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Department of Agriculture

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Project ID: 2024-05-0268

Project Name: Establishment of Swine Artificial Insemination (AI) sa Barangay with

facilities and Equipment

Project Location: Infanta, Pangasinan

BID BULLETIN NO. 3

June 6, 2024

Subject: Supplemental Plan and Specification for the Electrical Layouts of the Shower Room

This Bid Bulletin No. 3 is issued as a supplemental provision in the Bidding Documents (BDs) for the above stated Project.

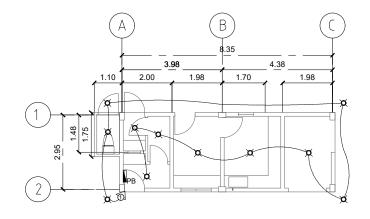
Attached herewith the Plans and Specifications of the Electrical Layouts of the Shower Room.

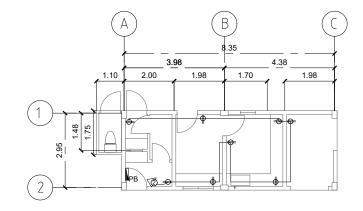
This supplemental Bulletin shall form an integral part of the said Bidding Documents.

For the guidance and information of all concerned.

GRACE T. VENTURA, Ph.D.

BAC Chairperson







SCHEDULE OF LOADS AND COMPUTATIONS

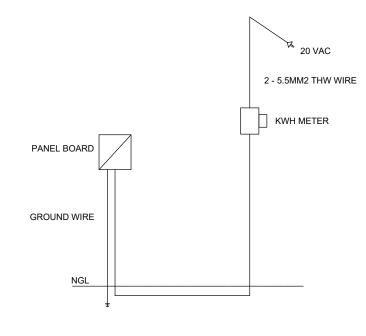
CKT NO.	L.O.	C.O.	TOTAL LOADS			CIRCUIT	SIZE OF WIRE	SIZE OF		
			VA	VOLTS	AMPS	BREAKER	SIZE OF WIRE	CONDUIT		
1	11		1100	230	4.78	15 AT 2P 2-2.0mm2 THW WIRE		½"Ø PVC		
2		8	1440	230	6.26	20 AT 2P	2-3.5mm2 THW WIRE	½"Ø PVC		
тот			2540	230	11.04	30 AT 2P	2-5.5mm2 THW WIRE	3 <u>"</u> Ø PVC		

LIGHTING LAYOUT PLAN

COMPUTED LOAD = 2540/230V = 11.04 AMPS

USE FEEDER CONDUCTOR 2-5.5MM2 THW WIRE IN $\frac{3}{4}$ " PVC CONDUIT MAIN PROTECTION

CIRCUIT BREAKER 30 AT 2P 230V



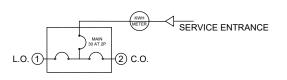


GENERAL ELECTRICAL NOTES AND SPECIFICATIONS

- 1. ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, REQUIREMENTS OF THE LOCAL AUTHORITIES ENFORCING THE CODE, AND THE REQUIREMENTS OF THE POWER SERVICE COMPANY
- 2.ALL WIRES SHAL BE COPPER TYPE T.W. INTERMIDIATE PVC CONDUIT (IMC) OR UNLESS OTHERWISE SPECIFIED.
- 3. ALL JUNCTION UTILITY. SQUARE AND PULL BOXES SHALL BE GAUGE # 18 OR APPROVED EQUIVALENT AND SHALL BE PAINTED WITH ONE COAT PRIMER PRIOR TO INSTALLATION.
- 4. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF THE APPROVED TYPE, APPROPRIATE WITH THE LOCATION AND INTENDED USE.
- 5. POWER SUPPLY SHALLBE 220 VOLTS, SINGLE PHASE, 60 HERTS, TWO WIRE SYSTEM.
- 6. ALL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY QUALIFIED AND LICENSED ELECTRICAL ENGINEER OR MASTER ELECTRICIAN.
- 7. MINIMUM SIZE OF CONDUCTORS SHALL BE 2.0 mm T.W. IN 15 mm TRADE SIZE.
- 8. ALL WALL OUTLETS SHALL BE INSTALLED AT THE FOLLOWING HEIGHT ABOVE FINISHED FLOOR LEVEL UNLESS OTHERWISE NOTED.

A. WALL SWITCHES 1.50 mts. B. CONVENIENCE OUTLET 0.30 mts. C. PANEL BOARD 1.80 mts. D. ELECTRIC METER 1.50 mts E. SERVICE ENTRANCE

- 9. ALL VERTICAL AND HORIZONTAL CONDUIT SHALL BE CONCEALED OR EMBEDDED ON CONCRETE WALLS AND FLOORS.
- 10.ALL CONDUITS SHALL BE PROPERLY REAMED PRIOR TO INSTALLATION TO DAMGES TO THE SKIN OF THE WIRE.
- 11. WORKMANSHIP OF THE WORK THROUGHOUT SHALL BE EXECUTED IN THE BEST AND MOST THOROUGH MANNER KNOWN TO THE TRADE AND TO THE SATISFACTION OF THE ARCHITECT AND THE ENGINEER.





ARCHITECT. NO CO ALTERATIONS AND/O BE DONE, IN PART		ENGINEEER	PRC. NO.	PROJECT TITLE	OWNER	APPROVED BY	APPROVED BY	NO.	REVISIONS	DATE	SHEET CONTENT	PROJECT NO.
	THESE DRAWINGS ARE THE SOLE PROPERTY OF THE ARCHITECT. NO COPIES, SIMILAR REPRODUCTIONS, ALTERATIONS AND/OR REVISIONS OF ANY KIND ARE TO			Swine AI Sa Barangay (SWAIB) Project			DR. RUTH MICLAT-SONACO PROGRAM DIRECTOR NATIONAL LIVESTOCK PROGRAM					7
	BE DONE, IN PART OR IN WHOLE TO ANY OF THESE DOCUMENTS, W/O CONSENT FROM THE ARCHITECT.									AS SHO	AS SHOWN	SHEET NO.
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