

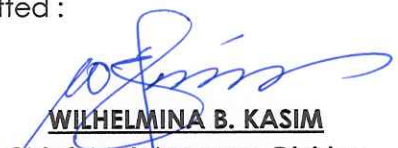
Republic of the Philippines  
Department of Public Works and Highways

Bureau : DPWH  
Region : IX  
District/City : Zamboanga City

| <b>PROGRAM OF WORK</b>                                                                                                                       |                                                |               |                                    |                                |                     |              |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------|------------------------------------|--------------------------------|---------------------|--------------|
| (For all types of Project)                                                                                                                   |                                                |               |                                    |                                |                     |              |
|                                                                                                                                              |                                                |               |                                    |                                |                     | Date : _____ |
| <b>NAME OF PROJECT :</b>                                                                                                                     |                                                |               | Appropriation : P 500,000.00       |                                |                     |              |
| Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX, N.S. Valderosa St., Pettit Barracks, Zamboanga City |                                                |               | Source of Funds : _____            |                                |                     |              |
|                                                                                                                                              |                                                |               | Issued Obligated Authority : _____ |                                |                     |              |
|                                                                                                                                              |                                                |               | Released : _____                   |                                |                     |              |
| <b>LOCATION:</b>                                                                                                                             |                                                |               | Cal. Days to Complete : 30 CD      |                                |                     |              |
| Zamboanga City                                                                                                                               |                                                |               | Desirable Starting Date : _____    |                                |                     |              |
| <b>PROJECT CATEGORY :</b>                                                                                                                    |                                                |               | Mode of Implementation : _____     |                                |                     |              |
| BUILDING                                                                                                                                     |                                                |               |                                    |                                |                     |              |
| <b>PROJECT DESCRIPTION :</b>                                                                                                                 |                                                |               |                                    |                                |                     |              |
| MINIMUM EQUIPMENT REQUIREMENT :                                                                                                              |                                                |               |                                    | TECHNICAL PERSONNEL REQUIRED : |                     |              |
| Description                                                                                                                                  | No.                                            | Description   | No.                                | Description                    | No.                 |              |
| One Bagger Mixer                                                                                                                             | 1                                              |               |                                    | Project Engineer               | 1                   |              |
| Bar Cutter                                                                                                                                   | 1                                              |               |                                    | Materials Engineer             | 1                   |              |
| Bar Bender                                                                                                                                   | 1                                              |               |                                    | Materials Laboratory Tech.     | 1                   |              |
| Jackhammer                                                                                                                                   | 2                                              |               |                                    | Safety & Health Officer        | 1                   |              |
|                                                                                                                                              |                                                |               |                                    | First Aider                    | 1                   |              |
|                                                                                                                                              |                                                |               |                                    | Construction Foreman           | 1                   |              |
|                                                                                                                                              |                                                |               |                                    | Skilled Laborers               | 6                   |              |
|                                                                                                                                              |                                                |               |                                    | Unskilled Laborers             | 12                  |              |
| <b>ESTIMATED COST OF PROPOSED WORK</b>                                                                                                       |                                                |               |                                    |                                |                     |              |
| ITEM NO.                                                                                                                                     | DESCRIPTION                                    | % OF TOTAL    | UNIT                               | QUANTITY                       | DIRECT COST         |              |
|                                                                                                                                              |                                                |               |                                    |                                | TOTAL               | UNIT COST    |
| <b>PART II - OTHER GENERAL REQUIREMENTS</b>                                                                                                  |                                                |               |                                    |                                |                     |              |
| B.7                                                                                                                                          | Occupation Safety and Health Program           | 24.64         | month                              | 1.00                           | 86,340.30           | 86,340.30    |
| <b>PART III - CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/PLUMBING WORKS</b>                                                                  |                                                |               |                                    |                                |                     |              |
| 801(1)                                                                                                                                       | Removal of Structures and Obstruction          | 8.97          | L.S.                               | 1.00                           | 31,439.60           | 31,439.60    |
| 900(1)a1                                                                                                                                     | Structural Concrete                            | 0.45          | cu.m.                              | 0.26                           | 1,560.85            | 6,003.29     |
| 902(1)a                                                                                                                                      | Reinforcing Steel                              | 0.26          | kg.                                | 18.50                          | 917.43              | 49.59        |
| 1002(11)b                                                                                                                                    | Kitchen Sink                                   | 1.47          | set                                | 1.00                           | 5,143.98            | 5,143.98     |
| 1002(27)                                                                                                                                     | Plumbing works                                 | 9.68          | L.S.                               | 1.00                           | 33,925.52           | 33,925.52    |
| 1003(1)d1                                                                                                                                    | Ceiling                                        | 0.38          | sq.m.                              | 0.65                           | 1,327.96            | 2,043.02     |
| 1003(3)                                                                                                                                      | Cabinets                                       | 10.72         | sq.m.                              | 22.80                          | 37,572.35           | 1,647.91     |
| 1010(2)b                                                                                                                                     | Wooden Panel Door                              | 3.61          | sq.m.                              | 1.68                           | 12,646.01           | 7,527.39     |
| 1018(1)                                                                                                                                      | Glazed Tiles and Trims                         | 8.34          | sq.m.                              | 27.56                          | 29,224.37           | 1,060.28     |
| 1027                                                                                                                                         | Cement Plaster Finish                          | 1.00          | sq.m.                              | 18.00                          | 3,515.05            | 195.28       |
| 1032(1)a                                                                                                                                     | Painting Works (Masonry)                       | 15.78         | sq.m.                              | 140.70                         | 55,299.48           | 393.03       |
| 1032(1)c                                                                                                                                     | Painting Works (Wood)                          | 9.01          | sq.m.                              | 63.90                          | 31,571.82           | 494.08       |
| 1046(2)a1                                                                                                                                    | CHB Non Load Bearing                           | 1.67          | sq.m.                              | 9.00                           | 5,863.82            | 651.54       |
| 1101(34)                                                                                                                                     | Repair/Replacement of Wires and Wiring Devices | 4.01          | L.S.                               | 1.00                           | 14,045.76           | 14,045.76    |
| <b>TOTAL</b>                                                                                                                                 |                                                | <b>100.00</b> |                                    |                                | <b>P 350,394.30</b> |              |

