REPUBLIC OF THE PHILIPPINES **DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS**

La Union Second District Engineering Office San Joaquin Sur, Agoo, La Union, Region I

BIDDING DOCUMENTS FOR

CONTRACT ID: 24GAF0005

PURCHASE/DELIVERY OF UNIVERSAL TESTING
CONTRACT NAME: MACHINE FOR USE IN THE QUALITY
ASSURANCE SECTION, DPWH-LUSDEO, SAN
JOAQUIN SUR, AGOO, LA UNION

CONTRACT LOCATION: DPWH-LUSDEO, SAN JOAQUIN SUR, AGOO, LA UNION

Date of Submission of Technical December 12, 2024 (10:00 am)

and Financial Proposal : Deadline

Issuance of Bidding Documents: Nov. 22-Dec. 10, 2024

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 ForeignAssisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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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.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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.



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS LA UNION SECOND DISTRICT ENGINEERING OFFICE

San Joaquin Sur, Agoo, La Union



Invitation to Bid for

24GAF0005

PURCHASE/DELIVERY OF UNIVERSAL TESTING MACHINE FOR USE IN THE OUALITY ASSURANCE SECTION, DPWH-LUSDEO, SAN JOAOUIN SUR, AGOO, LA UNION

- 1. The **Department of Public Works and Highways LA UNION SECOND DISTRICT ENGINEERING OFFICE**, through the **EAO 2024** intends to apply the sum Eleven Million Three Hundred Thirty One Thousand, Eight Hundred Twenty Four Pesos only (Php 11,331,824.00) being the ABC to payments under the contract for **PURCHASE/DELIVERY OF UNIVERSAL** TESTING MACHINE FOR USE IN THE QUALITY ASSURANCE SECTION, DPWH-LUSDEO, DPWH-LUSDEO, SAN JOAQUIN SUR, AGOO, LA UNION with Contract ID 24GAF0005. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The **Department of Public Works and Highways LA UNION SECOND DISTRICT ENGINEERING OFFICE** now invites bids for the above Procurement Project. Delivery of the Goods is required by 120 Calendar Days. Bidders should have completed, within 5 years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
- 3. Bidding will be conducted through open competitive bidding procedures using a nondiscretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
 - a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or 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.
- Prospective Bidders may obtain further information from **Department of** 4. Public Works and Highways LA UNION SECOND DISTRICT **ENGINEERING OFFICE** and inspect the Bidding Documents at the address given below during 8:00am to 5:00 am.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders on November 22-December 12, 2024 from the given address and website(s) below and upon payment of the applicable fee for the Bidding

Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Php 25,000.00**.

- 6. The **Department of Public Works and Highways LA UNION SECOND DISTRICT ENGINEERING OFFICE** will hold a Pre-Bid Conference¹ on **November 29, 2024 @ 10:00 am at 2nd Floor, Conference Room of DPWH-LUSDEO, San Joaquin Sur, Agoo, La Union** and/or through videoconferencing via ZOOM and live-streamed on Youtube http://www.youtube.com/DPWH_La_Union_2ndDEO-BAC, which shall be open to prospective bidders.
- 7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before *December 12, 2024 @* 10:00 am. Late bids shall not be accepted.
- 8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
- 9. Bid opening shall be on *December 12, 2024 @ 11:00 am* at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity or through video Conferencing via Zoom and shall be live-streamed in youtube: http://www.youtube.DPWH La Union 2ndDEO-BAC.
- 10. The *Department of Public Works and Highways LA UNION SECOND DISTRICT ENGINEERING OFFICE* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

NESTOR D. SIBAYAN

BAC Secretariat Head DPWH-La Union Second DEO San Joaquin Sur, Agoo,, La Union (072) 609-1716/1070 dpwh_2ndlued@yahoo.com sibayan.nestor@dpwh.gov.ph

12. You may visit the following websites:

For downloading of Bidding Documents: www.dpwh.gov.ph & PhilGEPS Website

MARIO L. LAROYA

Chief, Construction Section 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, *Department of Public Works and Highways LA UNION SECOND DISTRICT ENGINEERING OFFICE* wishes to receive Bids for the *PURCHASE/DELIVERY OF UNIVERSAL TESTING MACHINE FOR USE IN THE QUALITY ASSURANCE SECTION, DPWH-LUSDEO, DPWH-LUSDEO, SAN JOAQUIN SUR, AGOO, LA UNION with Contract ID 24GAF0005*.

