



Republic of the Philippines  
**SOCIAL SECURITY SYSTEM**  
**LUZON CENTRAL 2 DIVISION**  
 SSS Bldg., Diosdado Macapagal Government Center  
 Brgy. Maimpis, City of San Fernando, Pampanga

PROJECT : SUPPLY AND DELIVERY OF MATERIALS FOR THE INSTALLATION OF TWO (2) FLOOR-MOUNTED ACUs AT CLARK SERVICE OFFICE  
 LOCATION : CLARK POLYTECHNIC, JOSE ABAD SANTOS AVE., CLARK FREEPORT ZONE, PAMPANGA  
 SUBJECT : COST ESTIMATES

| ITEM NO. | DESCRIPTION                                       | QTY.     | UNIT       | UNIT COST | TOTAL UNIT COST | TOTAL AMOUNT COST |
|----------|---------------------------------------------------|----------|------------|-----------|-----------------|-------------------|
| (A)      | (B)                                               | (C)      | (D)        | (E)       | (F=CxE)         | (G=total of F)    |
| <b>I</b> | <b>PURCHASE OF MATERIALS FOR ACU INSTALLATION</b> | <b>1</b> | <b>lot</b> |           |                 | <b>68,230.68</b>  |
| 1.       | Copper Tube                                       | 1        | roll       | 4,250.00  | 4,250.00        |                   |
|          | Diameter                                          |          |            |           |                 |                   |
|          | Material                                          |          |            |           |                 |                   |
|          | Length per roll                                   |          |            |           |                 |                   |
| 2.       | Copper Tube                                       | 1        | roll       | 7,200.00  | 7,200.00        |                   |
|          | Diameter                                          |          |            |           |                 |                   |
|          | Material                                          |          |            |           |                 |                   |
|          | Length per roll                                   |          |            |           |                 |                   |
| 3.       | Insulation Foam                                   | 15       | mtr/s      | 200.00    | 3,000.00        |                   |
|          | Diameter                                          |          |            |           |                 |                   |
|          | Thickness                                         |          |            |           |                 |                   |
|          | Color                                             |          |            |           |                 |                   |
| 4.       | Insulation Foam                                   | 15       | mtr/s      | 200.00    | 3,000.00        |                   |
|          | Diameter                                          |          |            |           |                 |                   |
|          | Thickness                                         |          |            |           |                 |                   |
|          | Color                                             |          |            |           |                 |                   |
| 5.       | Insulation Foam                                   | 10       | mtr/s      | 220.00    | 2,200.00        |                   |
|          | Diameter                                          |          |            |           |                 |                   |
|          | Thickness                                         |          |            |           |                 |                   |
|          | Color                                             |          |            |           |                 |                   |
| 6.       | Polyethylene tape                                 | 2        | roll       | 200.00    | 400.00          |                   |
|          | Width                                             |          |            |           |                 |                   |
|          | Length                                            |          |            |           |                 |                   |
|          | Color                                             |          |            |           |                 |                   |
| 7.       | R22 Freon                                         | 8        | kg         | 600.00    | 4,800.00        |                   |
|          | Refrigerant for Airconditioning unit              |          |            |           |                 |                   |
| 8.       | Mapp Gas                                          | 2        | pc/s       | 580.00    | 1,160.00        |                   |
|          | Temperature                                       |          |            |           |                 |                   |
|          | Net Weight                                        |          |            |           |                 |                   |
| 9.       | Silver Rod                                        | 20       | pc/s       | 50.00     | 1,000.00        |                   |
|          | Size                                              |          |            |           |                 |                   |
| 10.      | Copper Elbow                                      | 8        | pc/s       | 45.00     | 360.00          |                   |
|          | Size                                              |          |            |           |                 |                   |
|          | Material                                          |          |            |           |                 |                   |
| 11.      | Copper Elbow                                      | 8        | pc/s       | 85.00     | 680.00          |                   |
|          | Size                                              |          |            |           |                 |                   |
|          | Material                                          |          |            |           |                 |                   |
| 12.      | 3.5mm2 THHN Stranded Wire #12                     | 150      | m          | 72.00     | 10,800.00       |                   |
|          | Size                                              |          |            |           |                 |                   |
|          | Color                                             |          |            |           |                 |                   |
| 13.      | 5.5mm2 THHN Stranded Wire #10                     | 100      | m          | 115.00    | 11,500.00       |                   |
|          | Size                                              |          |            |           |                 |                   |
|          | Color                                             |          |            |           |                 |                   |