**NAME OF PROJECT :** renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX, N.S. Valderosa St., Pettit Barracks, Zamboanga City

| BREAKDOWN OF ESTIMATED EXPENDITURES                       | % OF TOTAL    | AMOUNT              |
|-----------------------------------------------------------|---------------|---------------------|
| I. ESTIMATED COST                                         |               |                     |
| A. DIRECT COST                                            |               |                     |
| A.1. Materials                                            | 31.75         | 158,752.71          |
| A.2. Equipment Expenses                                   | 3.05          | 15,237.21           |
| A.3. Labor                                                | 35.28         | 176,404.38          |
| <b>SUB-TOTAL (DIRECT COST)</b>                            | <b>70.08</b>  | <b>P 350,394.30</b> |
| B. INDIRECT COST (Per D.O. # 197)                         |               |                     |
| B.1. Overhead, Contingency & Misc.<br>(15 % Max. of D.C.) | 7.92          | 39,608.10           |
| B.2. Profit (10 % Max. of D.C.)                           | 7.01          | 35,039.43           |
| C. VAT (5% of D.C. and I.C. Per D.O. # 197)               | 4.25          | 21,252.09           |
| <b>SUBTOTAL (CONTRACT COST)</b>                           | <b>89.26</b>  | <b>P 446,293.92</b> |
| II. ESTIMATED GOVERNMENT EXPENDITURES                     |               |                     |
| 1. Engineering and Administrative Overhead (3.5%)         | 0.00          |                     |
| 2. Detailed Engineering (1%)                              |               |                     |
| 3. Reserved for the Payment of RROW                       |               |                     |
| 4. Physical Reserved                                      | 10.74         | 53,706.08           |
| <b>TOTAL ESTIMATED PROJECT COST</b>                       | <b>100.00</b> | <b>P 500,000.00</b> |

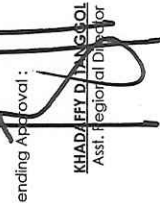
|                                                                                                                                                                 |                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prepared :<br><br><b>ELWICK P. ACUÑA</b><br>Engineer II                      | Checked :<br><br><b>ISIDRA A. ESTANISLAO</b><br>Asst. Chief, Maintenance Division         |
| Submitted :<br><br><b>WILHELMINA B. KASIM</b><br>Chief, Maintenance Division | Recommending Approval :<br><br><b>KHADAFFY D. TANGGOL</b><br>Assistant Regional Director |
| Approved :<br><br><b>CAYAMOMBAO D. DIA., CESO IV</b><br>Regional Director    |                                                                                                                                                                               |

# APPROVED BUDGET FOR THE CONTRACT

Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX, N.S. Valderosa St., Peliti Barracks, Zamboanga City

