



**Bid Bulletin No. 5**

May 18, 2020

**Public Bidding No. 20-012-5**

**DESIGN, BUILD, AND COMMISSIONING OF MEDICAL GRADE OXYGEN  
 GENERATING PLANT FOR WESTERN VISAYAS MEDICAL CENTER**

Issued pursuant to Sec. 22.5 of the IRR of R.A. 9184 to clarify and/or amend certain provisions in the Bidding Documents issued for this project, considering the issues raised and clarifications made by prospective bidders during the **Pre-Bid Conference** held on **6 May 2020**, likewise, respond to bidders' written queries received within the prescriptive period for filing.

**A. AMENDMENTS**

REFERENCE	BASES FOR AMENDMENT								
<b>SECTION I. INVITATION TO BID</b>									
<b>INVITATION TO BID</b> Page 7  xxx 7. The schedule of bidding activities is as follows: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th style="text-align: center;">ACTIVITIES</th> <th style="text-align: center;">SCHEDULE</th> </tr> </thead> <tbody> <tr> <td>xxx</td> <td>xxx</td> </tr> <tr> <td>Last day of issuance of Bid Bulletin</td> <td style="text-align: center;"><del>May 13, 2020</del> May 19, 2020</td> </tr> <tr> <td>Deadline of Submission and Opening of Bids</td> <td style="text-align: center;"><del>May 20, 2020</del> May 26, 2020; 1:30 PM</td> </tr> </tbody> </table>	ACTIVITIES	SCHEDULE	xxx	xxx	Last day of issuance of Bid Bulletin	<del>May 13, 2020</del> May 19, 2020	Deadline of Submission and Opening of Bids	<del>May 20, 2020</del> May 26, 2020; 1:30 PM	To adjust the date of deadline of submission and opening of bids.
ACTIVITIES	SCHEDULE								
xxx	xxx								
Last day of issuance of Bid Bulletin	<del>May 13, 2020</del> May 19, 2020								
Deadline of Submission and Opening of Bids	<del>May 20, 2020</del> May 26, 2020; 1:30 PM								
<b>SECTION III. BID DATA SHEET</b>									
<b>BDS 28.2</b> page 46  For purposes of Post-qualification the following document(s) shall be required to be submitted within five (5) calendar days from receipt of notice from the BAC:  xxx  Latest Value Added Tax Returns (Form 2550M and 2550Q) or Percentage Tax Returns (Form 2551M) covering the months of <del>September, October, November, December of 2019 and January, February of 2020.</del> <u>August, September, October, November, December of 2019 and January of 2020</u>	To revise the requirement in relation to BIR's Revenue Regulation No. 11-2020								

## SECTION VI. SPECIFICATIONS

### CONFORMITY WITH TECHNICAL SPECIFICATIONS

#### Equipment and Auxiliary System: Medical Grade Oxygen Generating Plant

➤ **FEED AIR SYSTEM FOR OXYGEN GENERATOR**

Complete FEED AIR STATION including following parts:

A. AIR COMPRESSOR

- Oil injected and with variable speed drive or with full load/idle regulation

➤ **OXYGEN CYLINDERS FILLING STATION including 24 cylinders with working pressure of 150 bar and tested pressure of 150 bar**

xxx

Main technical data:

- Maximum filling flow: 8 m3/h
- Maximum filling pressure: 150 bar
- ~~Power supply: 230/380V, single/3-phases, 60 Hz~~

➤ ~~**STAND-BY MANIFOLD AS BACK-UP SYSTEM INCLUDING 24 CYLINDERS WITH AUTOMATIC CHANGE OVER SYSTEM – LOW PRESSURE**~~

xxx

➤ **PHARMACOPEIA MEDICAL GAS QUALITY CONTROL**

Medical Gas Quality Monitor - Complete Module  
Including CO / CO2 / O2 / NO / SO2 / H2O analyzers  
Includes:

xxx

- Oxygen Electromechanical or Electrochemical Analyzer
- Nitrogen Monoxide Electromechanical or Electrochemical Analyzer
- Carbon Dioxide Electromechanical or Infrared Analyzer
- Sulfur Dioxide Electromechanical or Electrochemical Analyzer