The Procurement Project (referred to herein as "Project") is composed of one lot, 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 *EAO 2024* in the amount of *Php 11,331,824.00*.
- 2.2. The source of funding is:
 - a. NGA, the General Appropriations Act or Special Appropriations.

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 "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. 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:
 - 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:
 - 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 Must be at least 25 years existing company. Must conduct demo and training.
 - 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:

a. Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing via ZOOM and live-streamed on Youtube http://www.youtube.com/DPWH_La_Union_2ndDEO-BAC, 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 *1 year* 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.

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, exwarehouse, 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).**

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:
 - a. Philippine Pesos.

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration¹ 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 *March 12, 2025*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

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**.

¹ 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. Opening and Preliminary Examination of Bids

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.

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.
- 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 maybe. 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:

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.
- 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. 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.

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**.

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	
5.3	For this purpose, contracts similar to the Project shall be:
	a. PURCHASE/DELIVERY OF UNIVERSAL TESTING MACHINE FOR USE IN THE QUALITY ASSURANCE SECTION, DPWH-LUSDEO, DPWH-LUSDEO, SAN JOAQUIN SUR, AGOO, LA UNION with Contract ID 24GAF0005 or similar
	b. completed within 5 years prior to the deadline for the submission and receipt of bids.
7.1	N/A
12	The price of the Goods shall be quoted DDP <i>Philippines</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:
	a. The amount of not less than Php 566,591.20 , if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
	b. The amount of not less than Php 226,636.48 if bid security is in Surety Bond.

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.

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.

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. 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	Delivery and Documents –				
	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:				
	"The delivery terms applicable to this Contract are delivered in <i>San Joaquin Sur, Agoo, La Union</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."				
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).				
	Incidental Services –				
	The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: Select appropriate requirements and delete the rest.				
	 a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods. 				
	The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services. Spare Parts — The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:				

Select appropriate requirements and delete the rest.

- a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- b. in the event of termination of production of the spare parts:
 - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
 - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI** (**Schedule of Requirements**) and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of [indicate here the time period specified. If not used indicate a time period of three times the warranty period].

Spare parts or components shall be supplied as promptly as possible, but in any case, within [insert appropriate time period] months of placing the order.

Packaging -

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.

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

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

Name of the Procuring Entity Name of the Supplier Contract Description Final Destination
Gross weight
Any special lifting instructions
Any special handling instructions
Any relevant HAZCHEM classifications

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

Transportation –

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

Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.

The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.

Intellectual Property Rights -

The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.

2.2	Partial Payment is not allowed.
4	The inspections and tests that will be conducted are: Regular Inspection during delivery of Goods.
5	3 years warranty for the Equipment,
6	Includes Demo and Training for the equipment.

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	Unit	Quantity	Total	Delivered, Weeks/Months
1	ELECTRO-HYRDAULIC SERVO CONTROL UNIVERSAL TESTING MACHINE with MULTI WIRE STRAND STANDARDS: BS EN 10002-1, BS 5896, ISO 7500-1, ASTM A370, ASTM A1061/A TENSILE & COMPRESSION: Used for the mechanics property test such as the tensile, bending, compression and flexural to various materials such as rebar, wire strand, bolts & nuts, concrete cylinder, concrete beam and hollow block. Can automatically process the test result for statistical purpose and print default or user-defined test report. It can use the micro-computerautomatic data collection and processing, real time display of the test data and curves. It has functions such as unlimited storage of test result in the computer, printing the test results and curves, processing the batch test result report, managing the database. It also has the network interface. It can automatically seek the multiple technical parameters such as elastic module E upper yield strength ReL, stipulated non-proportional elongation intensity Rr, tensile strength Rm, stipulated total elongation intensity Rr, tensile strength Rm, stipulated total elongation intensity Rr, yield point percentage elongation. It have the features such as the high precision, advantage performance, high reliability, convenient operation. Operation Display:	unit	1.00		120 cd

