for 1 day, 1 Hydraulic Mechanic for 1 day and 1 Common Labor for 1 day</p> <p>B. Replace pivot pin of boom cylinder using 1 pc Pivot pin of boom cylinder, 60 mm Ø x 168 mm, PN8717014, 1 pc Pivot pin of boom cylinder, 60 mm Ø x 230 mm, PN8717003 and 1 pc Cylinder Rod Boom, PN7351226</p>

XIV.	<p><b>Repair of Starboard Side and Port Side Tilt Cylinders</b></p> <p>A. Replace with tilt hydraulic hoses using 2 pcs Hydraulic hose, 1/2"Ø x 570mm with fittings on both ends, SAE100R9 PN7351152, 2 pcs Hydraulic hose, 1/2"Ø x 1350mm with fittings on both ends, SAE100R9 PN8714823 and 2 sets Seal Kit, PN3329546; Labor consisting of 1 Supervisor for 2 days, 1 Hydraulic Mechanic for 2 days and 1 Common Labor for 2 days</p>	
XV.	<p><b>Repair of Left and Right Swing Cylinders</b></p> <p>A. Replace with Swing Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 1/2"Ø x 720mm with fittings on both ends, SAE100R9 PN7351147, 1 pc Hydraulic hose, 1/2"Ø x 730mm with fittings on both ends, SAE100R9 PN7350957, 1 pc Hydraulic hose, 1/2"Ø x 900mm with fittings on both ends, SAE100R9 PN7350956, 2 pcs Hydraulic hose, 1/2"Ø x 690mm with fittings on both ends, SAE100R9 PN7350765 and 2 sets Seal Kit, PN2916472; Labor consisting of 1 Supervisor for 2 days, 1 Hydraulic Mechanic for 2 days and 1 Common Labor for 2 days</p>	
XVI.	<p><b>Repair of Bucket Cylinder</b></p> <p>A. Repair of Bucket Cylinder using 4 pcs Ball joint bushing w/ housing (as per sample), 8 pcs Lock Ring (for ball joint), PN2595332, 4 pcs Grease Nipple, 1 pc Cylinder Rod, Bucket, PN7351234 and 1 set Seal Kit, PN3329546; Labor consisting of 1 Foreman for 7 days, 1 Heavy Equipment Mechanic for 7 days and 2 Common Labor for 7 days</p> <p>B. Replace with Bucket Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 3/4"Ø x 2150mm with fittings on both ends, SAE100R12 PN7350768, 2 pcs Hydraulic hose, 3/4"Ø x 1430mm with fittings on both ends, SAE100R12 PN7350760, 1 pc Hydraulic hose, 3/4"Ø x 630mm with fittings on both ends, SAE100R12 PN7350736 and 1 pc Hydraulic hose, 3/4"Ø x 1160mm with fittings on both ends, SAE100R12 PN7350759 Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 2 Common Labor for 3 days</p> <p>C. Replace pivot pins of bucket cylinder using 1 pc Pivot pin of bucket cylinder, 60mm Ø x 354mm, PN8833018, 1 pc Pivot pin of bucket cylinder, 50mm Ø x 110mm, PN8833027, 1 pc Pivot pin of bucket cylinder, 50mm Ø x 98mm, PN7652879, 1 pc Pivot pin of bucket cylinder, 50mm Ø x 395mm, PN7651578, 1 pc Pivot pin of bucket cylinder, PN7650423 and 1 pc Pivot pin of bucket cylinder, 50mm Ø x 260mm, PN7652789</p>	

<b>XVII.</b>	D. Replace entire Bucket Assembly using 1 assy Bucket Assembly, PN7250115	
<b>XVII.</b>	<p><b>Repair of Cutter Pump</b></p> <p>A. Repair of Cutter Pump Head Assy. Using 1 pc Bearing, Dredge Pump Housing PN2861308, 1 pc Sleeve, Dredge Pump Housing, 2 pcs Bearings, Dredge Pump Housing PN7653081, 1 pc Intermediate sleeve, 1 pc O-Ring PN 2617230, 2 pcs Correr Pin, 1 pc O-Ring PN 2916965, 1 pc O-Ring PN 2916566, 1 pc Flow Indicator, 1 pc Quick Coupling, 2 pcs Fittings, 1 pc Nipple Fitting; Labor consisting of 1 Foreman for 4 days, 1 Heavy Equipment Mechanic for 4 days and 2 Common Labor for 4 days</p> <p>B. Replace with new Cutter Suction hydraulic hoses and Steel Pipeline using</p> <p>2 pcs Hydraulic hose, 1"Ø x 1330mm with fittings on both ends, SAE100R11 PN7350764, 2 pcs Hydraulic hose, 3/4"Ø x 1300mm with fittings on both ends, SAE100R12 PN7350735, 2 pcs Hydraulic hose, 3/4"Ø x 1160mm with fittings on both ends, SAE100R12 PN7350759, 2 pcs Hydraulic hose, 3/4"Ø x 1700mm with fittings on both ends, SAE100R12 PN7351146, 1 pc Hydraulic hose, 1/4"Ø x 520mm with fittings on both ends, SAE100R2 PN8716452, 2 pcs Hydraulic hose, 1/4"Ø x 350mm with fittings on both ends, SAE100R2 PN8708548, 1 pc Hydraulic hose, 3/8"Ø x 330mm with fittings on both ends, SAE100R2 PN7351150, 1 pc Hydraulic hose, 1/4"Ø x 800mm with fittings on both ends, SAE100R9 PN8708927, 2 pcs Hydraulic hose, 1"Ø x 2000mm with fittings on both ends, SAE100R11 PN7350790,</p> <p>3 pcs Hydraulic hose, 3/4"Ø x 1950mm with fittings on both ends, SAE110R PN7350792, 1 pc Hydraulic hose, 3/4"Ø x 295mm with fittings on both ends, SAE100R1 PN7350793, 1 pc Hydraulic hose, 1/4"Ø x 1000mm with fittings on both ends, SAE100R PN8710198, 2 pcs Hydraulic Steel Pipeline, 1 1/4"Ø x 63" with fittings on both ends, SAE110R, 3 pcs Hydraulic Steel Pipeline, 3/4"Ø x 104" with fittings on both ends, SAE110R, 2 pcs Hydraulic Steel Pipeline, 1 1/4"Ø x 45" with fittings on both ends, SAE110R, 2 pcs Hydraulic Steel Pipeline, 1 1/4"Ø x 45" with fittings on both ends, SAE110R; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 2 Common Labor for 3 days</p>	
<b>XVIII.</b>	<p><b>Replacement of Hydraulic Hoses of Pilot House and Solenoid Valve</b></p> <p>A. Replace with pilot house and solenoid valve hydraulic hoses using 3 pcs Hydraulic hose, 1/4"Ø x 800mm with fittings on both ends, SAE100R9 PN8708927, 1 pc Hydraulic hose, 1/4"Ø x</p>	