To clarify the requirement for better understanding

<b>SECTION VI. SPECIFICATIONS</b>																					
<b>TERMS OF REFERENCE</b> xxx <b>VII. DETAILED TECHNICAL SPECIFICATIONS</b> xxx <b>5. FEED AIR SYSTEM FOR OXYGEN GENERATOR</b> Complete FEED AIR STATION including following parts: A. AIR COMPRESSOR - Oil injected and with variable speed drive <u>or with full load/idle regulation</u> xxx <b>16. PHARMACOPEIA MEDICAL GAS QUALITY CONTROL</b> Medical Gas Quality Monitor - Complete Module Including CO / CO2 / O2 / NO / SO2 / H2O analyzers Includes: xxx - Oxygen Electromechanical <u>or Electrochemical</u> Analyzer - Nitrogen Monoxide Electromechanical <u>or Electrochemical</u> Analyzer - <u>Carbon</u> Dioxide Electromechanical <u>or Infrared</u> Analyzer - Sulfur Dioxide Electromechanical <u>or Electrochemical</u> Analyzer -		To clarify the requirement for better understanding																			
<b>SECTION IX. BIDDING FORMS</b>																					
<b>"Annex A" Bid Form</b> Page 90 xxx <table border="1"> <thead> <tr> <th>Item No.</th> <th>Qty/UOM</th> <th>Item / Description</th> <th colspan="2">Cost Breakdown</th> </tr> </thead> <tbody> <tr> <td rowspan="3">1</td> <td rowspan="3">1 Lot</td> <td rowspan="3"><i>Design, Build and Commissioning of Medical Grade Oxygen Generating Plant</i></td> <td><u>Design</u></td> <td><b>P</b></td> </tr> <tr> <td>Construction</td> <td><b>P</b></td> </tr> <tr> <td>Equipment</td> <td><b>P</b></td> </tr> <tr> <td colspan="3"></td> <td><b>Total Price:</b></td> <td><b>P</b></td> </tr> </tbody> </table>		Item No.	Qty/UOM	Item / Description	Cost Breakdown		1	1 Lot	<i>Design, Build and Commissioning of Medical Grade Oxygen Generating Plant</i>	<u>Design</u>	<b>P</b>	Construction	<b>P</b>	Equipment	<b>P</b>				<b>Total Price:</b>	<b>P</b>	To clarify the requirement for better understanding
Item No.	Qty/UOM	Item / Description	Cost Breakdown																		
1	1 Lot	<i>Design, Build and Commissioning of Medical Grade Oxygen Generating Plant</i>	<u>Design</u>	<b>P</b>																	
			Construction	<b>P</b>																	
			Equipment	<b>P</b>																	
			<b>Total Price:</b>	<b>P</b>																	

For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~Double Strike out~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and "xxx" – denotes separation of phrase/s being amended from the rest of the main text.

## B. CLARIFICATIONS

The Department of Budget and Management - Procurement Service, Bids and Awards Committee hereby clarifies prospective bidders' concerns and queries:

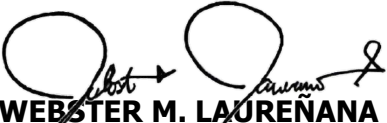
ITEM	CONCERN	REFERENCE	CLARIFICATION/ RESOLUTION
<b>SECTION III. BID DATA SHEET</b>			
1	One of the prospective bidders asked about the requirement for Single Largest Completed Contract (SLCC). And if a Small B contractor is exempted in the said requirement	<p><b>BDS 12.1</b> Page 41</p> <p>For this purpose, similar contracts shall refer to: <b><i>any contract in CONSTRUCTION AND COMMISSIONING OF MEDICAL FACILITIES (EQUIPMENT) with a contract amount of at least Php 14,423,077.00</i></b></p>	<p>The bidder must have completed both construction and commissioning of medical facilities or medical equipment.</p> <p>Contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB.</p>
2	Clarification if the bidders are still required to conduct site inspection even the entire Philippines is under "Community Quarantine"	<p><b>BDS 12.1</b> page 42</p> <p>In the submission of bids, the following additional documents are required to be submitted during the opening of bids.</p> <p>xxx</p> <p>a. <i>Affidavit of Site Inspection, accompanied with certificate that the contractor conducted site inspection issued by Western Visayas Medical Center.</i></p>	Original requirement shall be maintained.
3	To validate with the Bureau of Internal Revenue on the requirement for Valid Tax Clearance Certificate that was expired during the period of "Community Quarantine" in the Philippines.	<p><b>BDS 12.1(a)(i)</b> page 42</p> <p>xxx</p> <p>b. <i>Valid and current Tax Clearance</i></p>	Consistent with the requirement, the bidder must submit valid Tax Clearance Certificate during the Opening of Bids.