Computer Screen Display unit with the following functions:	
- Test force display	
- Break detection	
- Full auto test range switching function	
- Automatic return function	
- Peak / Break value display function	
- Test conditions	
Safety Features:	
The system include with the following safety features:	
- Emergency stop switch	
- Overload limit	
- Ram-stroke limit	
Hydraulic pump motor over-current& over heating protection	
- Leak / over current protection	
- Automatic stop control	
- Safety Guard	
Control & Data Processing Software:	
 User friendly and easily due to clear and brief operation - operation interface. 	
 Automatically save the test conditions & results. 	
 User define test curves including: Stress / Strain, Face / Elongation, Strenthg / Time to suit various requirement 	
 Individual or combine display test curves on the same screen to compare with other several data at the same time 	
- Compatible with Microsoft Excel by import or export function	
- Base of testing with digita I sample break detection, auto calibration, quick tare & auto return facilities	
- Exceeds all international Standards for accuracy, ASTM, DIN, ISO, JIS, EN, GB	
- Tension, Compression, Shear, Cycling & Creep Test facilities	

- User define Real Time Display including Load, Stree, Elomgation, Strain, Speed or Time
- Advanced protection features with software setting or / & hardware switch upper & lower limit setting
- Operation fully controlled by computer
- USB communication system & ethernet
- Grips and fixtures for tension, compression, flexural, shear & products testing availabe
- Fully user define report including Report Sheet, Label, Chart and Bitmap or JPG
- Reporet sheet consist of Load, Elongation, Yield, Break, Stress Modulus, Strain, Tear Strength, peel Strength
- Force display unit : kN, N, tons, and $\ensuremath{\mathsf{mN}}$
- Stress display unit : Gpa, Mpa, psi, N/sq.mm., Kg/sq.mm., & Tons/sq.inch
- User bdefine Yield Strength, Young Modulus, Offset Setting, Graph Offset, Export & Import test data

Unique Feature:

- Over size prestressed 4 column with twin screw
- High toughness fragment safety guard with transparence sliding door
- High precision load cell ram
- Built-in shock absorbing system on base mounting
- Console Control Unit

TECHNICAL SPECIFICATIONS:

Load Capacity: 1200 kN Machine Class: Class 1 Load Accuracy: ±1%

Displacement Resolution: 0.001 mm Max. Compression Space: 900 mm Max. Tensile Space: 1000 mm

Piston Stroke: 200 mm

Max. mm/	Cross Head Speed: 240		
Test	Speed: 100 mm/min		
Wire	Strand Size: Ø8 - Ø18 mm		
Rour	nd Specimen Size : Ø14 - Ø45		
mm			
Flat	Specimen Size: 40 mm		
Max. mm	Distance of Bending Test: 300		
Size mm	of Compression Platen: Ø225		
	zontal Clearance (max.) : 505		
mm	Frame :		
	frame . fax. Bearing Deformation: ≤0.45		
mm	lax. Bearing Deformation. 50.43		
	Coaxility: <0.03 mm		
	Cylinder Layout: Lower Type		
	Max. Bearing Capacity of Oil		
Cylin	der: 1500kN		
	Cylinder Linearity:		
	- Ellipticity : ≤ 0.015 mm		
	- Verticacity : ≤ 0.003 mm		
	- Roughness : ≤ Ra 0.4 μm		
Oil S	ources :		
-Pun	np; Flow : 6.26 l/min		
	Pressure: 20.4 Mpa		
-Trai 2mv,	nsducer; Sensitivity Coefficient :		
	Nonlinear : 0.2% FS		
	Repeatability: 0.05%		
Foce kN	Measuring Range : 12 - 1200		
	tive Error of Test Force cation: ± 1%		
Force	e Resolution: 1/300000 FS		
Dispi FS	acement Resolution: 1/300000		
Displ 0.5 r	acement Indication Error : ≤± nm		
Defo FS	rmation Resolution: 1/300000		
Defo 0.5%	rmation Resolution Error : ≤±		
	al Rate Control Range of Test e: 0.1 - 4% FS		