	<p>1000mm with fittings on both ends, SAE100R9 PN8710198, 1 pc Hydraulic hose, 3/8"Ø x 1100mm with fittings on both ends, SAE100R9 PN8716869, 1 pc Hydraulic hose, 3/8"Ø x 1170mm with fittings on both ends, SAE100R9 PN8716884, 2 pcs Hydraulic hose, 1/4"Ø x 5000mm with fittings on both ends, SAE100R PN7350783, 1 pc Hydraulic hose, 1/4"Ø x 5000mm with fittings on both ends, SAE110R, 2 pcs Hydraulic hose, 1/4"Ø x 2800mm with fittings on both ends, SAE110R, 2 pcs Hydraulic hose, 3/8"Ø x 250mm with fittings on both ends, SAE100R2 PN7351082, 1 pc Hydraulic hose, 1/4"Ø x 800mm with fittings on both ends, SAE100R2 PN8708927, 1 pc Hydraulic hose, 3/8"Ø x 6000mm with fittings on both ends, SAE100R2 PN7350787, 1 pc Hydraulic hose, 3/8"Ø x 2400mm with fittings on both ends, SAE100R PN8716445, 1 pc Hydraulic hose, 3/8"Ø x 850mm with fittings on both ends, SAE100R2 PN8716927, 2 pcs Hydraulic hose, 1/4"Ø x 145mm with fittings on both ends, SAE100R PN7350781, 2 pcs Hydraulic hose, 1/4"Ø x 1000mm with fittings on both ends, SAE100R PN8710198, 1 pc Hydraulic hose, 1/4"Ø x 520mm with fittings on both ends, SAE100R2 PN8708927, 2 pcs Hydraulic hose, 1/4"Ø x 750mm with fittings on both ends, SAE100R9 PN7351098, 4 pcs Hydraulic hose, 1/4"Ø x 600mm with fittings on both ends, SAE100R9 PN7351099, and 1 pc Hydraulic hose, 1/4"Ø x 520mm with fittings on both ends, SAE100R9 PN7351099; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 2 Common Labor for 3 days</p>	
<b>XIX.</b>	<b>Engine Overhauling and Calibration</b>	
	<p>A. Dis-assemble &amp; unship to radiator shop, radiator assembly for proper rehabilitation &amp; assemble back in good order upon completion of work. Includes Radiator general overhauling, and using 2 pcs Upper &amp; lower hoses w/ clamp, 18 ltrs Coolant and 1 pc Fan Belt</p>	
	<p>B. Replace engine valve seat and guide, crankshaft bearing, camshaft bushing, connecting rod bearing, piston ring, and cylinder head. Machine crankshaft to restore proper tolerances. Using 1 set Valve Seat, 12 pcs Valve Guide, 1 set Crankshaft Bearing, 1 set Camshaft Bushing, 1 set Connecting Rod Bearing, 1 set Piston Ring and 1 set Cylinder Head, Overhauling Gasket; includes 1 job Machining of crankshaft</p>	
	<p>C. Conduct Engine Tune-up, replace filters using 50 liters Engine Oil on site, 300 liters Hydraulic Oil on site, 500 Liters Fuel on site, 4 pcs Hydraulic Return Filter, 1 pc Hydraulic Pilot Filter, 1 pc</p>	

	Hydraulic Drain Filter, 1 pc Hydraulic Breather Filter, 1 pc Engine, Oil Filter, 1 pc Engine, Fuel Filter, 1 pc Engine, Water Separator, 1 pc Air Cleaner, Inner, 1 pc Air Cleaner, outer; Labor consisting of 1 Foreman for 10 days, 1 Heavy Equipment Mechanic for 10 days and 1 Common Labor for 10 days; includes 1 Job Engine Tune up and Calibration	
	D. Replacement of electric fuel pump using 1 unit Electric Fuel Pump, PN7650689	
<b>XX.</b>	<b>Repair of Centralized Automatic Lubrication Distribution System</b> A. Conduct general repair on said unit, to put back to its original function using 200m Copper Tubing, 4 mm Ø, 200m Flexible hose, 4 mm, I.D, 1/2" O.D., 10 units Distribution Valve (Box Type) (as per sample) w/ fittings., 50 pcs Fittings ( Male & Female) (as per sample); Labor consisting of 1 Supervisor for 5 days, 1 Hydraulic Mechanic for 5 days, and 1 Common Labor for 5 days	
<b>XXI.</b>	<b>Operator's Cabin Works</b> A. Conduct repair of Air conditioning unit of dredge (on Board) and Air conditioning unit cover. Unship to air conditioning shop for repair & install back to dredge & test for proper performance after completion of work. Using 1 unit Air conditioning unit B. Replacement of window washer fluid reservoir & Crop-out and renew deteriorated cover of window washer fluid reservoir using 1 pc Window Washer Fluid Reservoir C. Crop-out and renew deteriorated portion of driver's cabin using yard supplied materials, allow a total area of approximately 4 sq. m. using 2 pcs Steel Plate, SAE4140 4.0 mm x 4' x 8', 2 boxes Welding Rod, Super C2 @ 10 kilos/box, 2 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), and 4 pcs Grinding Stone; Labor consisting of 1 Supervisor for 3 days, 2 Welders for 3 days, 1 Fitter for 3 days, and 4 Common Labor for 3 days D. Replacement of Dashboard Gauges Complete LCD Assembly and Gauges including installation and programming	
<b>XXII.</b>	<b>Electrical Works</b> A. Check, clean and test the battery electrical connection & lines. Repair damaged connection lines using 4 pcs Battery terminal clamp, 10 meters Battery cable, 16mm, 1 pc Main current switch (DC), 1 box Main current fuse, 50A, 24V, 1 box Preheater fuse, 100A, 24v, 3 meters Ground cable, #14, and 2 pcs Battery, 12V, 2D; Labor consisting of 1 Electrician for 5 days and 1 Common Labor for 5 days B. Replacement of busted work lights using 15 pcs Marine bulb	
<b>XXIII.</b>	<b>Replacement of Hydraulic Cooler Hoses</b>	



	<p>A. Replace with hydraulic cooler hoses using 2 pcs Hydraulic hose, 3/4"Ø x 1450 mm with fittings on both ends, SAE100R, PN7350782, 1 pc Hydraulic hose, 1/2"Ø x 800 mm with fittings on both ends, SAE100R9, PN2902930, 1 pc Hydraulic hose, 1/2"Ø x 730 mm with fittings on both ends, SAE100R9, PN7350957, 1 pc Hydraulic hose, 1/2"Ø x 2500 mm with fittings on both ends, SAE100R9, PN7350798, 1 pc Hydraulic hose, 1/2"Ø x 500 mm with fittings on both ends, SAE100R9, PN8716774, 1 pc Hydraulic steel pipeline, 1 1/4"Ø x 110" with fittings on both ends, SAE110R; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 1 Common Labor for 3 days</p>	
<b>XXIV.</b>	<b>Hull Prevention Works</b>	
	<p>A. Paint hull by airless spray using yard supplied paints with the following scheme:</p> <ol style="list-style-type: none"> <li>1. One (1) coat Anti Corrosive (AC) from keel to deck line, allow 50 sq. m</li> <li>2. One (1) coat Anti Fouling (AF) from bottom to deck line, allow 50 sq. m.</li> <li>3. One (1) coat AC from keel to load line, allow 20 sq. m.</li> <li>4. One (1) coat AC from load line to deck line, allow 30 sq. m.</li> </ol> <p>Using 5 gals Anti Corrosive Paint (AC), 3 gals Anti fouling Paint (AF), 2 gals Boot Topping Paint (BT), 4 gals Epoxy Paint Green, 3 gals Epoxy Paint Black, 4 gals Epoxy Paint White, 2 gals Epoxy Paint Yellow, 9 gals Red Lead Oxide primer, 18 gals Paint Thinner, Lacquer, 25 pads Sand Paper #120, 25 pads Sand Paper #300, 25 pcs Masking Tape, and 4 pcs Paint Brush 2"; Labor consisting of 1 Foreman for 20 days, 2 Painters for 20 days, 2 Common Labor for 20 days with rental for Compressor w/ Spray gun for 20 days</p>	
<b>XXV.</b>	<b>Performance Trial</b>	
	<p>A. Conduct performance trial for at least four (4) operating hours, in the presence of Dredge personnel on board, Regional Inspectorate team, COA &amp; DPWH-BOE-FED representative upon completion of work. Diesel fuel &amp; lubricating Oil &amp; other lubricants must be provided by the contractor. Using 510 liters Diesel Fuel, 300 liters Hydraulic Oil A W68, 25 liters Engine Oil 15w-40, 25 tubes Grease NLGI No. 2, 2 pails Multi-purpose Grease, and 6 liters Gear Oil</p>	
<b>XXVI.</b>	<b>Demobilization</b>	
	<p>A. Reassembly of main hull, side stabilizer floats, side pontoons and loading of the Dredging Equipment for hauling to designated dredging site using 1 Unit Hydraulic Crane for 3 days, 1 Tractor with Low Bed for 2 days; Labor consisting of 1 Foreman for 5 days, 1 Crane Operator for 3 days, 1</p>	