| ITEM NO.                                                                    | DESCRIPTION                                    | QUANTITY | UNIT  | ESTIMATED DIRECT COST | MARK-UPS IN % OCM | PROFIT | MARK-UPS IN % | TOTAL MARK-UPS VALUE | VAT          | TOTAL INDIRECT COST | TOTAL COST | UNIT COST  |
|-----------------------------------------------------------------------------|------------------------------------------------|----------|-------|-----------------------|-------------------|--------|---------------|----------------------|--------------|---------------------|------------|------------|
| (1)                                                                         | (2)                                            | (3)      | (4)   | (5)                   | (6)               | (7)    | (8)           | (9)                  | (10)         | (11)                | (12)       | (13)       |
|                                                                             |                                                |          |       |                       |                   |        |               | (5) x (8)            | 5% (5) + (9) | (9) + (10)          | (5) + (11) | (12) / (3) |
| <b>PART II - OTHER GENERAL REQUIREMENTS</b>                                 |                                                |          |       |                       |                   |        |               |                      |              |                     |            |            |
| B.2                                                                         | Occupation Safety and Health Program           | 1.00     | month | 86,340.30             | -                 | 10.00  | 10.00         | 8,634.03             | 4,748.72     | 13,382.75           | 99,723.05  | 99,723.05  |
|                                                                             | <b>SUB - TOTAL FOR PART II</b>                 |          |       | 86,340.30             |                   |        |               | 8,634.03             | 4,748.72     | 13,382.75           | 99,723.05  |            |
| <b>PART III - CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/PLUMBING WORKS</b> |                                                |          |       |                       |                   |        |               |                      |              |                     |            |            |
| 801(1)                                                                      | Removal of Structures and Obstruction          | 1.00     | L.S.  | 31,439.60             | 15.00             | 10.00  | 25.00         | 7,859.90             | 1,944.97     | 9,824.87            | 41,264.47  | 41,264.47  |
| 902(1)a                                                                     | Structural Concrete                            | 0.26     | cu.m. | 1,560.85              | 15.00             | 10.00  | 25.00         | 390.21               | 97.55        | 487.77              | 2,048.62   | 7,879.31   |
| 902(1)a                                                                     | Reinforcing Steel                              | 18.50    | kg.   | 917.43                | 15.00             | 10.00  | 25.00         | 229.36               | 57.34        | 286.70              | 1,204.13   | 65.09      |
| 1002(1)b                                                                    | Kitchen Sink                                   | 1.00     | set   | 5,143.98              | 15.00             | 10.00  | 25.00         | 1,285.99             | 321.50       | 1,607.49            | 6,751.47   | 6,751.47   |
| 1002(27)                                                                    | Plumbing works                                 | 1.00     | L.S.  | 33,925.52             | 15.00             | 10.00  | 25.00         | 8,481.38             | 2,120.34     | 10,601.72           | 44,527.24  | 44,527.24  |
| 1003(1)d1                                                                   | Ceiling                                        | 0.65     | sq.m. | 1,327.96              | 15.00             | 10.00  | 25.00         | 331.99               | 83.00        | 414.99              | 1,742.95   | 2,681.47   |
| 1003(3)                                                                     | Cabinets                                       | 22.80    | sq.m. | 37,572.35             | 15.00             | 10.00  | 25.00         | 9,393.09             | 2,348.27     | 11,741.36           | 49,313.71  | 2,162.88   |
| 1010(2)b                                                                    | Wooden Panel Door                              | 1.68     | sq.m. | 12,646.01             | 15.00             | 10.00  | 25.00         | 3,161.50             | 790.38       | 3,951.88            | 16,597.89  | 9,879.70   |
| 1018(1)                                                                     | Glazed Tiles and Trims                         | 27.56    | sq.m. | 29,224.37             | 15.00             | 10.00  | 25.00         | 7,306.09             | 1,826.52     | 9,132.61            | 38,356.98  | 1,391.61   |
| 1027                                                                        | Cement Plaster Finish                          | 18.00    | sq.m. | 3,515.05              | 15.00             | 10.00  | 25.00         | 878.76               | 219.69       | 1,098.45            | 4,613.50   | 256.31     |
| 1032(1)a                                                                    | Painting Works (Masonry)                       | 140.70   | sq.m. | 55,299.48             | 15.00             | 10.00  | 25.00         | 13,824.87            | 3,456.22     | 17,281.09           | 72,580.57  | 515.85     |
| 1032(1)c                                                                    | Painting Works (Wood)                          | 63.90    | sq.m. | 31,571.82             | 15.00             | 10.00  | 25.00         | 7,892.96             | 1,973.24     | 9,866.19            | 41,438.02  | 648.48     |
| 1046(2)a1                                                                   | CHB Non Load Bearing                           | 9.00     | sq.m. | 5,863.82              | 15.00             | 10.00  | 25.00         | 1,465.95             | 366.49       | 1,832.44            | 7,696.26   | 855.14     |
| 1101(34)                                                                    | Repair/Replacement of Wires and Wiring Devices | 1.00     | L.S.  | 14,045.76             | 15.00             | 10.00  | 25.00         | 3,511.44             | 877.86       | 4,389.30            | 18,435.05  | 18,435.05  |
|                                                                             | <b>SUB - TOTAL FOR PART B</b>                  |          |       | 264,054.00            |                   |        |               | 66,013.50            | 16,503.37    | 82,516.87           | 346,570.87 |            |
|                                                                             | <b>TOTAL</b>                                   |          |       | 350,394.30            |                   |        |               | 74,647.53            | 21,252.09    | 95,899.62           | 446,293.98 |            |

Prepared by :  
  
**ISIDRA A. ESTANISLAO**  
 Head, BAC Technical Working Group

Submitted by :  
  
**WILHELM B. KASIM**  
 Chief, Maintenance Division

Recommending Approval :  
  
**KHADAFFY D. PANGCOL**  
 Asst. Regional Director

Approved by :  
  
**CAYAMON D. DIA, CESO IV**  
 Regional Director

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: B.7 Occupation Safety and Health Program

Unit of Measurement: month

Output per hour:

Quantity: 1.00

| Designation             |                                                                                      | No. of Persons   | No. of Days | Daily Rate                | Amount      |
|-------------------------|--------------------------------------------------------------------------------------|------------------|-------------|---------------------------|-------------|
| A.                      | Labor                                                                                |                  |             |                           |             |
|                         | a. Safety Practitioner                                                               | 1                | 45.00       | 647.60                    | 29,142.00   |
|                         | b. First Aider                                                                       | 1                | 90.00       | 468.87                    | 42,198.30   |
| Sub-total for A         |                                                                                      |                  |             |                           | P 71,340.30 |
| Name and Capacity       |                                                                                      | No. of Equipment | No. of Days | Daily Rate                | Amount      |
| B.                      | Equipment, (2014 ACEL Rates)                                                         |                  |             |                           |             |
| Sub-total for B         |                                                                                      |                  |             |                           | P -         |
| C.                      | Total (A+B)                                                                          |                  |             |                           | 71,340.30   |
| D.                      | Output/day                                                                           | -                | L.S./day    |                           |             |
| Name and Specifications |                                                                                      | Quantity         | Unit        | Unit Cost                 | Amount      |
| E.                      | Materials                                                                            |                  |             |                           |             |
|                         | a. Personal Protective Equipment<br>(includes Hard Hats, Safety Shoes, Gloves, etc.) | 1.00             | L.S.        | 15,000.00                 | 15,000.00   |
| Sub-total for E         |                                                                                      |                  |             |                           | P 15,000.00 |
| F.                      | Direct Cost (C + E)                                                                  |                  |             |                           | 86,340.30   |
| G.                      | Overhead, Contingencies and Miscellaneous                                            |                  |             | per D.O. 197, s. 2016     | -           |
| H.                      | Contractor's Profit (CP)                                                             |                  |             | 15% per D.O. 197, s. 2016 | 12,951.05   |
| I.                      | Value Added Tax (VAT)                                                                |                  |             | 5% per D.O. 197, s. 2016  | 4,964.57    |
| J.                      | Total Unit Cost                                                                      |                  |             |                           | 104,255.91  |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City  
Item No./Description: 801(1) Removal of Structures and Obstruction  
Unit of Measurement: L.S.  
Output per hour: 1.00  
Quantity: 1.00

| Designation             |                                           | No. of Persons   | No. of Days             | Daily Rate | Amount    |
|-------------------------|-------------------------------------------|------------------|-------------------------|------------|-----------|
| A.                      | Labor                                     |                  |                         |            |           |
|                         | a. Const. Foreman                         | 1                | 7.00                    | 647.61     | 4,533.27  |
|                         | d. Unskilled Laborer                      | 8                | 7.00                    | 361.25     | 20,230.00 |
| Sub-total for A         |                                           |                  |                         | P          | 24,763.27 |
| Name and Capacity       |                                           | No. of Equipment | No. of Days             | Daily Rate | Amount    |
| B.                      | Equipment, (2014 ACEL Rates)              |                  |                         |            |           |
|                         | a. Jackhammer                             | 1                | 3.50                    | 1,200.00   | 4,200.00  |
|                         | Minor Tools (10% of labor cost)           |                  |                         |            | 2,476.33  |
| Sub-total for B         |                                           |                  |                         | P          | 6,676.33  |
| C.                      | Total (A+B)                               |                  |                         |            | 31,439.60 |
| D.                      | Output/day l.s./day                       |                  |                         |            |           |
| Name and Specifications |                                           | Quantity         | Unit                    | Unit Cost  | Amount    |
| E.                      | Materials                                 |                  |                         |            |           |
| Sub-total for E         |                                           |                  |                         | P          | -         |
| F.                      | Direct Cost (C + E)                       |                  |                         |            | 31,439.60 |
| G.                      | Overhead, Contingencies and Miscellaneous |                  | 15% per D.O. 197 s 2016 |            | 4,715.94  |
| H.                      | Contractor's Profit (CP)                  |                  | 10% per D.O. 197 s 2016 |            | 3,143.96  |
| I.                      | Value Added Tax (VAT)                     |                  | 5% per D.O. 197 s 2016  |            | 1,964.97  |
| J.                      | Total Unit Cost                           |                  |                         |            | 41,264.47 |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 900(1)a1 Structural Concrete

Unit of Measurement: cu.m.

