

# Procurement Management of the Resources Used on Testing COVID-19 Cases in the Bicol Regional Diagnostic and Reference Laboratory (BRDRL)

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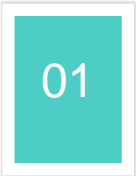
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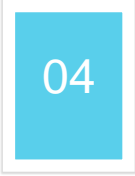


# Presentation Agenda



## Introduction/Background

Overview

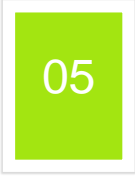


## Results and Discussions

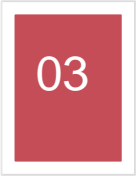


## Objectives

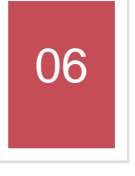
General & Specific Objectives



## Findings & Conclusions



## Methods and Materials



## Recommendations



# Introduction / Background Overview



**World Health Organization**

characterized COVID-19 as a pandemic  
March 11, 2020  
confirmed cases of COVID-19  
Worldwide: 13,876,441  
(As of July 18, 2020)



Philippines under State of Calamity  
Proc. 929 s. 2020 (March 16, 2020)  
confirmed cases of COVID-19  
Philippines:  
41,464 (Active)  
65,304 (Total confirmed cases)  
Bicol:  
146 (Active)  
273 (Total confirmed cases)  
Albay:  
23 (Active)  
98 (Total confirmed cases)  
  
(As of July 18, 2020)



Bicol Regional Diagnostic and Reference Laboratory (BRDRL)  
A COVID-19 symptomatic testing center  
A DOH-run facility in Legazpi City

## Procurement Management

Republic Act No. 9184  
Government Procurement Reform Act

GPPB Resolution No. 03-2020  
Negotiated Procurement (Emergency Case)



# Objectives

## General Objective

The study mainly aims to determine and analyze the procurement transactions made by the Department of Health Regional Office V on testing COVID-19 Cases in the Bicol Regional Diagnostic and Reference Laboratory (BRDRL).

# Specific Objectives

1. To provide statistics on the specimens processed by the Bicol Regional Diagnostic and Reference Laboratory;
2. To assess the procurement management of the resources being purchased by the DOH for use of BRDRL to facilitate the covid-19 testing; and,
3. To identify the procurement needs of BRDRL through DOH that may further enhance their operation on specimen testing.

# Materials & Methods

## Sources of Data:

- COVID-19 DOH Data Drop

(<http://www.doh.gov.ph/covid19tracker>)