# ***TERMS OF REFERENCE***

Procurement of Supplies, Parts and Services for the Dry-Docking and Repair of Multi-Purpose Amphibious Dredge with DPWH No. K3-08 (Watermaster Classic IV) currently located at Iloilo River, Iloilo City, Iloilo with a total amount of Thirteen Million Seven Hundred Three Thousand Eight Hundred Eighty Pesos only (**₱ 13,703,880.00**).

1. Delivery Term – **180 Calendar Days** upon receipt of Notice to Proceed (NTP).
2. The winning bidder is entitled to claim 15% Mobilization of the approved contract price, and process progress billing as per work accomplished as detailed and verified within the Statement of Work Accomplished (SWA).
3. All delivered supplies and parts shall be checked by the Dredge Master before installation or utilization for fabrication works. The Dredge Master has the right to reject materials not compliant with the minimum specifications as prescribed in the contract.
4. The contractor shall submit an Accomplishment Report monthly, detailing the accomplishments and progress on each scope of work detailed in the contract.
5. The contractor shall provide 1 year warranty on over-all workmanship on the equipment. The warranty shall cover all defects caused through normal usage of equipment. Labor and parts necessary for such defects shall be provided by the contractor.

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

### **Notes on the Checklist of Technical and Financial Documents**

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### *Class "A" Documents*

#### Legal Documents

(i) (a) Valid PhilGEPs Registration Certificate (Platinum Membership) (all pages) as per **GPB Resolution No. 15 series of 2021**;

- Registration certificate from SEC, DTI for sole proprietorship, or CDA for cooperatives.
- Mayor's/Business permit issued by the city or municipality where the principal place of business of the bidder is located, or the equivalent document for Exclusive Economic Zones or Areas.

A recently expired Mayor's permit, together with the official receipt as proof that the prospective bidder has applied for renewal within the period prescribed by the concerned local government unit shall be accepted by the PhilGEPs for the purpose of updating the PhilGEPs Certificate of Registration and Membership in accordance with Section 8.5.2 of this IRR.

For individual consultants not registered under a sole proprietorship, a BIR Certificate of Registration shall be submitted, in lieu of DTI registration and Mayor's/Business permit.

- Tax Clearance per Executive Order No. 398 series of 2005, as finally reviewed and approved by the BIR

#### Technical Documents

(b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**

(c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents with Inspection and Acceptance Report (for DPWH transactions), Sales Invoice, Approved Disbursement Voucher and other applicable documents;; **and**

(d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;

**or**

Original copy of Notarized Bid Securing Declaration; **and**

(e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, brochures of offered equipment, Warranty Certificate and/or after-sales/parts, if applicable; **and**

- (f) Original duly signed Omnibus Sworn Statement (OSS);  
and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- (g) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- (h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);
- or**  
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

***Class "B" Documents***

- (i) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;
- or**  
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

Note:

- ✓ For manual submission of bids, the Technical Documents is preferably book bounded.
- ✓ The contents of Technical Documents are preferably numbered/paginated consecutively in the right-hand top margin and signed below page number by duly authorized representative for both manual and electronic submission of bids.
- ✓ Any missing, incomplete or patently insufficient document in the required checklist is a ground for outright rejection (non-complying) of the bid

**II. FINANCIAL COMPONENT ENVELOPE**

- (a) Original of duly signed and accomplished Financial Bid Form; **and**
- (b) Original of duly signed and accomplished Price Schedule(s).

Note:

- ✓ For manual submission of bids, the Financial Documents is preferably book bounded.
- ✓ The contents of Financial Documents are preferably numbered/paginated consecutively in the right-hand top margin and signed below page number by duly authorized representative for both manual and electronic submission of bids.
- ✓ Any missing, incomplete or patently insufficient document in the required checklist is a ground for outright rejection (non-complying) of the bid

## *Section IX. Bidding Forms*

### **Notes on the Bidding Forms**

The Bidder shall complete and submit with its Bid the **Bid Form** and **Price Schedules** in accordance with **ITB Clause 0** with the requirements of the Bidding Documents and the format set out in this Section.

When requested in the BDS, the Bidder should provide the **Bid Security**, either in the form included hereafter or in another form acceptable to the Entity, pursuant to **ITB Clause 0**.

The **Contract Agreement Form**, when it is finalized at the time of contract award, should incorporate any corrections or modifications to the accepted Bid resulting from price corrections. The Price Schedule and Schedule of Requirements deemed to form part of the contract should be modified accordingly.

The **Performance Security Form** and **Bank Guarantee Form for Advance Payment** should not be completed by the Bidders at the time of their Bid preparation. Only the successful Bidder will be required to provide performance security and bank guarantee for advance payment in accordance with one of the forms indicated herein or in another form acceptable to the Procuring Entity and pursuant to **GCC Clause 13** and its corresponding SCC provision.

The sworn affidavit must be completed by all Bidders in accordance with **ITB Clause 4.2** failure to do so and submit it with the bid shall result in the rejection of the bid and the Bidder's disqualification.

# Bid Form

Date: \_\_\_\_\_  
Invitation to Bid<sup>2</sup> No: \_\_\_\_\_

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

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 *[supply/deliver/perform]* *[description of the Goods]* 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 0 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:<sup>3</sup>

Name and address Amount and Purpose of of agent Currency  
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 or any Bid you may receive.

<sup>2</sup> If ADB, JICA and WB funded projects, use IFB.

<sup>3</sup> Applicable only if the Funding Source is the ADB, JICA or WB.



