

**REQUEST FOR QUOTATION**

Section 53.9b - SVP - Goods

RFQ NO. 08-1133  
 DATE: 8/16/24

COMPANY NAME :  
 COMPANY ADDRESS :  
 CONTACT PERSON :  
 CONTACT NO. :  
 COMPANY TIN :

SWADT-2024-OK-1133  
**POSTED**  
 GEPS REF No.: 11171463  
 DATE: Aug 20, 2024  
 SIGNATURE: [Signature]

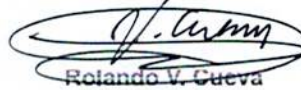
Sir/Madam:

Please quote your government price/s including delivery charges, VAT or other applicable taxes, and other incidental expenses for the goods listed in **Annex A**. Failure to indicate **TECHNICAL SPECIFICATIONS** could be basis for non-compliance. Also, furnish us with the descriptive brochures, catalogues, literatures and/or samples, if applicable.

If you are the exclusive manufacturer, distributor or agent in the Philippines for the goods listed in Annex A please attach in your quotation a duly notarized certification to this effect.

Please submit this form together with Annex A to **DSWD FO IX BAC OFFICE** on or before  
26-AUG-2024 @ 05:00 PM

Very truly yours,



**Rolando V. Cueva**  
 Regional Procurement Officer

Terms and Conditions:

- PURPOSE** : FOR THE REWIRING OF ELECTRICAL AT PANTAWID OFFICE SWADT-IPIL, IPIL ZAMBOANGA SIBUGAY
- PR NUMBER** : **2024-08-1133**
- 1. Award shall be made on per :    Item Basis  Lot Basis
- 2. Quotation validity : 30 CALENDAR DAYS FROM BID OPENING
- 3. Goods shall be delivered on : **15 calendar days upon receipt of approved NTP**
- 4. Delivery Area : **DSWD FO IX, CONFERENCE ROOM**
- 5. Terms of payment : **WI IN 60 CALENDAR DAYS AFTER DELIVERY**
- 6. Liquidated Damages/Penalty : 1/10 of 1% of undelivered portion x No. of days of delay
- 7. In case of discrepancy between unit cost and total cost, unit cost shall prevail.
- 8. Warranty : N/A
- 9. Performance Security : N/A

Please email your accomplished request for quotation and annex a at [bacrfg.dswdfo9@gmail.com](mailto:bacrfg.dswdfo9@gmail.com)

(signature over printed name)

Supplier

PHILGEPS NO.: \_\_\_\_\_

PHILGEPS EXPIRY: \_\_\_\_\_







## PROGRAM OF WORKS

| Name of Project: <b>Rewiring of Electrical at Pantawid Office SWADT-Ipil</b> |   | Location: <b>Ipil Heights, Zamboanga Sibugay</b> |      |           |                      |
|--|---|--|------|-----------|----------------------|
| Total Project Cost: <b>PHP 84,459.38</b>                                     | Project Duration: <b>30 Calendar Days</b>         |  |      |           |                      |
| Source of Fund: <b>MOOE</b>  | Mode of Procurement: <b>Small Value</b>           |  |      |           |                      |
| Date: <b>Monday, March 25, 2024</b>  | Source of Manpower: <b>By Contract</b>            |  |      |           |                      |
| Item No.   | Item Description                                  | Quantity   | Unit | Unit Cost | Amount               |
| 1  | SITE WORKS  | 1.0  | Lot  | 3,810.00  | 3,810.00             |
| 2  | ELECTRICAL WORKS                                  | 1.0  | Lot  | 52,290.00 | 52,290.00            |
| 3  | FOREMAN/ELECTRICIAN                               | 1.0  | Lot  | 8,250.00  | 8,250.00             |
| A  | Total Direct Cost (Material, Labor and Equipment) |  |      |           | 64,350.00            |
| B  | OCM (15% of A)                                    |  |      |           | 9,652.50             |
| C  | Contractor's Profit (10% of A)                    |  |      |           | 6,435.00             |
| D  | VAT (5% of A+B+C)                                 |  |      |           | 4,021.88             |
| <b>TOTAL PROJECT COST</b>  |   |  |      |           | <b>PHP 84,459.38</b> |