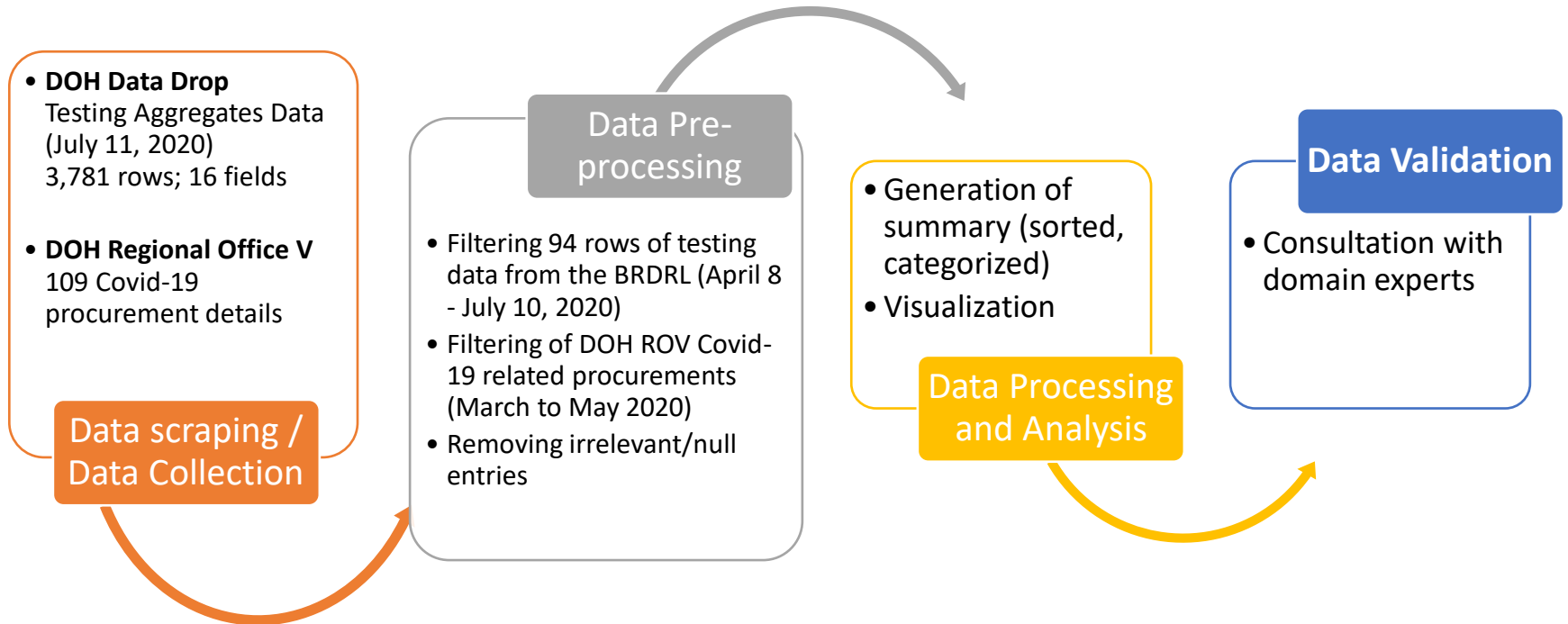
Testing Aggregates Data

- Department of Health Regional Office V (Covid-19 Procurement Data)