Output per hour: 0.50

Quantity: 0.26

| Designation             |                                           | No. of Persons   | No. of Days             | Daily Rate | Amount     |
|-------------------------|-------------------------------------------|------------------|-------------------------|------------|------------|
| A.                      | Labor                                     |                  |                         |            |            |
|                         | a. Const. Forem                           | 1                | 0.06                    | 647.61     | 42.01      |
|                         | c. Skilled Labor                          | 2                | 0.06                    | 468.87     | 60.83      |
|                         | d. Unskilled Labor                        | 6                | 0.06                    | 361.25     | 140.61     |
| Sub-total for A         |                                           |                  |                         |            | P 243.45   |
| Name and Capacity       |                                           | No. of Equipment | No. of Days             | Daily Rate | Amount     |
| B.                      | Equipment, (2014 ACEL Rates)              |                  |                         |            |            |
|                         | a. One-bagger Mixer                       | 1                | 0.06                    | 1,376.00   | 89.26      |
|                         | b. Minor Tools (10% of labor cost)        |                  |                         |            | 24.34      |
| Sub-total for B         |                                           |                  |                         |            | P 113.61   |
| C.                      | Total (A+B)                               |                  |                         |            | 357.05     |
| D.                      | Output/day                                | 4.01             | cu.m/day                |            |            |
| Name and Specifications |                                           | Quantity         | Unit                    | Unit Cost  | Amount     |
| E.                      | Materials                                 |                  |                         |            |            |
|                         | a. Gravel                                 | 0.26             | cu.m.                   | 1,200.00   | 312.00     |
|                         | b. Sand                                   | 0.13             | cu.m.                   | 1,400.00   | 182.00     |
|                         | c. Portland Cement                        | 2.37             | bags                    | 300.00     | 709.80     |
| Sub-total for E         |                                           |                  |                         |            | P 1,203.80 |
| F.                      | Direct Cost (C + E)                       |                  |                         |            | 1,560.85   |
| G.                      | Overhead, Contingencies and Miscellaneous |                  | 15% per D.O. 197 s 2016 |            | 234.13     |
| H.                      | Contractor's Profit (CP)                  |                  | 10% per D.O. 197 s 2016 |            | 156.09     |
| I.                      | Value Added Tax (VAT)                     |                  | 5% per D.O. 197 s 2016  |            | 97.55      |
| J.                      | Total Unit Cost                           |                  |                         |            | 7,879.31   |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 902( 1)a Reinforcing Steel

Unit of Measurement: kg.

Output per hour: 143.44

Quantity: 18.50

| Designation             |                                                                   | No. of Persons   | No. of Days | Daily Rate | Amount   |
|-------------------------|-------------------------------------------------------------------|------------------|-------------|------------|----------|
| A.                      | Labor                                                             |                  |             |            |          |
|                         | a. Const. Foreman                                                 | 1                | 0.02        | 647.61     | 10.44    |
|                         | c. Skilled Laborer                                                | 3                | 0.02        | 468.87     | 22.68    |
|                         | c. Unskilled Laborer                                              | 12               | 0.02        | 361.25     | 69.89    |
| Sub-total for A         |                                                                   |                  |             |            | P 103.01 |
| Name and Capacity       |                                                                   | No. of Equipment | No. of Days | Daily Rate | Amount   |
| B.                      | Equipment, (2014 ACEL Rates)                                      |                  |             |            |          |
|                         | a. Bar Cutter                                                     | 1                | 0.01        | 1,758.00   | 14.17    |
|                         | b. Bar Bender                                                     | 1                | 0.01        | 2,812.00   | 22.67    |
|                         | Minor Tools 10% of Labor Cost                                     |                  |             |            | 10.30    |
| Sub-total for B         |                                                                   |                  |             |            | P 47.14  |
| C.                      | Total (A+B)                                                       |                  |             |            | 150.15   |
| D.                      | Output/day 1,147.50 kgs./day                                      |                  |             |            |          |
| Name and Specifications |                                                                   | Quantity         | Unit        | Unit Cost  | Amount   |
| E.                      | Materials                                                         |                  |             |            |          |
|                         | a. Deformed Reinforcing Steel                                     | 18.50            | kg.         | 38.00      | 703.00   |
|                         | b. #16 G.I. Tie Wire                                              | 0.28             | kg.         | 100.00     | 27.75    |
|                         | Consumables 5% of Material Cost                                   |                  |             |            | 36.54    |
| Sub-total for E         |                                                                   |                  |             |            | P 767.29 |
| F.                      | Direct Cost (C + E)                                               |                  |             |            | 917.43   |
| G.                      | Overhead, Contingencies and Miscellaneous 15% per D.O. 197 s 2016 |                  |             |            | 137.62   |
| H.                      | Contractor's Profit(CP) 10% per D.O. 197 s 2016                   |                  |             |            | 91.74    |
| I.                      | Value Added Tax (VAT) 5% per D.O. 197 s 2016                      |                  |             |            | 57.34    |
| J.                      | Total Unit Cost                                                   |                  |             |            | 65.09    |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 1002(11)b Kitchen Sink

Unit of Measurement: set

Output per hour: 1.00

Quantity: 1.00

| Designation             |                                           | No. of Persons   | No. of Days             | Daily Rate | Amount   |
|-------------------------|-------------------------------------------|------------------|-------------------------|------------|----------|
| A.                      | Labor                                     |                  |                         |            |          |
|                         | a. Const. Foreman                         | 1                | 0.25                    | 647.61     | 161.90   |
|                         | b. Skilled Laborer                        | 1                | 0.25                    | 468.87     | 117.22   |
|                         | c. Unskilled Laborer                      | 1                | 0.25                    | 361.25     | 90.31    |
| Sub-total for A         |                                           |                  |                         | P          | 369.43   |
| Name and Capacity       |                                           | No. of Equipment | No. of Days             | Daily Rate | Amount   |
| B.                      | Equipment, (2014 ACEL Rates)              |                  |                         |            |          |
|                         | Minor Tools (10% of Labor Cost)           |                  |                         |            | 36.94    |
| Sub-total for B         |                                           |                  |                         | P          | 36.94    |
| C.                      | Total (A+B)                               |                  |                         |            | 406.38   |
| D.                      | Output/day                                | 8.00             | sq.m./day               |            |          |
| Name and Specifications |                                           | Quantity         | Unit                    | Unit Cost  | Amount   |
| E.                      | Materials                                 |                  |                         |            |          |
|                         | a. Kitchen Sink                           | 1.00             | set                     | 4,512.00   | 4,512.00 |
|                         | Consumables 5% of Material Cost           |                  |                         |            | 225.60   |
| Sub-total for E         |                                           |                  |                         | P          | 4,737.60 |
| F.                      | Direct Cost (C + E)                       |                  |                         |            | 5,143.98 |
| G.                      | Overhead, Contingencies and Miscellaneous |                  | 15% per D.O. 197 s 2016 |            | 771.60   |
| H.                      | Contractor's Profit (CP)                  |                  | 10% per D.O. 197 s 2016 |            | 514.40   |
| I.                      | Value Added Tax (VAT)                     |                  | 5% per D.O. 197 s 2016  |            | 321.50   |
| J.                      | Total Unit Cost                           |                  |                         |            | 6,751.47 |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 1002(27) Plumbing works