|   |  |
|---|--|
| <b>GENERAL CONDITION AND REQUIREMENTS</b> |  |
|   |  |
|   |  |
|   |  |
|   |  |

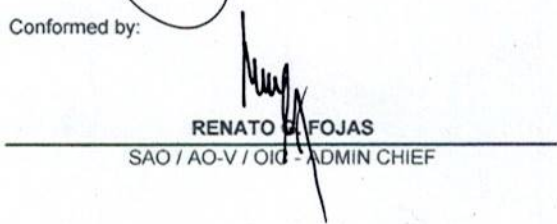
Prepared by:

  
**JHON RICHARD G. BASANAL, REE**  
 ELECTRICAL ENGINEER

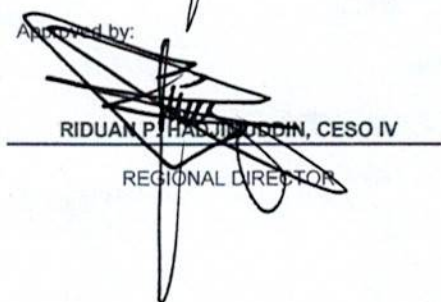
Checked and Reviewed by:

  
**ROLEISTE C. FALSIS, CE**  
 AO VPSS HEAD

Conformed by:

  
**RENATO P. FOJAS**  
 SAO / AO-V / OIG ADMIN CHIEF

Approved by:

  
**RIDUAN P. HASIMUDDIN, CESO IV**  
 REGIONAL DIRECTOR

**REPUBLIC OF THE PHILIPPINES**  
**DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT**  
**GEN. VICENTE ALVAREZ STREET, ZAMBOANGA CITY**

**PLANS**  
**REWIRING OF ELECTRICAL AT PANTAWID OFFICE**  
**SWADT-IPIL**  
**IPIL, ZAMBOANGA SIBUGAY**



**DSWD**  
 DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT  
 1000 BRUNNEN DRIVE, SUITE 1000, PASAY CITY, PHILIPPINES