## Qualitative Method:

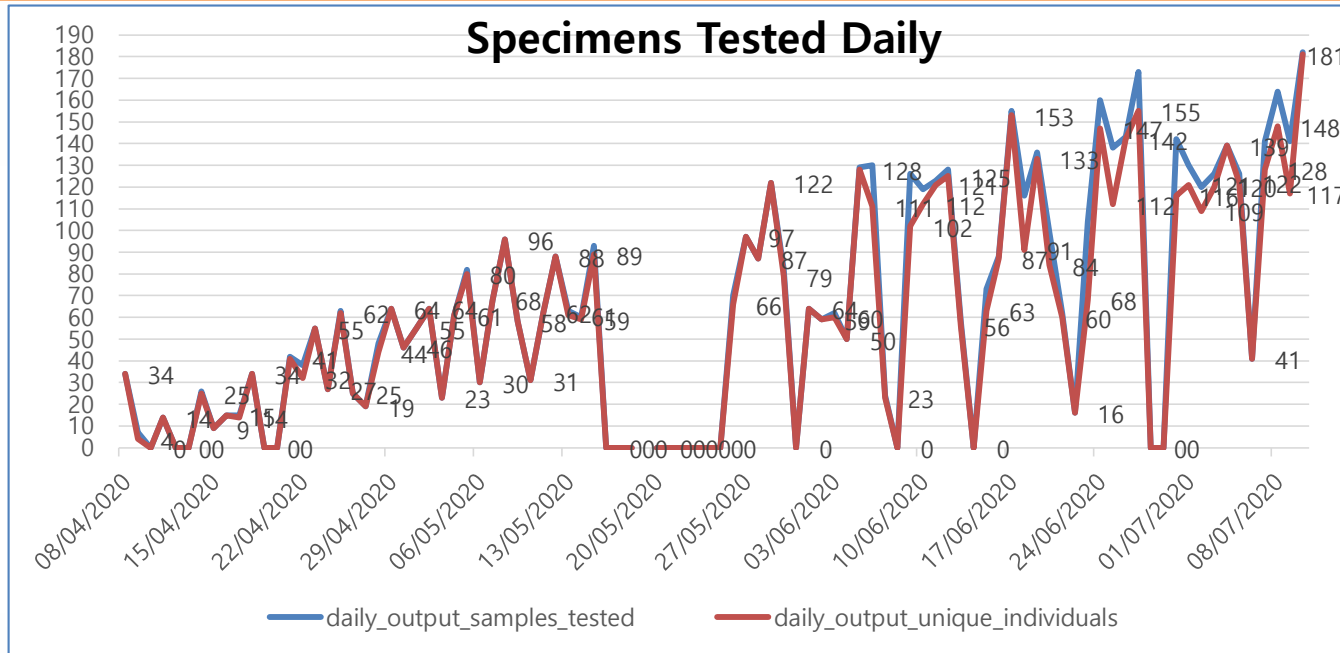
- Analysis & visualization

# Materials & Methods



# Results and Discussions

1. To provide statistics on the specimens processed by the Bicol Regional Diagnostic and Reference Laboratory;

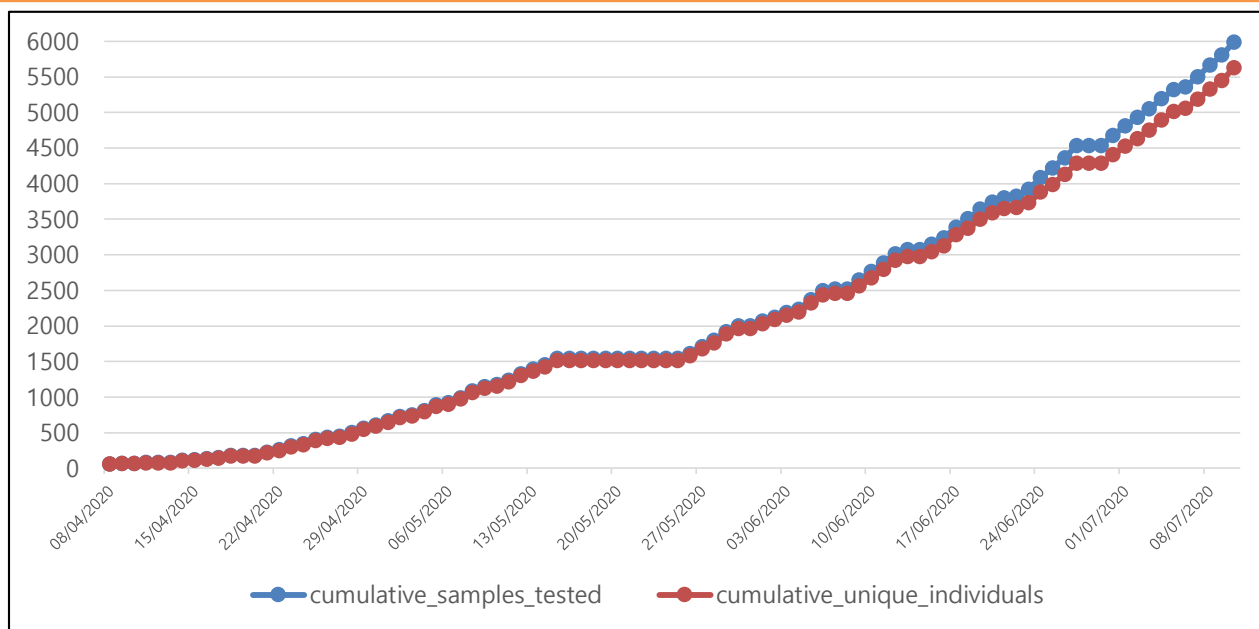


- results : positive, negative, equivocal or invalid
- sum of all unique individuals tested: positive or negative
- BRDRL started with a testing capacity of 34 samples on April 8, 2020 with only one PCR machine.
- May 16-25, 2020 has zero samples tested since testing for coronavirus disease 2019 stopped when Typhoon "Ambo" damaged the exhaust duct at the roof of the facility.
- According to DOH RO V, Bicol has 'zero backlog' in COVID-19 testing
- With the two RT-PCR machines and automated extraction machine donated by the LGU Legazpi and a private donor, the laboratory in BRDRL can already test 380 to 420 samples per day,
- 182 is the highest number of total specimens processed in a day (July 10), hence testing capacity has not yet been maximized