Unit of Measurement: L.S.

Output per hour:

Quantity: 1.00

| Designation             |                                           | No. of Persons   | No. of Days             | Daily Rate | Amount    |
|-------------------------|-------------------------------------------|------------------|-------------------------|------------|-----------|
| A.                      | Labor                                     |                  |                         |            |           |
|                         | a. Const. Foreman                         | 1                | 5.00                    | 647.61     | 3,238.05  |
|                         | b. Skilled Laborer                        | 1                | 5.00                    | 468.87     | 2,344.35  |
|                         | c. Unskilled Laborer                      | 3                | 5.00                    | 361.25     | 5,418.75  |
| Sub-total for A         |                                           |                  |                         | P          | 11,001.15 |
| Name and Capacity       |                                           | No. of Equipment | No. of Days             | Daily Rate | Amount    |
| B.                      | Equipment, (2014 ACEL Rates)              |                  |                         |            |           |
|                         | Minor Tools 10% of Labor                  |                  |                         |            | 1,100.12  |
| Sub-total for B         |                                           |                  |                         | P          | 1,100.12  |
| C.                      | Total (A+B)                               |                  |                         |            | 12,101.27 |
| D.                      | Output/day                                | -                |                         |            |           |
| Name and Specifications |                                           | Quantity         | Unit                    | Unit Cost  | Amount    |
| E.                      | Materials                                 |                  |                         |            |           |
|                         | a. Water Closet                           | 2.00             | set                     | 7,353.00   | 14,706.00 |
|                         | b. Lavatory                               | 2.00             | set                     | 1,400.00   | 2,800.00  |
|                         | c. Shower Head with Valve                 | 1.00             | set                     | 1,744.00   | 1,744.00  |
|                         | d. Faucet                                 | 2.00             | pc.                     | 166.00     | 332.00    |
|                         | e. G.I. Pipes 1/2" dia.                   | 3.00             | pc.                     | 321.00     | 963.00    |
|                         | f. G.I. Connectors (Assorted)             | 6.00             | pc.                     | 35.00      | 210.00    |
|                         | g. Teflon Tape                            | 2.00             | roll                    | 15.00      | 30.00     |
|                         | Consumables 5% of Material Cost           |                  |                         |            | 1,039.25  |
| Sub-total for E         |                                           |                  |                         | P          | 21,824.25 |
| F.                      | Direct Cost (C + E)                       |                  |                         |            | 33,925.52 |
| G.                      | Overhead, Contingencies and Miscellaneous |                  | 15% per D.O. 197 s 2016 |            | 5,088.83  |
| H.                      | Contractor's Profit (CP)                  |                  | 10% per D.O. 197 s 2016 |            | 3,392.55  |
| I.                      | Value Added Tax (VAT)                     |                  | 5% per D.O. 197 s 2016  |            | 2,120.34  |
| J.                      | Total Unit Cost                           |                  |                         |            | 44,527.24 |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 1003(1)d1 Ceiling

Unit of Measurement: sq.m.