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

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
*[signature]* *[in the capacity of]*  
Duly authorized to sign Bid for and on behalf of \_\_\_\_\_

(BID FORM (FINANCIAL PROPOSAL))

PRICE SCHEDULE FOR GOODS OFFERED

Date of Bid Opening: March 19, 2025

Contract ID: 24GG047

Contract Name: Procurement of Supplies, Parts and Services for the Dry-Docking and Repair of Multi-Purpose Amphibious Dredge with DPWH No. K3-08 (Watermaster Classic IV) currently located at Iloilo River, Iloilo City

1	2	3	4	5	6	7
Item No.	Description	ABC	Quantity /Unit	Unit Cost (Peso)	Total Cost (Peso)	Delivery Schedule
<b>I.</b>	<b>Mobilization</b>					
	Dismantling of main hull, side stabilizer floats, side pontoons and loading of the Dredging Equipment for hauling to designated dry-docking facility using 1 Unit Hydraulic Crane for 3 days, 1 Tractor with Low Bed for 2 days; Labor consisting of 1 Foreman for 5 days, 1 Crane Operator for 3 days, 1 Heavy Equipment Operator for 2 days, and 4 Common Labor for 5 days.		1.00	lumpsum		
<b>II.</b>	<b>Docking &amp; Undocking Services</b>					
	Dock & Undocked Vessel for inspection & repair, Wharfage fee for 30 days, Connect shore powerline to vessel assuming 200 Kw-hr, Connect fresh water line to vessel assuming 150 cu. m, Mooring and Unmooring allowing 2 moves		1.00	lumpsum		
<b>III.</b>	<b>General Services</b>					
	Conduct hammer test on port & starboard side hull and conduct ultrasonic gauging. Allow 15 spots for side platings, 10 spots for main deck platings and 15 spots for bottom platings; Labor consisting of 1 UTG Technician for 3 days and 2 Common Labor for 3 days.		1.00	lumpsum		

<b>IV.</b>	<b>Hull Treatment</b>						
	A. Scrape barnacles & marine growths from Keel to Deckline allowing 50 sq. m; Labor consisting of 1 Foreman for 2 days and 4 Common Labor for 1 day.		1.00	lumpsum			
	B. Hydro blast to remove mineral deposit & contaminants using high power jet @2000 psi. from keel to deck line. Allow 50 sq.m; Labor consisting of 1 Operator for 1 day and 4 Common Labor for 1 day		1.00	lumpsum			
<b>V.</b>	<b>Hull and Main Deck Replating Works</b>						
	A. Crop-out & renew weak deterioration portion of main bottom hull platings using yard supplied materials & allow a total area of approximately 30 sq. m. using 10 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 6.0 mm, 5 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), and 10 pcs Grinding Stone; Labor consisting of 1 Supervisor for 25 days, 2 Welders for 25 days, 2 Fitters for 15 days, and 4 Common Labor for 25 days.		1.00	lumpsum			
	B. Crop-out & renew weak & deteriorated portion of portside & starboardside side platings using yard supplied materials, allow a total area of approximately 18 sq. m. using 8 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 5.0mm, 3 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), 6 pcs Grinding Stone, and 4 pcs Mild Steel Plate 6.0 mm x 4' x 8'; Labor consisting of 1 Supervisor for 20 days, 2 Welders for 20 days, 2 Fitters for 10 days, and 4 Common Labor for 20 days.		1.00	lumpsum			
	C. Crop-out, renew weak deteriorated bottom shell framing using yard supplied materials, allow a total of 250 kgs. Approximately 40 LM of Angle Bars & Flat Bars. using 250 kgs of Angle Bars 3/8" x 3" x 3" x 20 ft. and Flat Bars 3/8" x 3" x 20 ft., 10 pcs Grinding Stone, 2 boxes Welding Rod, Super C2 @ 10 kilos/box, 4 tanks Oxygen (contents only) and 4 tanks		1.00	lumpsum			

	Acetylene (contents only); Labor consisting of 1 Supervisor for 20 days, 2 Welders for 20 days, 2 Fitters for 10 days, and 4 Common Labor for 20 days.					
	D. Crop-out & renew weak deteriorated portion of main deck platings using yard supplied materials & allow a total area of approximately 30 sq. m. using 10 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 4.0mm, 5 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 8 tanks Acetylene (contents only), and 10 pcs Grinding Stone; Labor consisting of 1 Supervisor for 25 days, 2 Welders for 25 days, 2 Fitters for 15 days, and 4 Common Labor for 25 days.		1.00	lumpsum		
<b>VI.</b>	<b>Floater Replating Works</b>					
	A. Replace two (2) units stabilizer float assemblies using 2 assy Front Stabilizer Float Assembly PN: 7350678.		1.00	lumpsum		
	B. Crop-out & renew weak deteriorated portion of side pontoon platings starboard and portside using yard supplied materials & allow a total area of approximately 24 sq. m. using 8 pcs Steel Plate SAE 4140-Heat Treated 4' x 8' x 5.0mm, 5 boxes Welding Rod, Super C2 @ 10 kilos/box, 8 tanks Oxygen (contents only), 8 tanks Acetylene (contents only), and 10 pcs Grinding Stone; Labor consisting of 1 Supervisor for 25 days, 2 Welders for 25 days, 2 Fitters for 15 days, and 4 Common Labor for 25 days.		1.00	lumpsum		
	C. Crop-out, renew deteriorated side pontoon shell framing using yard supplied materials, allow a total of 170 kgs. using 250 kgs of Angle Bars, 3/8" x 3" x 3" x 20 ft., 2 pcs Grinding Stone, 4 boxes Welding Rod, Super C2 @ 10 kilos/box, 4 tanks Oxygen (contents only), 1 tank Acetylene (contents only) and 4 pcs Shell Expansion Plan; Labor consisting of 1 Supervisor for 20 days, 2 Welders for 20 days, 2 Fitters for 10 days, and 4 Common Labor for 20 days.		1.00	lumpsum		
<b>VII.</b>	<b>Deck Works</b>					

	A. On Board Hydraulic Pipe line replacement, using 6 pcs Reducer 1"Ø to 1/2"Ø, 10 pcs Couplings 1/2"Ø, 10 pcs Couplings 1" Ø, 10 pcs Elbows 1/2" Ø x 90°, 10 pcs Elbows 1" Ø x 90°, 6 pcs T- couplings 1"Ø, and 6 pcs T-couplings 1/2" Ø; Labor consisting of 1 Supervisor for 6 days, 2 Hydraulic pipe technician for 6 days, and 2 Common Labor for 6 days.		1.00	lumpsum			
	B. Crop-out renew deteriorated portion of the Engine Room and doors using yard supplied materials & allow a total area of approximately 11 sq. m. using 4 pcs Steel Plate SAE4140, 4.0 mm x 4' x 8', 3 boxes Welding Rod, Super C2 @ 10 kilos/box, 5 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), and 6 pcs Grinding Stone; Labor consisting of 1 Supervisor for 10 days, 2 Welders for 10 days, 2 Fitters for 5 days, and 4 Common Labor for 10 days.		1.00	lumpsum			
	C. Crop-out renew deteriorated portion of the Main deck railings using yard supplied materials & allow a total length of approximately 52 ft. using 1 pc Tubular Steel G.I. 2" x 2" x 20', 1 pc Tubular Steel G.I., 2" x 1" x 20', 1 box Welding Rod, Super C2 @ 10 kilos/box, 1 tank Oxygen (contents only), 1 tank Acetylene (contents only), and 2 pcs Grinding Stone; Labor consisting of 1 Supervisor for 10 days, 2 Welders for 10 days, 2 Fitters for 5 days, and 4 Common Labor for 10 days.		1.00	lumpsum			
	D. Replace onboard hydraulic steel pipe using 2 pcs Hydraulic Steel Pipeline 1 1/4"Ø x 133" with fittings on both ends SAE 110R, 1 pc Hydraulic Steel Pipeline 1"Ø x 133" with fittings on both ends SAE 110R, and 1 pc Hydraulic Steel Pipeline 3/4"Ø x 135" with fittings on both ends SAE 110R; Labor consisting of 1 Supervisor for 1 day, 1 Hydraulic Mechanic for 1 day, and 1 Common Labor for 1 day		1.00	lumpsum			
<b>VIII.</b>	<b>Repair/Replace Discharge Pipe</b>						
	A. Replacement of Pressure Gauge at Discharge Pipe and Cutter Suction using 3 pcs Pressure Gauge 400 bar		1.00	lumpsum			