# Results and Discussions

1. To provide statistics on the specimens processed by the Bicol Regional Diagnostic and Reference Laboratory;

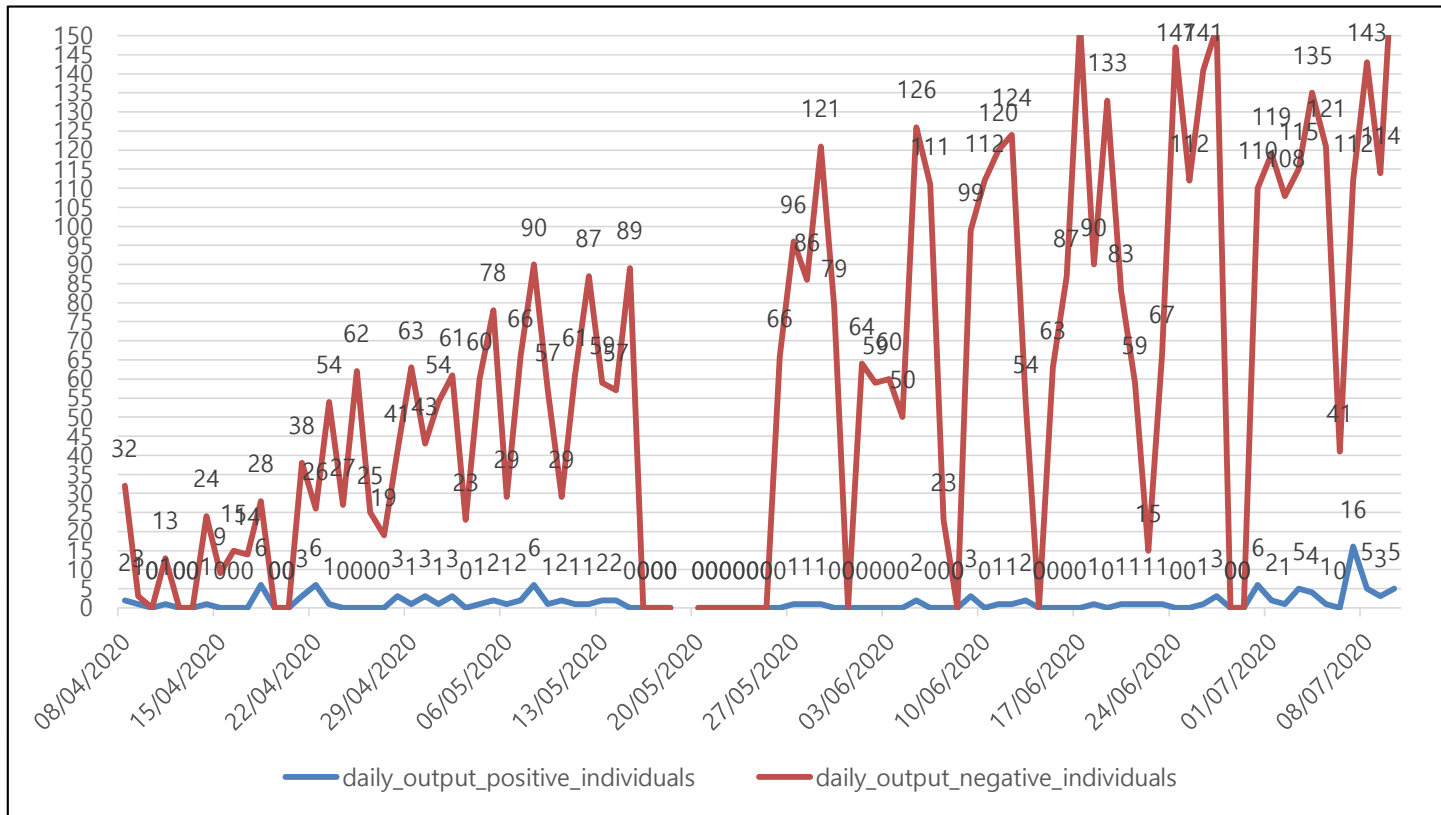


## Cumulative Number of Specimens Tested Daily

- sum of all specimens tested with validated results from the start of laboratory operation up to the reporting date.
- cumulative number of unique individuals tested which is the total number of unique individuals who underwent COVID-19 testing, regardless of result, accumulated since the start of operations in the laboratory.
- one individual, with 2 or more specimen results will only be counted once.
- As of July 10, a total of 5988 samples and 5629 unique individuals were tested.