Displacement Constant Rate Control Range: 0.5 - 90 mm/min	
Strain Constant Rate Control Range: 0.00007 - 0.0025/s	
Speed Control Accuracy Error : ≤± 1% of Set Value	
Max. Distance Betweeb Upper & Lower Pressure Plates: 980	
Paralleslism of Upper & Lower Pressing Plates : ≤ 0.01 mm	
Flatness of Pressing Plate : < 0.016 mm	
Hardness of Pressing Plate : > 55 HRC	
Surface Roughness of Pressing Plate : < 0.8µm	
Max. Distance Between Stretching Jaws: 1090 mm	
Effective Distance Between Columns : 680 mm	
Clamping Width of Flat Specimen : ≤ 100 mm	
Clamping Thickness of Flat Specimen : 0 - 40 mm	
Clamping Diameter of Round Specimen: 15 - 60 mm	
Power: 220 V, 1 Ph, 50/60 Hz	
UNIT STANDARD ACCESSORIES:	
1 set Flat Specimen Jaw Set (0 - 40 mm Thick)	
1 set Round Specimen Jaw Set A (Ø14 - Ø32 mm)	
1 set Round Specimen Jaw Set B (Ø32 - Ø45 mm)	
1 set Wire Strand Jaw Set (Ø8 - Ø18 mm)	
1 set Compression Platen Set	
1 set Bending Test Device c/w Mandrel	
1 unit Footing Stopper Bar c/w Wall Plug (2 Bar & 4 Plug)	
1 unit Computer Printer	
1 unit Servo Pack	
1 unit Electronic Extensometer 100	
mm c/w 25 mm Gauge Deformation	
1 set Electronic Extensometer 500 mm Gauge Length with 15 mm Deformation	

1 unit 2 Steps Ladder	
1 unit Servo Pack Console Control Unit with Built-in Computer and Pre- installed with Test Master Software	
1 unit Analogue Dial Gauge 25mm x 0.01mm	
1 unit Portabloe Flexural Test Device	
1 unit Rectangular Hardened Platen come with Handles 17" (L) x 7" (W) x 30mm (T) (for maximum hollow block size of 6" x 6" x 16")	
1 unit Aluminum Grip Piece for 12.7 mm Wire, Size: 1.5 mm (T) x 103° Angle x 16.8 (W) x 180 mm (L)	
1 unit Aluminum Grip Piece for 15.6 mm Wire, Size: 1.5 mm (T) x 103° Angle x 22.4 (W) x 180 mm (L)	
1 Copy of Manual Instruction	
Inclusions:	
with 3 Years Warranty with Demo and Training	
with Free Calibration after installation	
with Certificate of Calibration valid for one (1) year	
with One-time Free Preventive Maintenance	
with Free Delivery	