For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~Double Strike out~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and "xxx" – denotes separation of phrase/s being amended from the rest of the main text.

4	To validate with the Bureau of Internal Revenue on the requirement for Annual Income Tax Return for year 2018 (BIR Form 1701 or 1702)	<p><b>BDS Clause 28.2</b> Page 46</p> <p>For purposes of Post-qualification, the following document(s) shall be required to be submitted within five (5) calendar days from receipt of notice from the BAC:</p> <p><i>1. Income Tax Returns for year <b>2018</b> (BIR Form 1701 or 1702)</i></p>	Consistent with the requirement and in line with the BIR's Revenue Regulations No. 11-2020, the due date for <i>Annual Income Tax Return for calendar year ending to December 31, 2019 (BIR form 1700, 1701, 1702)</i> are extended until June 14, 2020
5	To validate with the Bureau of Internal Revenue for the requirement of Latest Value Added Tax Returns for the months of March and February of 2020	<p><b>BDS Clause 28.2</b> Page 46</p> <p>For purposes of Post-qualification, the following document(s) shall be required to be submitted within five (5) calendar days from receipt of notice from the BAC:</p> <p><i>2. Latest Value Added Tax Returns (Form 2550M and 2550Q) or Percentage Tax Returns (Form 2551M) covering the months of <b>September, October, November, December of 2019 and January, February of 2020.</b></i></p>	<p>In line with the BIR's Revenue Regulations No. 11-2020, the due date for <i>Value Added Tax Returns (Form 2550M and 2550Q)</i> for the months of February and March 2020 are extended until May 20, 2020 and June 5, 2020 respectively.</p> <p>Refer to the above amendments.</p>

All other portions of the Bidding Documents affected by these amendments shall be made to conform to the same.

Amendments/inclusions/clarifications made herein shall be considered an integral part of the Bidding Documents.

  
**WEBSTER M. LAUREANA**  
 Chairperson, Bids and Awards Committee V

For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~Double Strike~~ ~~out~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and “xxx” – denotes separation of phrase/s being amended from the rest of the main text.

# CONFORMITY WITH THE TECHNICAL SPECIFICATIONS

**EQUIPMENT AND AUXILLARY SYSTEM** : **Medical Grade Oxygen Generating Plant**

**QUANTITY** : **1 lot**

AGENCY SPECIFICATIONS		BIDDER'S STATEMENT OF COMPLIANCE	REFERENCE
<p><b>Medical Grade Oxygen Generating Plant</b>, complies with the following minimum requirements unless specified:</p>	<b>QUANTITY</b>	<b>Brand and Model:</b>	
<p><b>OXYGEN GENERATOR - High Flow efficiency</b></p> <ul style="list-style-type: none"> <li>• Switchgear and pneumatic "two in one" cubicle with PLC inside</li> <li>• 2 molecular sieve beds</li> <li>• Air inlet filtration</li> <li>• Set with valves, hoses and connectors</li> </ul> <p><b>Main Technical Data:</b></p> <ul style="list-style-type: none"> <li>• Maximum produced oxygen flow: 21 m3/h per system (Total 42 m3/h)</li> <li>• Produced oxygen concentration range: 95% ± 1%</li> <li>• Produced oxygen pressure level: 4.5 - 6 bar</li> </ul>	<b>2 units</b>		
<p><b>OXYGEN TANK 1000 L WITH ACCESSORIES</b></p> <p>Oxygen Reservoir for Oxygen Generator, with all safety accessories in compliance with "Pressurized Apparatus" Directive</p> <ul style="list-style-type: none"> <li>• Standing design</li> <li>• Capacity: 1000 Liters (Total: 2000 Liters)</li> <li>• Pressure: 6 bar</li> </ul>	<b>2 units</b>		