# Results and Discussions

1. To provide statistics on the specimens processed by the Bicol Regional Diagnostic and Reference Laboratory;

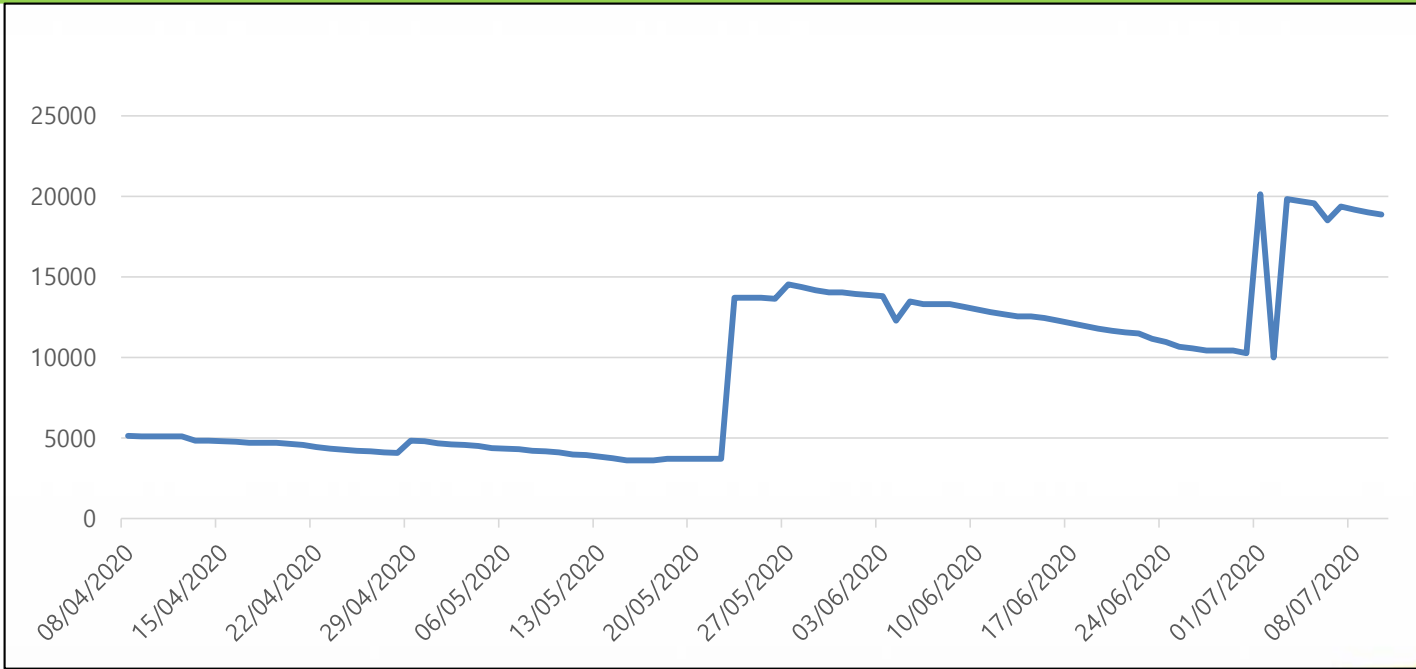


**BRDRL Daily Testing Results**



# Results and Discussions

2. To assess the procurement management of the resources being purchased by the DOH for use of BRDRL to facilitate the covid-19 testing; and,