| ITEM NO. | DESCRIPTION                             | QTY. | UNIT | (D) | (E)      | (F=C+E) | (G=Total of F) |
|----------|-----------------------------------------|------|------|-----|----------|---------|----------------|
| 14.      | Nema 3R with breaker                    | 2    | pc/s |     | 2,150.00 |         | 4,300.00       |
|          | 40amp                                   |      |      |     |          |         |                |
|          | 50/60Hz                                 |      |      |     |          |         |                |
|          | Type - On                               |      |      |     |          |         |                |
|          | 230V                                    |      |      |     |          |         |                |
|          | Size                                    |      |      |     |          |         |                |
|          | 125mmW x 202mmL x 102mmD                |      |      |     |          |         |                |
| 15.      | DIN Rail Type Miniature Circuit Breaker | 3    | pc/s |     | 600.00   |         | 1,800.00       |
|          | 40 A                                    |      |      |     |          |         |                |
|          | Type                                    |      |      |     |          |         |                |
|          | 2-pole, Bolt on                         |      |      |     |          |         |                |
| 16.      | Nano Tape                               | 6    | pc/s |     | 130.00   |         | 780.00         |
|          | Color                                   |      |      |     |          |         |                |
|          | Clear                                   |      |      |     |          |         |                |
|          | Width                                   |      |      |     |          |         |                |
|          | 3 cm                                    |      |      |     |          |         |                |
|          | Length                                  |      |      |     |          |         |                |
|          | 3 meters                                |      |      |     |          |         |                |
|          | Thickness                               |      |      |     |          |         |                |
|          | 2 mm                                    |      |      |     |          |         |                |
| 17.      | Plastic Electrical Moulding             | 8    | pc/s |     | 185.00   |         | 1,480.00       |
|          | Size                                    |      |      |     |          |         |                |
|          | 1 "X 8"                                 |      |      |     |          |         |                |
|          | Material                                |      |      |     |          |         |                |
|          | PVC                                     |      |      |     |          |         |                |
| 18.      | Flexible Hose                           | 15   | m    |     | 17       |         | 255.00         |
|          | Size                                    |      |      |     |          |         |                |
|          | 1/2"                                    |      |      |     |          |         |                |
|          | Color                                   |      |      |     |          |         |                |
|          | Orange                                  |      |      |     |          |         |                |
| 19.      | PVC Pipe                                | 6    | pc/s |     | 185.00   |         | 1,110.00       |
|          | Diameter                                |      |      |     |          |         |                |
|          | 3/4"                                    |      |      |     |          |         |                |
|          | Thickness                               |      |      |     |          |         |                |
|          | 2.5mm                                   |      |      |     |          |         |                |
|          | Color                                   |      |      |     |          |         |                |
|          | Blue                                    |      |      |     |          |         |                |
|          | Length                                  |      |      |     |          |         |                |
|          | 10ft                                    |      |      |     |          |         |                |
| 20.      | PVC Elbow                               | 10   | pc/s |     | 23.00    |         | 230.00         |
|          | Diameter                                |      |      |     |          |         |                |
|          | 3/4"                                    |      |      |     |          |         |                |
|          | Thickness                               |      |      |     |          |         |                |
|          | 2.5mm                                   |      |      |     |          |         |                |
|          | Color                                   |      |      |     |          |         |                |
|          | Blue                                    |      |      |     |          |         |                |
|          | Length                                  |      |      |     |          |         |                |
|          | 10ft                                    |      |      |     |          |         |                |
| 21.      | PVC Clamp                               | 20   | pc/s |     | 15.00    |         | 300.00         |
|          | Diameter                                |      |      |     |          |         |                |