**PROJECT NAME:**  
 REWIRING OF ELECTRICAL AT PANTAWID OFFICE

**LOCATION:**  
 IPIL, ZAMBOANGA SIBUGAY

**SHEET COVER:**  
 PROJECT TITLE

**APPROVED BY:**  
 [Signature]

**DATE:**  
 [Signature]

**DESIGNED BY:**  
 [Signature]

**CHECKED BY:**  
 [Signature]

**PROJECT NO.:**  
 [Signature]

**DATE SUBMITTED:**  
 [Signature]

**DATE:**  
 [Signature]

**DATE SUBMITTED:**  
 [Signature]

**DATE:**  
 [Signature]

**DATE SUBMITTED:**  
 [Signature]

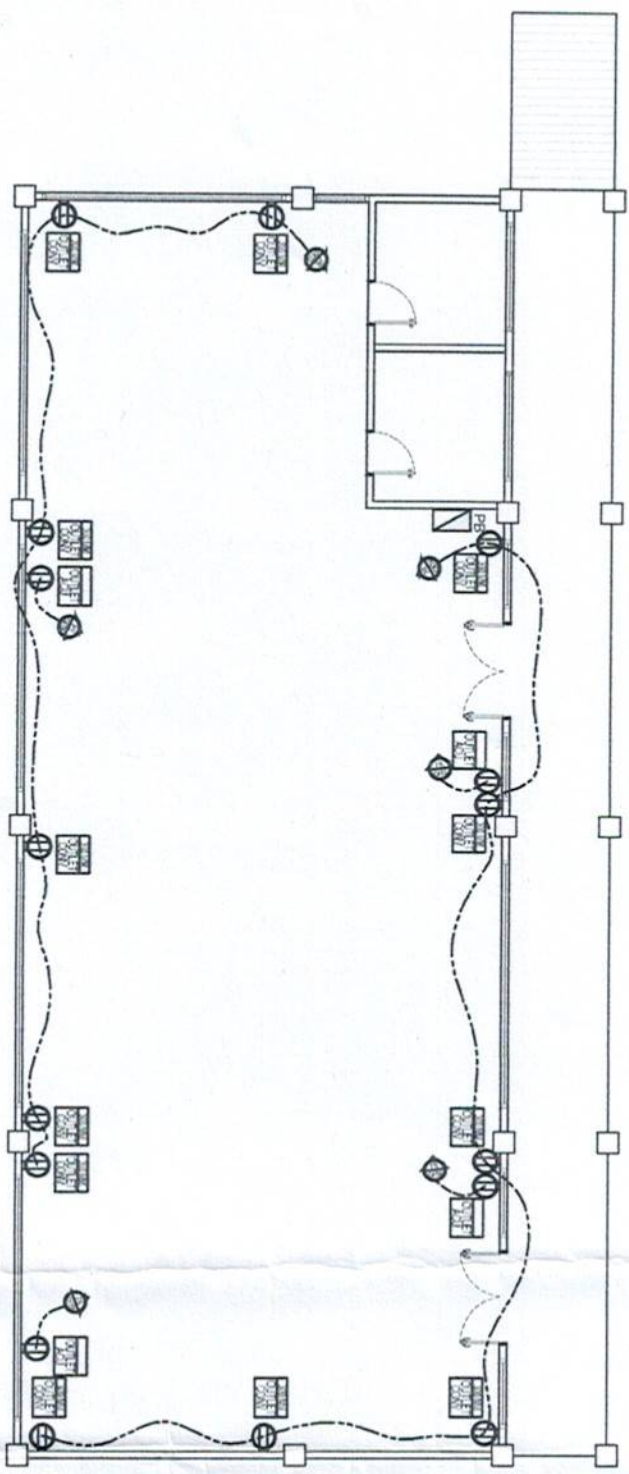
**DATE:**  
 [Signature]

|              |              |           |
|--------------|--------------|-----------|
| PLAN/SECTION | SHEET NUMBER | PAGE SIZE |
| CS-01        | 0104         | A4        |





| SYMBOL | DESCRIPTION      |
|--------|------------------|
|        | PIN LIGHT        |
|        | CIRCUIT LINE     |
|        | COM/DANCE OUTLET |
|        | ACU OUTLET       |
|        | TOGGLING SWITCH  |
|        | PANEL BOARD      |



SWA01-FPII  
**POWER LAYOUT PLAN**  
 SCALE 1:75 METERS

|  |  |
|--|--|
|  |  |
| ADMINISTRATIVE SERVICE DIVISION<br>FIELD OFFICE 3<br>ENCARNACION RD. 2ND FLOOR |  |
| PROJECT NAME<br><b>REPAIRING OF ELECTRICAL AT PANTAWD OFFICE</b>               |  |
| LOCATION<br><b>FPL ZAMBONGA BRIGADY</b>  |  |
| SHEET CONTENT<br><b>AS SHOWN</b>   |  |
| APPROVED BY<br>  |  |
| CHECKED BY<br>   |  |
| DRAWN BY<br>   |  |
| PROJECT NAME<br><b>REPAIRING OF ELECTRICAL AT PANTAWD OFFICE</b>               |  |
| DATE<br><b>02/07/2019</b>  |  |
| DRAWING NUMBER<br><b>0304</b>  |  |
| SHEET NUMBER<br><b>A1</b>  |  |