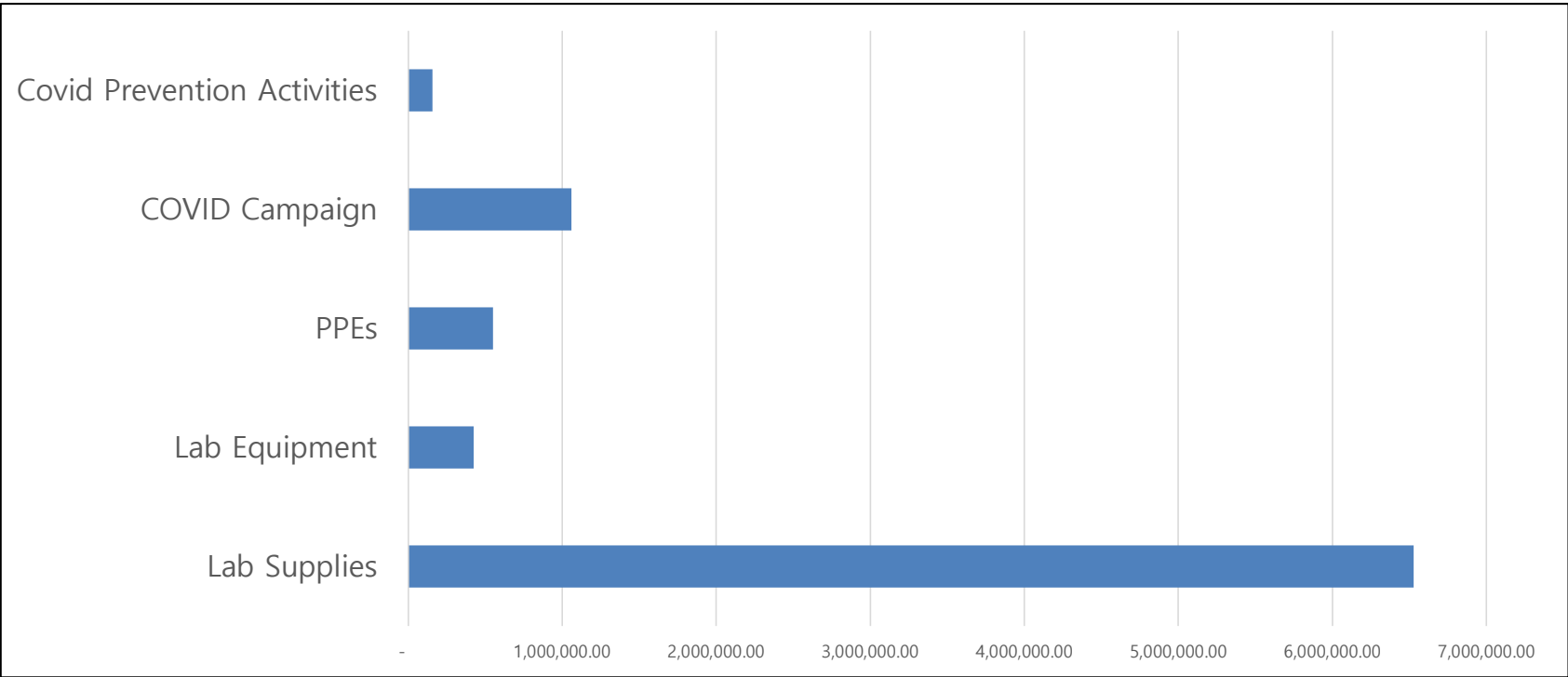
## BRDRL Remaining PCR Testing Kits

- As of July 10, 2020, 18,865 tests can still be conducted.
- It implies that there is available testing kits to conduct COVID-19 testing with Bicol having 'zero backlog' in testing.



# Results and Discussions

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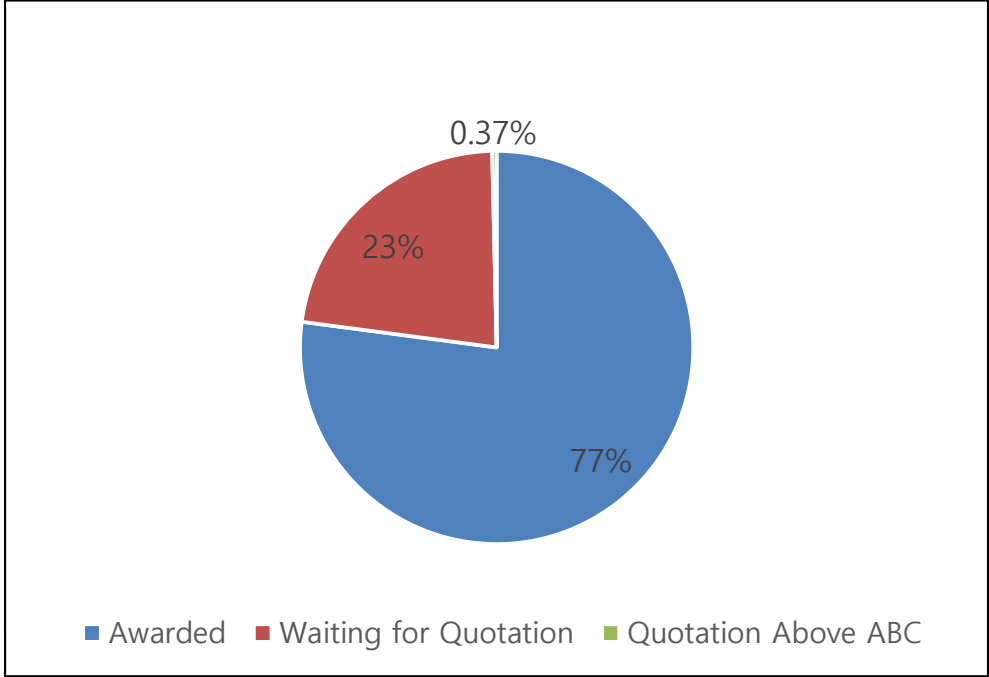
**DOH RO V Awarded Covid-19 Procurement Activities (March to May 2020)**

