

**DEPARTMENT OF ENERGY**

Energy Center, Rizal Drive, Bonifacio Global City, Taguig City, Metro Manila

**QUANTITY****ARTICLE****APPROVED BUDGET FOR  
THE CONTRACT**

Repair, Maintenance, and Calibration of Base Load  
Conditioning Chamber and Cold Water Generator of  
LATL's Clothes Washing Machine Test Facility

One (1) lot

Labor Cost

PHP 125,000.00

Parts Replacement Cost

PHP 325,000.00

Total: PHP 450,000.00

**TERMS OF REFERENCE****I. GENERAL**

1. The function of the base load conditioning chamber of the Clothes Washing Machine Test Facility is to treat base load items in a controlled manner prior to its use in performance tests to determine their mass under standardized ambient conditions in compliance with the PNS IEC 60456. Base load items are left in the chamber with a controlled ambient temperature and humidity until their remaining moisture content is in equilibrium.

Parameter	Requirement	Tolerance
Ambient temperature	20 °C	± 2 °C
Ambient relative humidity	65 %	± 5 %

2. On the other hand, the function of the cold water generator is to maintain the temperature of the cold water supply during testing, which uses the Cotton 20°C reference programme for clothes washing machines with no internal heating and uses cold water wash, in compliance with the PNS IEC 60456. The water temperature requirements indicated below are reported every after-test series.

Parameter	Requirements	Tolerance
Water temperature		
• Cold water	15-20°C	±2.0°C
• Hot water	60°C	±2.0°C

**II. SCOPE OF WORK****For Base Load Conditioning Chamber**

- a. Conduct system repair to halt humidifier alarm in the control panel,
- b. Recharging of refrigerant,
- c. Lubrication of moving parts,
- d. Conduct general cleaning of indoor and outdoor units including sludge build-up in the evaporator
- e. Replacement of parts of evaporator
  - 1) heater
  - 2) humidifier
  - 3) float valve
  - 4) level switch
  - 5) sensors
  - 6) reverse osmosis system

- f. Supply additional parts as necessary for the system to work accordingly,
- g. Conduct calibration from accredited laboratory of the following:
  - 1) Humidity and Temperature sensor (rotronic HF320-WB1XXXXX)
  - 2) Temperature controller (Yokogawa UT32A)
  - 3) Humidity controller (Yokogawa UT32A)
  - 4) Graphic recorder (Chino KR2000)
- h. Perform functional and operational test of all pieces of equipment,
- i. Conduct system input and output check and provide necessary documentation and reports.

**For Cold Water Generator**

- a. Conduct system repair,
- b. Dismantling of leaked copper tube and suction header inside the cold water tank,
- c. Repair of one (1) damaged metal water pipe connection of Unit-Under-Test,
- d. Flushing and recharging of refrigerant in the condenser,
- e. Replacement of parts inside the cold water tank:
  - 1) Copper tube
  - 2) Suction header
  - 3) Liquid filter drier
  - 4) Two (2) metal float valves
  - 5) Four (4) plastic float valves
- f. Supply additional parts as necessary for the system to work accordingly,
- g. General cleaning of equipment, and
- h. Conduct system input and output check and provide necessary documentation and reports.

**III. TERMS AND CONDITIONS**

- 1. Price quoted must be firm and irrevocable and not subject to any change whatsoever even due to the increase of cost of raw materials/components and fluctuations in foreign rates and excise duties.
- 2. Accessory warranty must be good for three (3) months and service warranty must be good for one (1) year from the final acceptance of the completely accomplished work. In case of parts replacement, supplier should warrant that all components and accessories be new and of first quality according to specifications and shall be free of defects, and at the account of the contractor. The defects, if any, during guarantee period are to be rectified free of charges by arranging free replacement whenever necessary.
- 3. The service warranty shall include the preventive maintenance to be conducted every six (6) months during the warranty period.
- 4. One hundred percent (100%) of contract price will be released by DOE within 30 days from satisfactory performance of equipment after completion/delivery of service and after issuance of certificate of acceptance. Satisfactory performance of equipment includes demonstration of acceptable equipment performance, as much as possible through conduct of test runs using standards of intended tests.
- 5. DOE shall not provide accommodation and transportation, for the engineers/representatives for the performance and delivery of service. It is the absolute responsibility of the principal supplier/Philippine agent to make these arrangements.
- 6. Delivery of the service must be within 120 days upon the receipt of Job Order.
- 7. The successful contractor shall provide the following additional requirements:
  - PhilGEPS Registration
  - Updated Mayor's Permit
  - Omnibus Sworn Statement

Recommended by:

  
Isagani C. Soriano  
Chief, LATL

Approved by:

  
Amelia M. de Guzman, CESO IV  
Director, ERTLS

## PURCHASE REQUEST

Entity Name:

DEPARTMENT OF ENERGY

Fund Cluster: 01

[illegible]

TITLE OF PROCUREMENT/PURPOSE	Repair, Maintenance, and Calibration of Base Load Conditioning Chamber and Cold Water Generator of LATL's Clothes Washing Machine Test Facility
------------------------------	---

REQUESTED BY:

FUNDING FOR CONTRACTED-OUT REPAIR/SERVICES/PROJECT	
ESTIMATED AMOUNT:	PHP 450,000.00

ALLOCATED PROVIDED:

**PHP 450,000.00**

~~Jomar S. Landicho~~  
Supvg SRS, AES-LATD

Date \_\_\_\_\_

(Signature as per DO No. 2017-06-0008, Please indicate Name and Position)

APPROVED BY:

*Amelia M. de Guzman*  
Amelia M. de Guzman, CESO IV  
Director, ERTLS

8 July 2021  
Date

Isagani C. Soriano  
Chief SRS, LATD-ERTLS

Date \_\_\_\_\_

(Signature as per DO No. 2017-06-0008, Please indicate Name and Position)

(Signature as per DO No. 2017-06-0008, Please indicate Name and Position)

PPMD: FGD/IMR/JPC/ASC

PMD Procedure Code

01-Goods; 02-Services; 03-Consulting Services; 04-Infrastructure;  
05-Capital outlay

## 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]*