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
	ELECTRO-HYRDAULIC SERVO CONTROL UNIVERSAL TESTING MACHINE with MULTI WIRE STRAND	[Bidders must state here either "Comply"
	STANDARDS: BS EN 10002-1, BS 5896, ISO 7500-1, ASTM A370, ASTM A1061/A	or "Not Comply" against each of the individual parameters of each Specification stating the
	TENSILE & COMPRESSION:	corresponding performance parameter of the
	Used for the mechanics property test such as the tensile, bending, compression and flexural to various materials such as rebar, wire strand, bolts & nuts, concrete cylinder, concrete beam and hollow block. Can automatically process the test result for statistical purpose and print default or user-defined test report.	equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence
	It can use the micro-computerautomatic data collection and processing, real time display of the test data and curves. It has functions such as unlimited storage of test result in the computer, printing the test results and curves, processing the batch test result report, managing the database. It also has the network interface. It can automatically seek the multiple technical parameters such as elastic module E upper yield strength ReH, lower yield strength REL, stipulated non-proportional elongation intensity Rr, tensile strength Rm, stipulated total elongation intensity Rt, yield point percentage elongation.	in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's unamended sales literature, unconditional statements of
	It have the features such as the high precision, advantage performance, high reliability, convenient operation.	specification and compliance issued by
	Operation Display:	the manufacturer, samples, independent
	Computer Screen Display unit with the following functions:	test data etc., as appropriate. A
	- Test force display	statement that is not
	- Break detection	supported by evidence or is subsequently
	- Full auto test range switching function	found to be
	- Automatic return function	contradicted by the
	- Peak / Break value display function	evidence presented will render the Bid under
	- Test conditions	evaluation liable for
	Safety Features:	rejection. A statement
	The system include with the following safety features:	either in the Bidder's statement of

- Emergency stop switch
- Overload limit
- Ram-stroke limit
- Hydraulic pump motor over-current & over heating protection
- Leak / over current protection
- Automatic stop control
- Safety Guard

Control & Data Processing Software:

- User friendly and easily due to clear and brief operation operation interface.
- Automatically save the test conditions & results.
- User define test curves including: Stress / Strain, Face / Elongation, Strenthg / Time to suit various requirement
- Individual or combine display test curves on the same screen to compare with other several data at the same time
- Compatible with Microsoft Excel by import or export function
- Base of testing with digita I sample break detection, auto calibration, quick tare & auto return facilities
- Exceeds all international Standards for accuracy, ASTM, DIN, ISO, JIS, EN, GB $\,$
- Tension, Compression, Shear, Cycling & Creep Test facilities
- User define Real Time Display including Load, Stree, Elomgation, Strain, Speed or Time
- Advanced protection features with software setting or / & hardware switch upper & lower limit setting
- Operation fully controlled by computer
- USB communication system & ethernet
- Grips and fixtures for tension, compression, flexural, shear & products testing availabe
- Fully user define report including Report Sheet, Label, Chart and Bitmap or JPG
- Reporet sheet consist of Load, Elongation, Yield, Break, Stress Modulus, Strain, Tear Strength, peel Strength
- Force display unit: kN, N, tons, and mN
- Stress display unit : Gpa, Mpa, psi, N/sq.mm., Kg/sq.mm., & Tons/sq.inch
- User bdefine Yield Strength, Young Modulus, Offset Setting, Graph Offset, Export & Import test data

Unique Feature:

compliance or the supporting evidence that is found to be false either during evaluation. postqualification or the execution of the Contract mav be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]

- Over size prestressed 4 column with twin screw
- High toughness fragment safety guard with transparence sliding door
- High precision load cell ram
- Built-in shock absorbing system on base mounting
- Console Control Unit

TECHNICAL SPECIFICATIONS:

Load Capacity: 1200 kN Machine Class: Class 1 Load Accuracy: ±1%

Displacement Resolution: 0.001 mm Max. Compression Space: 900 mm Max. Tensile Space: 1000 mm

Piston Stroke: 200 mm

Max. Cross Head Speed: 240 mm/min

Test Speed: 100 mm/min

Wire Strand Size: Ø8 - Ø18 mm

Round Specimen Size: Ø14 - Ø45 mm

Flat Specimen Size: 40 mm

Max. Distance of Bending Test: 300 mm

Size of Compression Platen: Ø225 mm

Horizontal Clearance (max.): 505 mm

Load Frame:

Max. Bearing Deformation: ≤0.45 mm

Coaxility: <0.03 mm

Cylinder Layout: Lower Type

Max. Bearing Capacity of Oil Cylinder: 1500kN

Cylinder Linearity:

- Ellipticity : ≤ 0.015 mm - Verticacity : ≤ 0.003 mm - Roughness : \leq Ra 0.4 μ m

Oil Sources:

-Pump; Flow: 6.26 I/min Pressure: 20.4 Mpa

-Transducer; Sensitivity Coefficient: 2mv/v

Nonlinear: 0.2% FS Repeatability: 0.05%

Foce Measuring Range: 12 - 1200 kN

Relative Error of Test Force Indication: ± 1%

Force Resolution: 1/300000 FS

Displacement Resolution: 1/300000 FS

Displacement Indication Error: ≤± 0.5 mm

Deformation Resolution : 1/300000 FS

Deformation Resolution Error : ≤± 0.5%

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Equal Rate Control Range of Test Force : 0.1 - 4% FS

Displacement Constant Rate Control Range: 0.5 - 90 mm/min Strain Constant Rate Control Range: 0.00007 - 0.0025/s

Speed Control Accuracy Error : ≤± 1% of Set Value

Max. Distance Betweeb Upper & Lower Pressure Plates : 980
Paralleslism of Upper & Lower Pressing Plates : ≤ 0.01 mm

Flatness of Pressing Plate : < 0.016 mmHardness of Pressing Plate : > 55 HRC

Surface Roughness of Pressing Plate : < $0.8\mu m$ Max. Distance Between Stretching Jaws : 1090 mm Effective Distance Between Columns : 680 mm Clamping Width of Flat Specimen : $\leq 100 \text{ mm}$ Clamping Thickness of Flat Specimen : 0 - 40 mm Clamping Diameter of Round Specimen : 15 - 60 mm

Power: 220 V, 1 Ph, 50/60 Hz

UNIT STANDARD ACCESSORIES:

1 set Flat Specimen Jaw Set (0 - 40 mm Thick)

1 set Round Specimen Jaw Set A (Ø14 - Ø32 mm)

1 set Round Specimen Jaw Set B (Ø32 - Ø45 mm)

1 set Wire Strand Jaw Set (Ø8 - Ø18 mm)

1 set Compression Platen Set

1 set Bending Test Device c/w Mandrel

1 unit Footing Stopper Bar c/w Wall Plug (2 Bar & 4 Plug)

1 unit Computer Printer

1 unit Servo Pack

1 unit Electronic Extensometer 100 mm c/w 25 mm Gauge Deformation

1 set Electronic Extensometer 500 mm Gauge Length with 15 mm Deformation

1 unit 2 Steps Ladder

1 unit Servo Pack Console Control Unit with Built-in Computer and Pre-installed with Test Master Software
1 unit Analogue Dial Gauge 25mm x 0.01mm
1 unit Portabloe Flexural Test Device
1 unit Rectangular Hardened Platen come with Handles 17" (L) x 7" (W) x 30mm (T) (for maximum hollow block size of 6" x 6" x
16") 1 unit Aluminum Grip Piece for 12.7 mm Wire, Size : 1.5 mm (T) x 103° Angle x 16.8 (W) x 180 mm (L)
1 unit Aluminum Grip Piece for 15.6 mm Wire, Size : 1.5 mm (T) x 103° Angle x 22.4 (W) x 180 mm (L)
1 Copy of Manual Instruction
Inclusions:
with 3 Years Warranty
with Demo and Training
with Free Calibration after installation
with Certificate of Calibration valid for one (1) year
with One-time Free Preventive Maintenance
with Free Delivery

A.	

Section 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 (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR; Technical Documents Statement of the prospective bidder of all its ongoing government and private (b) contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and Statement of the bidder's Single Largest Completed Contract (SLCC) similar \Box (c) 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; and Original copy of Bid Security. If in the form of a Surety Bond, submit also a \Box (d) certification issued by the Insurance Commission; or Original copy of Notarized Bid Securing Declaration; and Conformity with the Technical Specifications, which may include (e) production/delivery schedule. manpower requirements, and/or aftersales/parts, if applicable; and Original duly signed Omnibus Sworn Statement (OSS); and if applicable, (f) 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 The prospective bidder's computation of Net Financial Contracting Capacity (g) A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation. Class "B" Documents If applicable, a duly signed joint venture agreement (JVA) in case the joint (h) venture is already in existence; 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.