# DOH RO V Awarded Covid-19 Procurement Activities

1. Purchase of laboratory supplies : Highest cost is on purchase of the Viral RNA Extraction kit & Consumables with an approved budget contract of approximately 4 million
2. Conduct of covid19 related campaigns : Placement of Radio / TV Infomercials as well as various signages for COVID-19 response and containment
3. Purchase of Personal Protective Equipment (PPE) : Procurement of surgical gowns, surgical masks, goggles, coverall, shoe cover and head cover which are vital in the conduct of the testing procedures
4. Purchase of laboratory equipment : Purchase of equipment such as LED Digital Dry Bath / DRY Block Heater
5. Conduct of covid-19 prevention activities: accommodation or quarantine for health workers and technicians from NCR as well as anti-bacterial fogging / misting treatment to ensure that the workplace is properly disinfected, ventilated, and maintained as part of infection control procedures.

# Results and Discussions

3. To identify the procurement needs of BRDRL through DOH that may further enhance their operation on specimen testing.



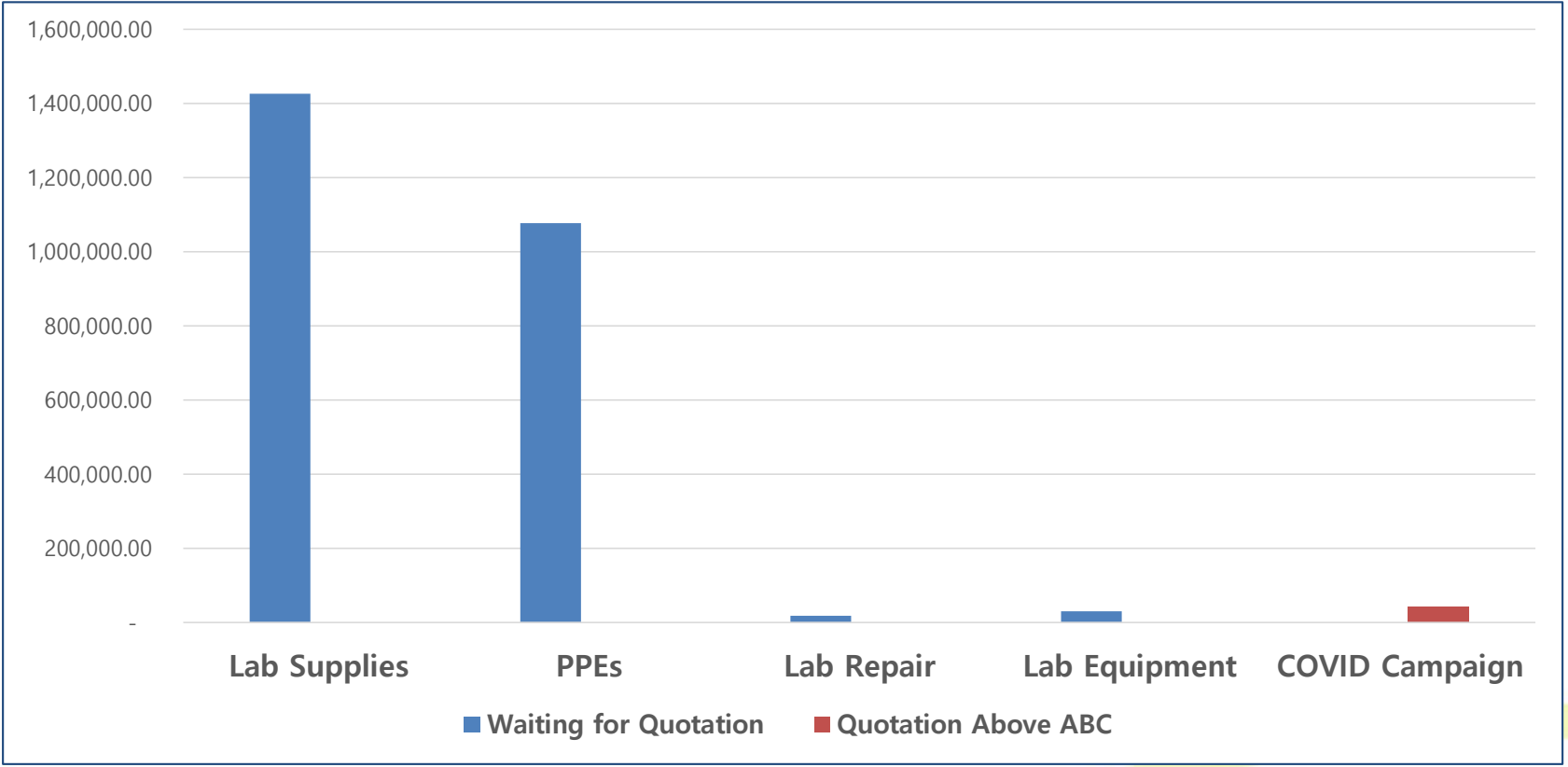
## DOH RO V Status of Purchase Requests for Covid-19 Procurement Activities