Output per hour: 1.24

Quantity: 0.65

| Designation             |                                           | No. of Persons   | No. of Days             | Daily Rate | Amount   |
|-------------------------|-------------------------------------------|------------------|-------------------------|------------|----------|
| A.                      | Labor                                     |                  |                         |            |          |
|                         | a. Const. Foreman                         | 1                | 0.07                    | 647.61     | 42.33    |
|                         | b. Skilled Laborer                        | 1                | 0.07                    | 468.87     | 30.65    |
|                         | c. Unskilled Laborer                      | 2                | 0.07                    | 361.25     | 47.23    |
| Sub-total for A         |                                           |                  |                         | P          | 120.21   |
| Name and Capacity       |                                           | No. of Equipment | No. of Days             | Daily Rate | Amount   |
| B.                      | Equipment, (2014 ACEL Rates)              |                  |                         |            |          |
|                         | Minor Tools 10% of Labor                  |                  |                         |            | 12.02    |
| Sub-total for B         |                                           |                  |                         | P          | 12.02    |
| C.                      | Total (A+B)                               |                  |                         |            | 132.23   |
| D.                      | Output/day                                | 9.94             |                         |            |          |
| Name and Specifications |                                           | Quantity         | Unit                    | Unit Cost  | Amount   |
| E.                      | Materials                                 |                  |                         |            |          |
|                         | a. 6mm Thk. Ordinary Plywood              | 0.24             | pc.                     | 300.00     | 71.18    |
|                         | b. Metal Furring                          | 0.74             | pc.                     | 1,400.00   | 1,029.21 |
|                         | c. Carrying Channel                       | 0.23             | pc.                     | 125.00     | 29.01    |
|                         | d. Hanger Bars/Rod                        | 0.65             | pc.                     | 25.00      | 16.25    |
|                         | e. Channel Clip                           | 3.90             | pc.                     | 4.50       | 17.55    |
|                         | f. Wall Angle                             | 0.15             | pc.                     | 90.00      | 13.92    |
|                         | g. Rivets                                 | 9.10             | pc.                     | 1.48       | 13.42    |
|                         | h. 1" Metal Screw                         | 2.60             | pc.                     | 2.00       | 5.20     |
| Sub-total for E         |                                           |                  |                         | P          | 1,195.74 |
| F.                      | Direct Cost (C + E)                       |                  |                         |            | 1,327.96 |
| G.                      | Overhead, Contingencies and Miscellaneous |                  | 15% per D.O. 197 s 2016 |            | 199.19   |
| H.                      | Contractor's Profit (CP)                  |                  | 10% per D.O. 197 s 2016 |            | 132.80   |
| I.                      | Value Added Tax (VAT)                     |                  | 5% per D.O. 197 s 2016  |            | 83.00    |
| J.                      | Total Unit Cost                           |                  |                         |            | 2,681.47 |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 1003(3) Cabinets

Unit of Measurement: sq.m.

Output per hour: 22.80

Quantity: 22.80

| Designation             |                                           | No. of Persons   | No. of Days             | Daily Rate | Amount      |
|-------------------------|-------------------------------------------|------------------|-------------------------|------------|-------------|
| A.                      | Labor                                     |                  |                         |            |             |
|                         | a. Const. Foreman                         | 1                | 6.00                    | 647.61     | 3,885.66    |
|                         | b. Skilled Laborer                        | 3                | 6.00                    | 468.87     | 8,439.66    |
|                         | c. Unskilled Laborer                      | 6                | 6.00                    | 361.25     | 13,005.00   |
| Sub-total for A         |                                           |                  |                         |            | P 25,330.32 |
| Name and Capacity       |                                           | No. of Equipment | No. of Days             | Daily Rate | Amount      |
| B.                      | Equipment, (2014 ACEL Rates)              |                  |                         |            |             |
|                         | Minor Tools 10% of Labor                  |                  |                         |            | 2,533.03    |
| Sub-total for B         |                                           |                  |                         |            | P 2,533.03  |
| C.                      | Total (A+B)                               |                  |                         |            | 27,863.35   |
| D.                      | Output/day                                | -                |                         |            |             |
| Name and Specifications |                                           | Quantity         | Unit                    | Unit Cost  | Amount      |
| E.                      | Materials                                 |                  |                         |            |             |
|                         | a. 3/4" Plyboard                          | 7.92             | pc.                     | 880.00     | 6,966.67    |
|                         | b. 1/2" dia. Aluminum Pipe                | 1.00             | pc.                     | 200.00     | 200.00      |
|                         | c. Finishing Nail                         | 2.00             | kg.                     | 120.00     | 240.00      |
|                         | d. Concealed Hinges Full                  | 7.00             | pc.                     | 90.00      | 630.00      |
|                         | e. Concealed Hinges Half                  | 8.00             | pc.                     | 90.00      | 720.00      |
|                         | f. Cabinet Handle                         | 14.00            | pc.                     | 35.00      | 490.00      |
|                         | Consumables 5% of Material Cost           |                  |                         |            | 462.33      |
| Sub-total for E         |                                           |                  |                         |            | P 9,709.00  |
| F.                      | Direct Cost (C + E)                       |                  |                         |            | 37,572.35   |
| G.                      | Overhead, Contingencies and Miscellaneous |                  | 15% per D.O. 197 s 2016 |            | 5,635.85    |
| H.                      | Contractor's Profit (CP)                  |                  | 10% per D.O. 197 s 2016 |            | 3,757.24    |
| I.                      | Value Added Tax (VAT)                     |                  | 5% per D.O. 197 s 2016  |            | 2,348.27    |
| J.                      | Total Unit Cost                           |                  |                         |            | 2,162.88    |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 1010(2)b Wooden Panel Door

Unit of Measurement: sq.m.