*For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~Double Strike out~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and "xxx" – denotes separation of phrase/s being amended from the rest of the main text.*

<p><b>ANTI BACTERIAL STERILE FILTER FOR MEDICAL OXYGEN - STAINLESS STEEL</b></p> <p><b>Oxygen outlet filtration:</b></p> <ul style="list-style-type: none"> <li>• Maximum solid particles size: 0.01 μm</li> </ul>	<p><b>2 units</b></p>		
<p><b>OXYGEN ANALYZER COMPLETE SYSTEM WITH PARAMAGNETIC CELL &amp; AUTOMATIC SHUT-OFF VALVE</b></p> <p>Oxygen Analyzer connected to an electronic programmable panel which shuts off the oxygen production if the concentration drops under the required level</p>	<p><b>2 units</b></p>		
<p><b>FEED AIR SYSTEM FOR OXYGEN GENERATOR</b></p> <p><u>Complete FEED AIR STATION including following parts:</u></p> <p><b>A. AIR COMPRESSOR:</b></p> <ul style="list-style-type: none"> <li>• Lubricated screw air compressor</li> <li>• Oil injected and with constant speed drive <u>or with full load/idle regulation</u></li> <li>• Air cooler and after cooler</li> <li>• Set of hoses and connectors</li> <li>• Power Rating: 32-45 kW / 10 bar</li> <li>• Electrical power supply : 380-400 V, single/3 phases 60Hz and to provide step up dry type transformer(if needed) adaptable to local utility company the aforementioned 220V, single/3 phases 60Hz base on the available power supply of the hospital</li> </ul> <p><b>B. AIR TREATMENT UNIT:</b></p> <ul style="list-style-type: none"> <li>• Refrigeration drying system</li> <li>• LED dew point monitor with alarm, inter-connected with O<sup>2</sup> Generator</li> <li>• Hose and connectors</li> <li>• Dew point : + 3°C</li> <li>• Electrical Power Supply: 230V/380V, Single/3 phases, 60Hz</li> </ul>	<p><b>2 units</b></p>		
<p><b>AIR RECEIVER</b></p> <ul style="list-style-type: none"> <li>• Configuration: Vertical tank</li> <li>• Capacity : 1000 L (Total: 2000 Liters)</li> <li>• Working pressure: 10 bar</li> </ul>	<p><b>2 units</b></p>		

For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~Double Strike out~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and “xxx” – denotes separation of phrase/s being amended from the rest of the main text.

<ul style="list-style-type: none"> <li>Equipment: connector set, safety valve, isolation valve, drain valve pressure gauge</li> </ul>			
<p><b>UPGRADING SYSTEM FOR HIGH TEMPERATURE</b></p> <p>Upgraded Feed Air Unit configuration: Suitable for air ambient temperature up to 37°C max.</p>	<b>2 units</b>		
<p><b>OXYGEN PRESSURE REDUCING SET</b></p>	<b>1 unit</b>		
<p><b><u>OXYGEN CYLINDERS FILLING STATION including 24 cylinders with working pressure of 150 bar and tested pressure of 150 bar</u></b></p> <ul style="list-style-type: none"> <li>Oxygen HP compressor</li> <li>Rack for 4 cylinders (to be wall mounted)</li> <li>4 manifolds</li> <li>4 HP flexible hose</li> </ul> <p>BS standard connections or other standards based on hospital request, cylinders to be included</p> <p><b>Main technical data:</b></p> <ul style="list-style-type: none"> <li>Maximum filling flow: 8 m3/h</li> <li>Maximum filling pressure: 150 bar</li> </ul>	<b>1 unit</b>		
<p><b>AUTOMATIC CHANGE OVER SYSTEM - LOW PRESSURE</b></p> <p>Automatic Change Over System, designed to automatically open the backup supply when the oxygen pressure coming from the generator drops under the required level.</p> <p>Wall mounted box featuring:</p> <ul style="list-style-type: none"> <li>Solenoid valve</li> <li>Pressure switch</li> <li>Relief valve</li> <li>Non Return Valves</li> <li>Valves kit with pigtails</li> </ul>	<b>1 unit</b>		
<p><b>SD MEMORY CARD</b></p>	<b>2 units</b>		
<p><b>TCP/IP SYSTEM FOR REMOTE CONTROL AND COMMAND OF OXYGEN</b></p>	<b>3 units</b>		

For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~Double Strike out~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and “xxx” – denotes separation of phrase/s being amended from the rest of the main text.