- 77% (8.6 Million worth ) : already awarded
- 23% (2.5 Million) is waiting for quotation and
- 0.37% (41,000) has a quotation that is above the approved budget for the contract
- This shows that most of the requested items to be purchased has been already awarded



# Results and Discussions

3. To identify the procurement needs of BRDRL through DOH that may further enhance their operation on specimen testing.



**DOH RO V Covid-19 Procurement Needs**



# Findings and Conclusions

1. To provide statistics on the specimens processed by the Bicol Regional Diagnostic and Reference Laboratory;

Findings	Conclusions
<ul style="list-style-type: none"><li>• BRDRL started with a testing capacity of 34 samples with only one PCR machine and increased it to 182 specimens in a day with 3 PCR machines.</li><li>• With the availability of 3 RT-PCR machines and automated extraction machine, 380 to 420 samples can already be tested per day, however, 182 is the highest number of total specimens processed in a day so far so, testing capacity has not yet been maximized</li><li>•</li></ul>	<ul style="list-style-type: none"><li>• Bicol having 'zero backlog' in testing and with available PCR testing kits can be partly attributed to the strong partnership with the LGU of Legazpi City.</li></ul>





# Findings and Conclusions

2. To assess the procurement management of the resources being purchased by the DOH for use of BRDRL to facilitate the covid-19 testing; and,

Findings	Conclusions
<ul style="list-style-type: none"><li>• 77% of the procurement activities of DOH Regional Office V in relation to covid19 is already awarded.</li><li>• These are the resources being purchased by the DOH for use of BRDRL to facilitate the covid-19 testing. The biggest procurement cost is on purchase of laboratory supplies followed by conduct of covid19 related campaigns, purchase of Personal Protective Equipment (PPE), purchase of laboratory equipment and conduct of covid-19 prevention activities.</li><li>• PCR Testing kits are available to conduct COVID-19 testing</li></ul>	<p>DOH Regional Office V so far had shown to have managed well their covid-19 related procurement activities for BRDRL.</p>



# Findings and Conclusions

3. To identify the procurement needs of BRDRL through DOH that may further enhance their operation on specimen testing.

Findings	Conclusions
<ul style="list-style-type: none"><li>• Around 23% procurement activities of the DOH RO V are not yet awarded. In terms of the ABC, the procurement needs with the highest ABC is the purchase of laboratory supplies, followed by purchase of Personal Protective Equipment (PPE), Covid-19 Campaign, purchase of laboratory equipment and repair of the laboratory.</li></ul>	<ul style="list-style-type: none"><li>• During an emergency like the COVID-19 crisis, procurement procedures need to be as fast as possible as it adheres to the rules however, this need to be public and open.</li></ul>



# Recommendations

- Other local government units may replicate the partnership of Legazpi City with DOH.
- Procurement data be disclosed publicly online or in the DOH ROV website.
- Open procurement data be made available to public since it may enable fairer competition among companies, allow to detect fraud, as well as deliver better services for governments and citizens.
- Publishing data for each step of the contracting process is highly recommended to promote transparency and accountability.
- GPPB to establish an online platform to allow for an online submission and receipt of bids for various procurement modalities by all procuring entities.
- COVID-19 procurement strategies need to be rapidly updated to form a global, digital and data-driven plan.

# References

1. WHO. (2020, July 18). WHO Coronavirus Disease (COVID-19) Dashboard. Retrieved July 19, 2020, from <https://covid19.who.int/>
2. UNDP. (2020, May 14). Coronavirus disease COVID-19 pandemic. Retrieved May 29, 2020, from <https://www.undp.org/content/undp/en/home/coronavirus.html>
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5. <http://www.doh.gov.ph/covid19tracker>



**THANK YOU!** 😊

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