	B. Replacement base of on board discharge using 3 sets of base of on board discharge		1.00	lumpsum			
	C. Replacement of on board discharge pipe using 1 pc 8" dia. x 1/2" thick x 20' with Flanges both ends discharge pipe. 1 box Welding Rod, Super C2 @ 10 kilos/box, 1 tank Oxygen (contents only), 1 tank Acetylene (contents only), and 3 pcs Grinding Stone; Labor consisting of 1 Foreman for 3 days, 1 Welder for 2 days and 2 Common Labor for 3 days.		1.00	lumpsum			
	D. Replacement of discharge hose holder using 2 pcs Discharge Hose Holder		1.00	lumpsum			
	E. Replacement of on-board flexible discharge pipe using 1 pc Flexible pipe 6"Ø x 78" 8ply 8 wire, 1 pc Flexible pipe 6"Ø x 190" 8ply 8 wire, 1 pc Flexible pipe 6"Ø x 180" 8ply 8 wire, 15 pcs Clamp 8"Ø x 3/4" width x 5/16" thick stainless steel, and 1 pc Adapter		1.00	lumpsum			
<b>IX.</b>	<b>Repair/Replacement of Propulsion Unit</b>						
	A. Repair/ Replacement of Propulsion Unit, test for proper performance upon completion of work using 1 assy Steering Cylinder Assy. PN2898205, 1 assy Leveling Cylinder Assy. PN2898206, 1 pc Pin of Propeller Swing Rack PN7650316, 2 pcs Pin Bushing of Propeller Swing Rack PN7650311, 2 pcs Bearing Plate of Propeller Swing Rack PN7650315, 1 pc Seal Propeller Motor, 2 pcs Pin of Cylinder Propeller Levelling PN7650316, 2 pcs Ring of Pin Levelling Cylinder PN7605133, 1 pc Swing Rack propeller PN7350086, 1 pc Hydraulic Hose 1/2"Ø x 3000 mm SAE100R1 Propeller Motor Return PN7350732, 2 pcs PN7350730, 4 pcs Fitting 3/8"Ø Propeller Levelling Cylinder PN2906550, 1 pc Hydraulic Hose 3/8"Ø x 1050 mm SAE100 Propeller Steering PN7651923, 1 pc Hydraulic Hose 3/8"Ø x 1300 mm SAE100, Propeller Steering PN7650355, 2 pcs Fitting 1/4"Ø Propeller Steering Cylinder PN2559345, 1 pc Hydraulic Hose		1.00	lumpsum			

	3/8"Ø x 1300 mm SAE100R Propeller Leveling PN7650355, 1 pc Zinc Anode PN2898287, 2 pcs Zinc Anode PN2898288, and 1 set Seal Kit, Steering Cylinder, PN2914879; Labor consisting of 1 Supervisor for 20 days, 2 Hydraulic Pipe Technicians for 15 days and 2 Common Labors for 20 days.						
<b>X.</b>	<b>Repair of Port Side and Starboard Side Front Stabilizer Cylinders</b>						
	A. Repair of Two (2) Units Starboard and Portside Stabilizer Cylinders using 4 pcs Ball joint bushing w/ housing, 2 units Hydraulic cylinder piston rod hard chrome PN7301795, 8 pcs Lock Ring (for ball joint) PN2595332, and Grease Nipple PN2906790; Labor consisting of 1 Foreman for 7 days, 1 Heavy Equipment Mechanic for 7 days and 1 Common Labor for 8 days.		1.00	lumpsum			
	B. Replace with front stabilizer hydraulic hoses and steel pipeline using 2 pcs Hydraulic hose, 1/4"Ø x 1000mm with fittings on both ends SAE110R PN8710207, 2 pcs Hydraulic hose, 1/2"Ø x 2300mm with fittings on both ends SAE110R PN7350789, 2 pcs Hydraulic Steel Pipeline, 1/2"Ø x 20" with fittings on both ends SAE 110R, 2 pcs Hydraulic Steel Pipeline, 1/2"Ø x 21" with fittings on both ends SAE 110R and 2 sets Seal Kit, PN2906790; Labor consisting of 1 Supervisor for 1 day, 1 Hydraulic Mechanic for 1 day and 1 Common Labor for 1 day		1.00	lumpsum			
<b>XI.</b>	<b>Repair of Arm Cylinder</b>						
	A. Replace Arm Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 3/4"Ø x 2150mm with fittings on both ends SAE100R12 PN7350768, 2 pcs Hydraulic hose, 3/4"Ø x 1830mm with fittings on both ends SAE100R12 PN7350762, Hydraulic steel pipeline, 1/2"Ø x 28" with fittings on both ends SAE110R and 1 set Seal Kit, PN2916950; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 1 Common Labor for 3 days		1.00	lumpsum			

	B. Replace pivot pin of arm cylinder using 1 pc Pivot pin of arm cylinder 50 mm Ø x 180 mm PN8833023 and 1 pc Pivot pin of arm cylinder, 50 mm Ø x 270 mm PN8833021		1.00	lumpsum			
<b>XII.</b>	<b>Repair of Port Side and Starboard Side Spud Cylinders</b>						
	A. Replace Starboard and Port Side Spud hydraulic hoses and steel pipeline using 6 pcs Hydraulic hose, 1/2"Ø x 1150mm with fittings on both ends SAE100R9 PN7351079, 2 pcs Hydraulic hose, 1/4"Ø x 1760mm with fittings on both ends SAE100R2 PN7351128, 2 pcs Hydraulic hose, 1/2"Ø x 1000mm with fittings on both ends SAE100R9 PN7351151, 4 pcs Hydraulic Steel Pipeline, 1/2"Ø x 142" with fittings on both ends SAE110R, and 2 sets Seal Kit, PN2916947; Labor consisting of 1 Supervisor for 2 days, 1 Hydraulic Mechanic for 2 days and 1 Common Labor for 2 days		1.00	lumpsum			
	B. Replace Port Side Chrome Cylinder Rod using 1 pc Cylinder Rod Spud PN7351214		1.00	lumpsum			
<b>XIII.</b>	<b>Repair of Boom Cylinder</b>						
	A. Replace with Boom Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 3/4"Ø x 2150mm with fittings on both ends, SAE100R12 PN7350768, 2 pcs Hydraulic hose, 3/4"Ø x 1000mm with fittings on both ends, SAE100R12 PN7350768 and 1 set Seal Kit, PN2916949; Labor consisting of 1 Supervisor for 1 day, 1 Hydraulic Mechanic for 1 day and 1 Common Labor for 1 day		1.00	lumpsum			
	B. Replace pivot pin of boom cylinder using 1 pc Pivot pin of boom cylinder, 60 mm Ø x 168 mm, PN8717014, 1 pc Pivot pin of boom cylinder, 60 mm Ø x 230 mm, PN8717003 and 1 pc Cylinder Rod Boom, PN7351226		1.00	lumpsum			
<b>XIV.</b>	<b>Repair of Starboard Side and Port Side Tilt Cylinders</b>						