### VOLTAGE DROP CALCULATION

| Ckt No. | From               | To                 | Vs     | I(A)  | L(m) | Sct | Size of Wire       | R <sub>Ω</sub> /305 | X <sub>L</sub> /305 | Z   | Pf   | Vd          | Vd%   | Receiving End Voltage |
|---------|--------------------|--------------------|--------|-------|------|-----|--------------------|---------------------|---------------------|-----|------|-------------|-------|-----------------------|
| 1/PB    | 1 KW-HR meter      | PB                 | 230    | 52.78 | 30   | 1   | 8.0mm <sup>2</sup> | 0.78                | 0.065               | 0.7 | 0.85 | 3.634032787 | 1.8%  | 226.37                |
| 2/PB    | LIGHTINGS          | LIGHTINGS          | 228.37 | 0.52  | 15   | 1   | 2.0mm <sup>2</sup> | 3.1                 | 0.073               | 2.7 | 0.85 | 0.06904918  | 0.03% | 226.30                |
| 3/PB    | LIGHTINGS          | LIGHTINGS          | 228.37 | 0.52  | 15   | 1   | 2.0mm <sup>2</sup> | 3.1                 | 0.073               | 2.7 | 0.85 | 0.06904918  | 0.03% | 226.30                |
| 4/PB    | CONVENIENCE OUTLET | CONVENIENCE OUTLET | 228.37 | 4.7   | 10   | 1   | 5.5mm <sup>2</sup> | 2                   | 0.068               | 1.7 | 0.85 | 0.533934436 | 0.23% | 225.84                |
| 5/PB    | CONVENIENCE OUTLET | CONVENIENCE OUTLET | 228.37 | 4.7   | 10   | 1   | 5.5mm <sup>2</sup> | 2                   | 0.068               | 1.7 | 0.85 | 0.533934436 | 0.23% | 225.84                |
| 6/PB    | ACCU               | ACCU               | 228.37 | 10.00 | 25   | 1   | 5.5mm <sup>2</sup> | 1.2                 | 0.063               | 1.1 | 0.85 | 0.901639344 | 0.40% | 225.45                |
| 7/PB    | ACCU               | ACCU               | 228.37 | 10.00 | 25   | 1   | 5.5mm <sup>2</sup> | 1.2                 | 0.063               | 1.1 | 0.85 | 0.901639344 | 0.40% | 225.45                |
| 8/PB    | ACCU               | ACCU               | 228.37 | 8.00  | 25   | 1   | 5.5mm <sup>2</sup> | 1.2                 | 0.063               | 1.1 | 0.85 | 0.713131475 | 0.31% | 225.64                |
| 9/PB    | ACCU               | ACCU               | 228.37 | 10.00 | 25   | 1   | 5.5mm <sup>2</sup> | 1.2                 | 0.063               | 1.1 | 0.85 | 0.901639344 | 0.40% | 225.45                |

### Formula:

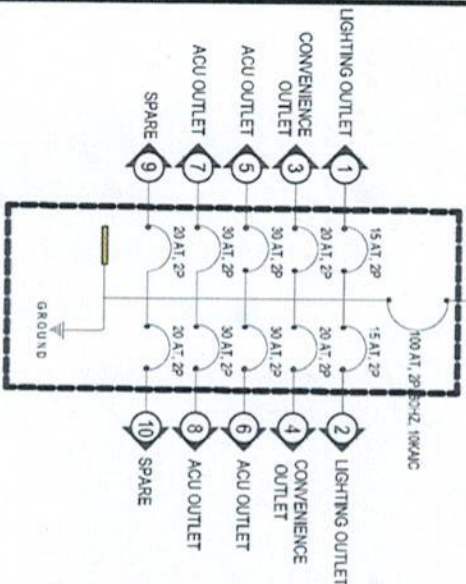
$Voltage\ Drop = I \times (R \cos \phi + X \sin \phi)$   
 $V_s =$  Number of parallel Cable  
 $L =$  Length  
 $R$  is in PEC 207 Table 10.11.9  
 $X$  is in PEC 207 Table 10.11.9