|          | 3/4"                                    |      |      |     |          |         |                |
|          | Color                                   |      |      |     |          |         |                |
|          | Blue                                    |      |      |     |          |         |                |
| 22.      | GI Steel Clamp                          | 5    | pc/s |     | 88.40    |         | 442.00         |
|          | Size                                    |      |      |     |          |         |                |
|          | 3"                                      |      |      |     |          |         |                |
|          | Style                                   |      |      |     |          |         |                |
|          | Double                                  |      |      |     |          |         |                |
| 23.      | PVC Pipe Cement                         | 2    | pc/s |     | 210.00   |         | 420.00         |
|          | Volume                                  |      |      |     |          |         |                |
|          | 100cc                                   |      |      |     |          |         |                |
| 24.      | Teflon Tape                             | 2    | pc/s |     | 50.00    |         | 100.00         |
|          | Size                                    |      |      |     |          |         |                |
|          | 1"                                      |      |      |     |          |         |                |
| 25.      | Expansion Bolt                          | 10   | pc/s |     | 40.00    |         | 400.00         |
|          | Size                                    |      |      |     |          |         |                |
|          | 3/8"                                    |      |      |     |          |         |                |
|          | Expansion Shield Size                   |      |      |     |          |         |                |
|          | 45mm (Short)                            |      |      |     |          |         |                |
|          | Length                                  |      |      |     |          |         |                |
|          | 2"                                      |      |      |     |          |         |                |
| 26.      | Bolt and Nut with washer                | 10   | pc/s |     | 20.00    |         | 200.00         |
|          | Size                                    |      |      |     |          |         |                |
|          | 12mm                                    |      |      |     |          |         |                |
|          | Length                                  |      |      |     |          |         |                |
|          | 2"                                      |      |      |     |          |         |                |
| 27.      | 1.5x1.5 Angle Bar                       | 2    | pc/s |     | 1,450.00 |         | 2,900.00       |
|          | Width                                   |      |      |     |          |         |                |
|          | 1.5"                                    |      |      |     |          |         |                |
|          | Thickness                               |      |      |     |          |         |                |
|          | 1/4"                                    |      |      |     |          |         |                |
|          | Length                                  |      |      |     |          |         |                |
|          | 6m                                      |      |      |     |          |         |                |
| 28.      | Welding Rod N-6013                      | 2    | kg   |     | 280.00   |         | 560.00         |
|          | Size                                    |      |      |     |          |         |                |
|          | 2.5 x 325mm                             |      |      |     |          |         |                |



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|---------------------|---------------------------|--|---------------------------------|--|------|-------|-----------|-----------------|-------------------|
| (A)                 | (B)                       |  |                                 |  | (C)  | (D)   | (E)       | (F=CxE)         | (G=total of F)    |
| 29.                 | Quick Drying Enamel Paint |  |                                 |  | 2    | Liter | 681.84    | 1,363.68        |                   |
|                     | Color                     |  | Silver Gray                     |  |      |       |           |                 |                   |
| 30.                 | Sand                      |  |                                 |  | 6    | sack  | 75.00     | 450.00          |                   |
|                     | Sieve Size                |  | 0.15mm to 4.75mm                |  |      |       |           |                 |                   |
|                     | Average Weight            |  | 35kg                            |  |      |       |           |                 |                   |
| 31.                 | Cement                    |  |                                 |  | 2    | bag   | 395.00    | 790.00          |                   |
|                     | Type                      |  | PPC (Portland Pozzolana Cement) |  |      |       |           |                 |                   |
| TOTAL AMOUNT COST ₱ |                           |  |                                 |  |      |       |           | 68,230.68       |                   |

Prepared by,

  
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 JO - Engineer