	A. Replace with tilt hydraulic hoses using 2 pcs Hydraulic hose, 1/2"Ø x 570mm with fittings on both ends, SAE100R9 PN7351152, 2 pcs Hydraulic hose, 1/2"Ø x 1350mm with fittings on both ends, SAE100R9 PN8714823 and 2 sets Seal Kit, PN3329546; Labor consisting of 1 Supervisor for 2 days, 1 Hydraulic Mechanic for 2 days and 1 Common Labor for 2 days		1.00	lumpsum			
<b>XV.</b>	<b>Repair of Left and Right Swing Cylinders</b>						
	A. Replace with Swing Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 1/2"Ø x 720mm with fittings on both ends, SAE100R9 PN7351147, 1 pc Hydraulic hose, 1/2"Ø x 730mm with fittings on both ends, SAE100R9 PN7350957, 1 pc Hydraulic hose, 1/2"Ø x 900mm with fittings on both ends, SAE100R9 PN7350956, 2 pcs Hydraulic hose, 1/2"Ø x 690mm with fittings on both ends, SAE100R9 PN7350765 and 2 sets Seal Kit, PN2916472; Labor consisting of 1 Supervisor for 2 days, 1 Hydraulic Mechanic for 2 days and 1 Common Labor for 2 days		1.00	lumpsum			
<b>XVI.</b>	<b>Repair of Bucket Cylinder</b>						
	A. Repair of Bucket Cylinder using 4 pcs Ball joint bushing w/ housing (as per sample), 8 pcs Lock Ring (for ball joint), PN2595332, 4 pcs Grease Nipple, 1 pc Cylinder Rod, Bucket, PN7351234 and 1 set Seal Kit, PN3329546; Labor consisting of 1 Foreman for 7 days, 1 Heavy Equipment Mechanic for 7 days and 2 Common Labor for 7 days		1.00	lumpsum			
	B. Replace with Bucket Cylinder hydraulic hoses using 2 pcs Hydraulic hose, 3/4"Ø x 2150mm with fittings on both ends, SAE100R12 PN7350768, 2 pcs Hydraulic hose, 3/4"Ø x 1430mm with fittings on both ends, SAE100R12 PN7350760, 1 pc Hydraulic hose, 3/4"Ø x 630mm with fittings on both ends, SAE100R12 PN7350736 and 1 pc Hydraulic hose, 3/4"Ø x 1160mm with fittings on both ends, SAE100R12 PN7350759		1.00	lumpsum			

	Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 2 Common Labor for 3 days					
	C. Replace pivot pins of bucket cylinder using 1 pc Pivot pin of bucket cylinder, 60mm Ø x 354mm, PN8833018, 1 pc Pivot pin of bucket cylinder, 50mm Ø x 110mm, PN8833027, 1 pc Pivot pin of bucket cylinder, 50mm Ø x 98mm, PN7652879, 1 pc Pivot pin of bucket cylinder, 50mm Ø x 395mm, PN7651578, 1 pc Pivot pin of bucket cylinder, PN7650423 and 1 pc Pivot pin of bucket cylinder, 50mm Ø x 260mm, PN7652789		1.00	lumpsum		
	D. Replace entire Bucket Assembly using 1 assy Bucket Assembly, PN7250115		1.00	lumpsum		
<b>XVII.</b>	<b>Repair of Cutter Pump</b>					
	A. Repair of Cutter Pump Head Assy. Using 1 pc Bearing, Dredge Pump Housing PN2861308, 1 pc Sleeve, Dredge Pump Housing, 2 pcs Bearing, Dredge Pump Housing PN7653081, 1 pc Intermediate sleeve, 1 pc O-Ring PN 2617230, 2 pcs Cotter Pin, 1 pc O-Ring PN 2916965, 1 pc O-Ring PN 2916566, 1 pc Flow Indicator, 1 pc Quick Coupling, 2 pcs Fitting, 1 pc Nipple Fitting; Labor consisting of 1 Foreman for 4 days, 1 Heavy Equipment Mechanic for 4 days and 2 Common Labor for 4 days		1.00	lumpsum		
	B. Replace with new Cutter Suction hydraulic hoses and Steel Pipeline using 2 pcs Hydraulic hose, 1"Ø x 1330mm with fittings on both ends, SAE100R11 PN7350764, 2 pcs Hydraulic hose, 3/4"Ø x 1300mm with fittings on both ends, SAE100R12 PN7350735, 2 pcs Hydraulic hose, 3/4"Ø x 1160mm with fittings on both ends, SAE100R12 PN7350759, 2 pcs Hydraulic hose, 3/4"Ø x 1700mm with fittings on both ends, SAE100R12 PN7351146, 1 pc Hydraulic hose, 1/4"Ø x 520mm with fittings on both ends, SAE100R2 PN8716452, 2 pcs Hydraulic hose, 1/4"Ø x 350mm with fittings on both		1.00	lumpsum		

	ends, SAE100R2 PN8708548, 1 pc Hydraulic hose, 3/8"Ø x 330mm with fittings on both ends, SAE100R2 PN7351150, 1 pc Hydraulic hose, 1/4"Ø x 800mm with fittings on both ends, SAE100R9 PN8708927, 2 pcs Hydraulic hose, 1"Ø x 2000mm with fittings on both ends, SAE100R11 PN7350790, 3 pcs Hydraulic hose, 3/4"Ø x 1950mm with fittings on both ends, SAE110R PN7350792, 1 pc Hydraulic hose, 3/4"Ø x 295mm with fittings on both ends, SAE100R1 PN7350793, 1 pc Hydraulic hose, 1/4"Ø x 1000mm with fittings on both ends, SAE100R PN8710198, 2 pcs Hydraulic Steel Pipeline, 1 1/4"Ø x 63" with fittings on both ends, SAE110R, 3 pcs Hydraulic Steel Pipeline, 3/4"Ø x 104" with fittings on both ends, SAE110R, 3 pcs Hydraulic Steel Pipeline, 3/4"Ø x 45" with fittings on both ends, SAE110R, 2 pcs Hydraulic Steel Pipeline, 1 1/4"Ø x 45" with fittings on both ends, SAE110R; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 2 Common Labor for 3 days						
<b>XVIII.</b>	<b>Replacement of Hydraulic Hoses of Pilot House and Solenoid Valve</b>						
	A. Replace with pilot house and solenoid valve hydraulic hoses using 3 pcs Hydraulic hose, 1/4"Ø x 800mm with fittings on both ends, SAE100R9 PN8708927, 1 pc Hydraulic hose, 1/4"Ø x 1000mm with fittings on both ends, SAE100R9 PN8710198, 1 pc Hydraulic hose, 3/8"Ø x 1100mm with fittings on both ends, SAE100R9 PN8716869, 1 pc Hydraulic hose, 3/8"Ø x 1170mm with fittings on both ends, SAE100R9 PN8716884, 2 pcs Hydraulic hose, 1/4"Ø x 5000mm with fittings on both ends, SAE100R PN7350783, 1 pc Hydraulic hose, 1/4"Ø x 5000mm with fittings on both ends, SAE110R, 2 pcs Hydraulic hose, 1/4"Ø x 2800mm with fittings on both ends, SAE110R, 2 pcs Hydraulic hose, 3/8"Ø x 250mm with fittings on both		1.00	lumpsum			