Other documentary requirements under RA No. 9184 (as applicable)
 (i) [For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos] Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product. (j) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.
25 FINANCIAL COMPONENT ENVELOPE
(a) Original of duly signed and accomplished Financial Bid Form; and
(b) Original of duly signed and accomplished Price Schedule(s).

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	Nature of Work			a. Date Awarded	% of Accomplish			
Cost	c. Telephone Nos.	VVOIK	Description	%	b. Date Started c. Date of Completion	Planned	Actual	Works/ Undelivered Portion	
Government					·				
<u>Private</u>									
Note: This statement shall be supported with:					Total Cost				

1. Notice of Award and/or Contract

- 2. Notice to Proceed issued by owner
- 3. Certificate of Accomplishment signed by the owner or authorized representative

Submitted by:		
	(Printed Name and Signature)	

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STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT (SLCC) 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		der's Role a. Amount at Award b. Amount at c. Date c. Duration a. Date	
			Description	%		
Government						
Private						
Note: This statement shall be sup						

Note: This statement shall be supported with:

- 1. Contract
- 2. Certificate of Completion

3.	Certificate of Acceptance	
Sul	omitted by:(Printed Name and Signature)	
De	signation:	Date:

Bid Securing Declaration Form

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

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

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

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

I/We, the undersigned, declare that:

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

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

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

AFFIDAVIT

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

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

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

2. [Select one, delete the other:]

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

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

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
- 6. [Select one, delete the rest:]

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

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

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

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

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]

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

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:
of th	C = [(current asset – current liabilities) (15)] minus value of all ou e projects under ongoing contracts, including awarded contracts contract to be bid	
NFC	C = P	

Name of Supplier / Distributor / Manufacturer

Signature of Authorized Representative

_ .

NOTE:

Submitted by:

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.

Bid Form for the Procurement of Goods

[shall be submitted with the Bid]

	BID FORM
	Date :
Project Identif	ication No.:
To: [name and	d address of Procuring Entity]
Supplemental acknowledged <i>Goods]</i> in conforthe total call bid modification this Bid. The <i>the applicable other fiscal leville</i>	g examined the Philippine Bidding Documents (PBDs) including the or Bid Bulletin Numbers [insert numbers], the receipt of which is hereby dult, we, the undersigned, offer to [supply/deliver/perform] [description of the formity with the said PBDs for the sum of [total Bid amount in words and figures culated bid price, as evaluated and corrected for computational errors, and other ons in accordance with the Price Schedules attached herewith and made part of total bid price includes the cost of all taxes, such as, but not limited to: [specify taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iversity and duties], which are itemized herein or in the Price Schedules, If our difference in the price schedules is the price schedules.
a.	to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
b.	to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
c.	to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.
Comm	this paragraph if Foreign-Assisted Project with the Development Partner: issions or gratuities, if any, paid or to be paid by us to agents relating to this Bic t execution if we are awarded the contract, are listed below:
	ress Amount and Purpose of ency Commission or gratuity
(if none, state	"None")]
∐ntil a	formal Contract is prepared and executed, this Bid, together with your writte

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

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

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of [name of the bidder] as evidenced by the attached [state the written authority].

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

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

Price Schedule for Goods Offered from Within the Philippines

[shall be submitted with the Bid if bidder is offering goods from within the Philippines]

For Goods Offered from Within the Philippines

Name of Bidder	Project ID No	Page o	f	_					
1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EX W per item	Transportati on and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
Signature:	n the Bid for and behalf of:								

Price Schedule for Goods Offered from Abroad

[shall be submitted with the Bid if bidder is offering goods from Abroad]

For Goods Offer Name of Bidder	ed from Abroad Project ID No	o Pa	age of _					
1	2	3	4	5	6	7	8	9
Item	Description	Country of origin	Quantity	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)
			1 unit					
Α.								
			1 lot					
Name: Legal Capacity: _ Signature:	to sign the Bid for and behalf of:							