### VOLTAGE DROP CALCULATION

WALL MOUNTED

| Ckt No. | Description        | Voltage | Phase | Load in Amperes | Circuit Breaker | Type | KAC     | Wire Size and Conduit Size in mm   | Wiring Code |
|---------|--------------------|---------|-------|-----------------|-----------------|------|---------|--|-------------|
| 1       | Lightings          | 230     | 1     | 0.52            | 50              | 15   | Bolt-On | 2-2.0mm <sup>2</sup> THWN Wire in 20mm <sup>2</sup> dia PVC Pipe                                   | W0          |
| 2       | Lightings          | 230     | 1     | 0.52            | 50              | 15   | Bolt-On | 2-2.0mm <sup>2</sup> THWN Wire in 20mm <sup>2</sup> dia PVC Pipe                                   | W0          |
| 3       | Convenience Outlet | 230     | 1     | 4.70            | 50              | 20   | Bolt-On | 2-3.5mm <sup>2</sup> THWN Wire in 20mm <sup>2</sup> THWN Ground Wire in 20mm <sup>2</sup> PVC Pipe | W0          |
| 4       | Convenience Outlet | 230     | 1     | 4.70            | 50              | 20   | Bolt-On | 2-3.5mm <sup>2</sup> THWN Wire in 20mm <sup>2</sup> THWN Ground Wire in 20mm <sup>2</sup> PVC Pipe | W0          |
| 5       | ACU                | 230     | 1     | 10.00           | 50              | 30   | Bolt-On | 2-5.5mm <sup>2</sup> THWN Wire in 20mm <sup>2</sup> THWN Ground Wire in 20mm <sup>2</sup> PVC Pipe | W0          |
| 6       | ACU                | 230     | 1     | 10.00           | 50              | 30   | Bolt-On | 2-5.5mm <sup>2</sup> THWN Wire in 20mm <sup>2</sup> THWN Ground Wire in 20mm <sup>2</sup> PVC Pipe | W0          |
| 7       | ACU                | 230     | 1     | 8.00            | 50              | 20   | Bolt-On | 2-5.5mm <sup>2</sup> THWN Wire in 20mm <sup>2</sup> THWN Ground Wire in 20mm <sup>2</sup> PVC Pipe | W0          |
| 8       | ACU                | 230     | 1     | 10.00           | 50              | 30   | Bolt-On | 2-5.5mm <sup>2</sup> THWN Wire in 20mm <sup>2</sup> THWN Ground Wire in 20mm <sup>2</sup> PVC Pipe | W0          |
| 9       | SPARE              | 230     | 1     | 2.17            | 50              | 20   | Bolt-On |  |             |
| 10      | SPARE              | 230     | 1     | 2.17            | 50              | 20   | Bolt-On |  |             |
|         |                    |         |       | TOTAL           | 52.78           |      |         |  |             |

### SINGLE LINE DIAGRAM



SCALE 1:100 METERS

### LOAD SCHEDULE

SCALE 1:15 METERS

Main Over Current Protective Device

Load Current at 80%

|            |   |   |          |       |         |       |         |
|------------|---|---|----------|-------|---------|-------|---------|
| IFL        | = | $[(1.80 \times 52.78) + (0.25 \times 10)]$                                  | =        | 44.72 | Amperes |       |         |
| IFL Feeder | = | $125.0%$  | $\times$ | 44.72 | =       | 55.91 | Amperes |
| USE:       |   | 2.8.0mm <sup>2</sup> THWN + 1.3.5mm <sup>2</sup> THWN in 1" dia RMC Conduit |          |       |         |       |         |

|      |   |   |   |       |         |
|------|---|---|---|-------|---------|
| IFL  | = | $[(1.80 \times 52.78) + (2.5 \times 10)]$ | = | 67.22 | Amperes |
| USE: |   | 100AT, 10KVA, 6mm <sup>2</sup> 2 Pole MCB |   |       |         |



**REPAIRING OF ELECTRICAL AT PANTAWID OFFICE**  
 PROJECT NAME  
 LOCATION  
 P.L. ZIMBOMBA SIBOMAY

AS SHOWN  
 APPROVED BY  
 SOLOMON SIBOMAY

APPROVED BY  
 APPROVED BY  
 APPROVED BY  
 APPROVED BY  
 APPROVED BY

PROJECT NAME  
 PROJECT NO.  
 DATE  
 DRAWN BY  
 CHECKED BY  
 APPROVED BY

|                |       |
|----------------|-------|
| PLAN SHEET NO. | EL-03 |
| SHEET NUMBER   | 04/04 |
| PAGES SIZE     | A4    |