<p><b>CENTRAL SUPERVISION CONTROL PANEL</b></p> <ul style="list-style-type: none"> <li>• Tailored Central Supervision System with advanced functions for overview, monitoring and control of the production plant.</li> <li>• Colour touch screen panel</li> <li>• Dedicated management software</li> <li>• Machine status displays</li> <li>• Continous data recording with the file extraction capability for computer analysis</li> <li>• Default alarms and reporting</li> </ul>	<p><b>1 unit</b></p>		
<p><b>ALARM MESSAGING SYSTEM TO MOBILE PHONE</b></p>	<p><b>2 units</b></p>		
<p><b>WATER/OIL SEPARATOR FOR DRAINS TREATMENT</b></p> <p>Oil/water separators purifying condensates from compressed air to meet regulations. Suitable for up to 90 kW compressor</p>	<p><b>1 unit</b></p>		
<p><b>PHARMACOPEIA MEDICAL GAS QUALITY CONTROL</b></p> <p>Medical Gas Quality Monitor - Complete Module</p> <p>Including CO / CO2 / O2 / NO / SO2 / H2O analyzers</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>• High Definition colour touch screen panel</li> <li>• Embedded monitoring Software</li> <li>• Wall mounted housing</li> <li>• Water vapour capacitive probe Analyzer</li> <li>• Oxygen Electromechanical <u>or</u> <u>Electrochemical</u> Analyzer</li> <li>• Nitrogen Monoxide Electromechanical <u>or</u> <u>Electrochemical</u> Analyzer</li> <li>• <u>Carbon</u> Dioxide Electromechanical <u>or</u> <u>Infrared</u> Analyzer</li> <li>• Sulfur Dioxide Electromechanical <u>or</u> <u>Electrochemical</u> Analyzer</li> </ul>	<p><b>1 unit</b></p>		
<p><b>PREVENTIVE MAINTENANCE KIT FOR TWO (2) YEARS OR 8000 HRS</b></p>	<p><b>1 unit</b></p>		

For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~Double Strike out~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and “xxx” – denotes separation of phrase/s being amended from the rest of the main text.

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

_____ Name of Company	_____ Signature Over Printed Name of Authorized Representative	_____ Date
--------------------------	--	---------------

*For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~Double Strike out~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and “xxx” – denotes separation of phrase/s being amended from the rest of the main text.*

**Bid Form**

Date: \_\_\_\_\_  
 Invitation to Bid No: PB 20-012-5

**To: PROCUREMENT SERVICE**  
*Bids and Awards Committee V*  
*2nd Floor, PS Complex, RR Road*  
*Cristobal St., Paco, Manila*

We, the undersigned, declare that:

- (a) We have examined and have no reservation to the Bidding Documents, including Addenda, for the Contract *[insert name of contract]*;
- (b) We offer to execute the Works for this Contract in accordance with the Bid and Bid Data Sheet, General and Special Conditions of Contract accompanying this Bid;

Item No.	Qty/UOM	Item / Description	Cost Breakdown	
1	1 Lot	<i>Design, Build and Commissioning of Medical Grade Oxygen Generating Plant</i>	<u>Design</u>	<b>P</b>
			Construction	
			Equipment	<b>P</b>
			<b>Total Price:</b>	<b>P</b>

**TOTAL PRICE IN WORDS**

Item No. 1: \_\_\_\_\_

- (c) Our Bid shall be valid for a period of *[insert number]* days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract;
- (e) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from the following eligible countries: *[insert information]*;

*For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~Double Strike out~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and “xxx” – denotes separation of phrase/s being amended from the rest of the main text.*

- (f) We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- (g) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract, has not been declared ineligible by the Funding Source;
- (h) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- (i) We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- (j) We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the *[Name of Project]* of the *[Name of the Procuring Entity]*.
- (k) We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: \_\_\_\_\_  
 In the capacity of: \_\_\_\_\_  
 Signed: \_\_\_\_\_  
 Duly authorized to sign the Bid for and on behalf of: \_\_\_\_\_  
 Date: \_\_\_\_\_