<p>ends, SAE100R2 PN7351082, 1 pc Hydraulic hose, 1/4"Ø x 800mm with fittings on both ends, SAE100R2 PN8708927, 1 pc Hydraulic hose, 3/8"Ø x 6000mm with fittings on both ends, SAE100R2 PN7350787, 1 pc Hydraulic hose, 3/8"Ø x 2400mm with fittings on both ends, SAE100R PN8716445, 1 pc Hydraulic hose, 3/8"Ø x 850mm with fittings on both ends, SAE100R2 PN8716927, 2 pcs Hydraulic hose, 1/4"Ø x 145mm with fittings on both ends, SAE100R PN7350781, 2 pcs Hydraulic hose, 1/4"Ø x 1000mm with fittings on both ends, SAE100R PN8710198, 1 pc Hydraulic hose, 1/4"Ø x 520mm with fittings on both ends, SAE100R2 PN8708927, 2 pcs Hydraulic hose, 1/4"Ø x 750mm with fittings on both ends, SAE100R9 PN7351098, 4 pcs Hydraulic hose, 1/4"Ø x 600mm with fittings on both ends, SAE100R9 PN7351099, and 1 pc Hydraulic hose, 1/4"Ø x 520mm with fittings on both ends, SAE100R9 PN7351099; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 2 Common Labor for 3 days</p>						
<p><b>XIX. Engine Overhauling and Calibration</b></p>						
<p>A, Dis-assemble &amp; unship to radiator shop, radiator assembly for proper rehabilitation &amp; assemble back in good order upon completion of work. Includes Radiator general overhauling, and using 2 pcs Upper &amp; lower hoses w/ clamp, 18 ltrs Coolant and 1 pc Fan Belt</p>		1.00	lumpsum			
<p>B. Replace engine valve seat and guide, crankshaft bearing, camshaft bushing, connecting rod bearing, piston ring, and cylinder head. Machine crankshaft to restore proper tolerances. Using 1 set Valve Seat, 12 pcs Valve Guide, 1 set Crankshaft Bearing, 1 set Camshaft Bushing, 1 set Connecting Rod Bearing, 1 set Piston Ring and 1 set Cylinder Head, Overhauling Gasket; includes 1 job Machining of crankshaft</p>		1.00	lumpsum			

	C. Conduct Engine Tune-up, replace filters using 50 liters Engine Oil on site, 300 liters Hydraulic Oil on site, 500 Liters Fuel on site, 4 pcs Hydraulic Return Filter, 1 pc Hydraulic Pilot Filter, 1 pc Hydraulic Drain Filter, 1 pc Hydraulic Breather Filter, 1 pc Engine, Oil Filter, 1 pc Engine, Fuel Filter, 1 pc Engine, Water Separator, 1 pc Air Cleaner, Inner, 1 pc Air Cleaner, outer; Labor consisting of 1 Foreman for 10 days, 1 Heavy Equipment Mechanic for 10 days and 1 Common Labor for 10 days; includes 1 job Engine Tune up and Calibration		1.00	lumpsum			
	D. Replacement of electric fuel pump using 1 unit Electric Fuel Pump, PN7650689		1.00	lumpsum			
<b>XX.</b>	<b>Repair of Centralized Automatic Lubrication Distribution System</b>						
	A. Conduct general repair on said unit, to put back to its original function using 200m Copper Tubing, 4 mm Ø, 200m Flexible hose, 4 mm, I.D, 1/2" O.D., 10 units Distribution Valve (Box Type) (as per sample) w/ fittings., 50 pcs Fittings ( Male & Female) (as per sample); Labor consisting of 1 Supervisor for 5 days, 1 Hydraulic Mechanic for 5 days, and 1 Common Labor for 5 days		1.00	lumpsum			
<b>XXI.</b>	<b>Operator's Cabin Works</b>						
	A. Conduct repair of Air conditioning unit of dredge (on Board) and Air conditioning unit cover. Unship to air conditioning shop for repair & install back to dredge & test for proper performance after completion of work. Using 1 unit Air conditioning unit		1.00	lumpsum			
	B. Replacement of window washer fluid reservoir & Crop-out and renew deteriorated cover of window washer fluid reservoir using 1 pc Window Washer Fluid Reservoir		1.00	lumpsum			
	C. Crop-out and renew deteriorated portion of driver's cabin using yard supplied materials, allow a total area of		1.00	lumpsum			

	approximately 4 sq. m. using 2 pcs Steel Plate, SAE4140 4.0 mm x 4' x 8', 2 boxes Welding Rod, Super C2 @ 10 kilos/box, 2 tanks Oxygen (contents only), 2 tanks Acetylene (contents only), and 4 pcs Grinding Stone; Labor consisting of 1 Supervisor for 3 days, 2 Welders for 3 days, 1 Fitter for 3 days, and 4 Common Labor for 3 days						
	D. Replacement of Dashboard Gauges Complete LCD Assembly and Gauges including installation and programming		1.00	lumpsum			
<b>XXII.</b>	<b>Electrical Works</b>						
	A. Check, clean and test the battery electrical connection & lines. Repair damaged connection lines using 4 pcs Battery terminal clamp, 10 meters Battery cable, 16mm, 1 pc Main current switch (DC), 1 box Main current fuse, 50A, 24V, 1 box Preheater fuse, 100A, 24v, 3 meters Ground cable, #14, and 2 pcs Battery, 12V, 2D; Labor consisting of 1 Electrician for 5 days and 1 Common Labor for 5 days		1.00	lumpsum			
	B. Replacement of busted work lights using 15 pcs Marine bulb		1.00	lumpsum			
<b>XXIII.</b>	<b>Replacement of Hydraulic Cooler Hoses</b>						
	A. Replace with hydraulic cooler hoses using 2 pcs Hydraulic hose, 3/4"Ø x 1450 mm with fittings on both ends, SAE100R, PN7350782, 1 pc Hydraulic hose, 1/2"Ø x 800 mm with fittings on both ends, SAE100R9, PN2902930, 1 pc Hydraulic hose, 1/2"Ø x 730 mm with fittings on both ends, SAE100R9, PN7350957, 1 pc Hydraulic hose, 1/2"Ø x 2500 mm with fittings on both ends, SAE100R9, PN7350798, 1 pc Hydraulic hose, 1/2"Ø x 500 mm with fittings on both ends, SAE100R9, PN8716774, 1 pc Hydraulic steel pipeline, 1 1/4"Ø x 110" with fittings on both ends, SAE110R; Labor consisting of 1 Supervisor for 3 days, 1 Hydraulic Mechanic for 3 days and 1 Common Labor for 3 days		1.00	lumpsum			

<b>XXIV.</b>	<b>Hull Prevention Works</b> A. Paint hull by airless spray using yard supplied paints with the following scheme: 1. One (1) coat Anti Corrosive (AC) from keel to deck line, allow 50 sq. m 2. One (1) coat Anti Fouling (AF) from bottom to deck line, allow 50 sq. m. 3. One (1) coat AC from keel to load line, allow 20 sq. m. 4. One (1) coat AC from load line to deck line, allow 30 sq. m. Using 5 gals Anti Corrosive Paint (AC), 3 gals Anti fouling Paint (AF), 2 gals Boot Topping Paint (BT), 4 gals Epoxy Paint Green, 3 gals Epoxy Paint Black, 4 gals Epoxy Paint White, 2 gals Epoxy Paint Yellow, 9 gals Red Lead Oxide primer, 18 gals Paint Thinner, Lacquer, 25 pads Sand Paper #120, 25 pads Sand Paper #300, 25 pcs Masking Tape, and 4 pcs Paint Brush 2"; Labor consisting of 1 Foreman for 20 days, 2 Painters for 20 days, 2 Common Labor for 20 days with rental for Compressor w/ Spray gun for 20 days		1.00	lumpsum			
<b>XXV.</b>	<b>Performance Trial</b>						
	A. Conduct performance trial for at least four (4) operating hours, in the presence of Dredge personnel on board, Regional Inspectorate team, COA & DPWH-BOE-FED representative upon completion of work. Diesel fuel & lubricating Oil & other lubricants must be provided by the contractor. Using 510 liters Diesel Fuel, 300 liters Hydraulic Oil AW68, 25 liters Engine Oil 15w-40, 25 tubes Grease NLGI No. 2, 2 pails Multi-purpose Grease, and 6 liters Gear Oil		1.00	lumpsum			
<b>XXVI.</b>	<b>Demobilization</b>						
	A. Reassembly of main hull, side stabilizer floats, side pontoons and loading of the Dredging Equipment for hauling to designated dredging site using 1 Unit		1.00	lumpsum			

	Hydraulic Crane for 3 days, 1 Tractor with Low Bed for 2 days; Labor consisting of 1 Foreman for 5 days, 1 Crane Operator for 3 days, 1 Heavy Equipment Operator for 2 days, and 4 Common Labor for 5 days.						
	<b>Total :</b>	<b>Php 13,703,880.00</b>					
Total Amount of Bid: _____ <div style="display: flex; justify-content: space-around; width: 100%;"> <span>_____ (in words)</span> <span>_____ (in figure)</span> </div>							

Bid Validity: \_\_\_\_\_

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

Telephone/Mobile No.: \_\_\_\_\_

Name of Representative: \_\_\_\_\_

Signature of Representative: \_\_\_\_\_

Name and Signature of Bidder: \_\_\_\_\_

*Bidders are required to include the cost of all taxes, such as, but not limited to: value added tax (VAT), income tax, local taxes, customs duties, freight, insurance, bank charges and other fiscal levies and duties. These shall be itemized in the bid form and reflected in the detailed estimates*



## Contract Agreement Form

THIS AGREEMENT made the \_\_\_ day of \_\_\_ 20\_\_\_  
between

[*name of PROCURING ENTITY*] 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., [*brief description of goods and services*] 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 as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:
  - i. Philippine Bidding Documents (PBDs)
  - ii. Schedule of Requirements
  - iii. Technical Specifications
  - iv. General and Special Conditions of Contract; and
  - v. Supplemental or Bid Bulletins, if any
- ii. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

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

- iii. Performance Security;
- iv. Notice of Award of Contract; and the Bidder's conforme thereto; and
- v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**

3. In consideration for the sum of [total contract price in words and figures] or such other sums as may be ascertained, [Named of the bidder] agrees to [state the object of the contract] in accordance with his/her/its Bid.

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

IN WITNESS whereof the parties 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.

*[Insert Name and Signature]*

*[Insert Name and Signature]*

*[Insert Signatory's Legal Capacity]*

*[Insert Signatory's Legal*

*for:*

*for:*

*[Insert Procuring Entity]*

*[Insert Name of Supplier]*

## Omnibus Sworn Statement

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

### AFFIDAVIT

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

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

If a sole proprietorship: I am the sole proprietor of *[ Name of Bidder ]* with office address At *[Address of Bidder]*;

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

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

If a sole proprietorship: As the owner and sole proprietor of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for *[Name of Project]* of the *[Name of Procuring Entity]*;

If a partnership, corporation, cooperative, or joint venture: I am granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the *[Name of Bidder]* in the bidding as shown in the attached *[state the title of attached document showing proof of authorization (e.g. duly notarized Secretary's Certificate issued by the corporation or members of the joint venture)]*;

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

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

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

6. Select one, delete the rest:

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

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

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

[Insert name of Bidder's Authorized Representative]  
Bidder's Representative/Authorized Signatory  
*[Insert signatory's legal capacity]*

**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 \_\_\_\_\_.

**STATEMENT OF ALL GOVERNMENT AND PRIVATE CONTRACTS COMPLETED WHICH ARE SIMILAR IN NATURE**

**Business Name:**  
**Business Address:**

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

Note: This statement shall be supported with:

1. Contract
2. Certificate of Completion
3. Certificate of Acceptance

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

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

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

**LIST OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED**

**Business Name:**  
**Business Address:**

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

Note: This statement shall be supported with:

1. Notice of Award and/or Contract/Purchase Order
2. Notice to Proceed issued by owner/Certificate of Completion/Official Receipt
3. Certificate of Accomplishment signed by the owner or authorized representative

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

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

## CONTRACT AGREEMENT

THIS AGREEMENT made the \_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ between [name of PROCURING ENTITY] 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, particularly [brief description of goods and services] 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 in specified currency*] (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 as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:
    - i. Philippine Bidding Documents (PBDs);
    - ii. Schedule of Requirements;
    - iii. Technical Specifications;
    - iv. General and Special Conditions of Contract; and
    - v. Supplemental or Bid Bulletins, if any
  - ii. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;
- Bid form, including all the documents/statements contained in the Bidder’s bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder’s response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity’s bid evaluation;
- iii. Performance Security;
  - iv. Notice of Award of Contract; and the Bidder’s conforme thereto; and
  - v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**
3. In consideration for the sum of [*total contract price in words and figures*] or such other sums as may be ascertained, [*Named of the bidder*] agrees to [*state the object of the contract*] in accordance with his/hers/its Bid. 31



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

IN WITNESS whereof the parties 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.

*[Insert Name and Signature]*

*[Insert Name and Signature]*

*[Insert Signatory's Legal Capacity]*

*[Insert Signatory's Legal Capacity]*

for:

for:

*[Insert Procuring Entity]*

*[Insert Name of Supplier]*

**Acknowledgement**

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

## Bank Guarantee Form for Advance Payment

To: [name and address of PROCURING ENTITY]  
[name of Contract]

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 PROCURING ENTITY 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 PROCURING ENTITY 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 thereunder or of any of the Contract documents which may be made between the PROCURING ENTITY 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]

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

**BID SECURING DECLARATION**  
**Project Identification No.: [Insert number]**

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
  - a. Upon expiration of the bid validity period of 120 calendar days, or any extension thereof pursuant to your request;
  - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
  - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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

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

*[Insert signatory's legal capacity]*  
Affiant

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

**FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK**

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

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

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

NFCC = [(current asset – current liabilities) (15)] minus value of all outstanding or uncompleted portions of the projects under on-going contracts, including awarded contracts yet to be started, coinciding with the contract to be bid

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

Submitted by:

\_\_\_\_\_  
Name of Supplier / Distributor / Manufacturer

\_\_\_\_\_  
Signature of Authorized Representative

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

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

NOTE:

If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the above requirements.

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.

"Form No. 3"

Republic of the Philippines

oppdo

Government Procurement Policy Board