Output per hour: 0.36

Quantity: 1.68

| Designation             |                                                          | No. of Persons   | No. of Days             | Daily Rate | Amount    |
|-------------------------|----------------------------------------------------------|------------------|-------------------------|------------|-----------|
| A.                      | Labor                                                    |                  |                         |            |           |
|                         | a. Const. Foreman                                        | 1                | 0.58                    | 647.61     | 377.77    |
|                         | b. Skilled Laborer                                       | 1                | 0.58                    | 468.87     | 273.51    |
|                         | c. Unskilled Laborer                                     | 2                | 0.58                    | 361.25     | 421.46    |
| Sub-total for A         |                                                          |                  |                         | P          | 1,072.74  |
| Name and Capacity       |                                                          | No. of Equipment | No. of Days             | Daily Rate | Amount    |
| B.                      | Equipment, (2014 ACEL Rates)<br>Minor Tools 10% of Labor |                  |                         |            | 107.27    |
| Sub-total for B         |                                                          |                  |                         | P          | 107.27    |
| C.                      | Total (A+B)                                              |                  |                         |            | 1,180.01  |
| D.                      | Output/day                                               | 2.88             |                         |            |           |
| Name and Specifications |                                                          | Quantity         | Unit                    | Unit Cost  | Amount    |
| E.                      | Materials                                                |                  |                         |            |           |
|                         | a. PVC Door                                              | 1.68             | sq.m.                   | 6,500.00   | 10,920.00 |
|                         | Consumables 5% of Material Cost                          |                  |                         |            | 546.00    |
| Sub-total for E         |                                                          |                  |                         | P          | 11,466.00 |
| F.                      | Direct Cost (C + E)                                      |                  |                         |            | 12,646.01 |
| G.                      | Overhead, Contingencies and Miscellaneous                |                  | 15% per D.O. 197 s 2016 |            | 1,896.90  |
| H.                      | Contractor's Profit (CP)                                 |                  | 10% per D.O. 197 s 2016 |            | 1,264.60  |
| I.                      | Value Added Tax (VAT)                                    |                  | 5% per D.O. 197 s 2016  |            | 790.38    |
| J.                      | Total Unit Cost                                          |                  |                         |            | 9,879.70  |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 1018(1) Glazed Tiles and Trims

Unit of Measurement: sq.m.

Output per hour: 1.37

Quantity: 27.563

| Designation             |                                           | No. of Persons   | No. of Days             | Daily Rate | Amount      |
|-------------------------|-------------------------------------------|------------------|-------------------------|------------|-------------|
| A.                      | Labor                                     |                  |                         |            |             |
|                         | a. Const. Foreman                         | 1                | 2.52                    | 647.61     | 1,634.62    |
|                         | b. Skilled Laborer                        | 5                | 2.52                    | 468.87     | 5,917.34    |
|                         | c. Unskilled Laborer                      | 5                | 2.52                    | 361.25     | 4,559.13    |
| Sub-total for A         |                                           |                  |                         |            | P 12,111.09 |
| Name and Capacity       |                                           | No. of Equipment | No. of Days             | Daily Rate | Amount      |
| B.                      | Equipment, (2014 ACEL Rates)              |                  |                         |            |             |
|                         | Minor Tools 10% of Labor                  |                  |                         |            | 1,211.11    |
| Sub-total for B         |                                           |                  |                         |            | P 1,211.11  |
| C.                      | Total (A+B)                               |                  |                         |            | 13,322.19   |
| D.                      | Output/day                                | 10.92            |                         |            |             |
| Name and Specifications |                                           | Quantity         | Unit                    | Unit Cost  | Amount      |
| E.                      | Materials                                 |                  |                         |            |             |
|                         | a. Glazed Tiles                           | 28.94            | sq.m.                   | 313.00     | 9,058.58    |
|                         | b. Cement                                 | 8.96             | bag                     | 300.00     | 2,687.39    |
|                         | c. Sand                                   | 0.72             | cu.m.                   | 1,400.00   | 1,003.29    |
|                         | d. Tile Grout                             | 3.45             | bag                     | 100.00     | 344.54      |
|                         | e. Tile Adhesive                          | 3.94             | bag                     | 595.00     | 2,345.20    |
|                         | Consumables 3% of Material Cost           |                  |                         |            | 463.17      |
| Sub-total for E         |                                           |                  |                         |            | P 15,902.17 |
| F.                      | Direct Cost (C + E)                       |                  |                         |            | 29,224.37   |
| G.                      | Overhead, Contingencies and Miscellaneous |                  | 15% per D.O. 197 s 2016 |            | 4,383.65    |
| H.                      | Contractor's Profit (CP)                  |                  | 10% per D.O. 197 s 2016 |            | 2,922.44    |
| I.                      | Value Added Tax (VAT)                     |                  | 5% per D.O. 197 s 2016  |            | 1,826.52    |
| J.                      | Total Unit Cost                           |                  |                         |            | 1,391.61    |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 1027 Cement Plaster Finish

Unit of Measurement: sq.m.

Output per hour: 7.13

Quantity: 18.00

| Designation             |                                           | No. of Persons          | No. of Days | Daily Rate | Amount     |
|-------------------------|-------------------------------------------|-------------------------|-------------|------------|------------|
| A.                      | Labor                                     |                         |             |            |            |
|                         | a. Const. Foreman                         | 1                       | 0.32        | 647.61     | 204.51     |
|                         | b. Skilled Laborer                        | 2                       | 0.32        | 468.87     | 296.13     |
|                         | c. Unskilled Laborer                      | 4                       | 0.32        | 361.25     | 456.32     |
| Sub-total for A         |                                           |                         |             |            | P 956.95   |
| Name and Capacity       |                                           | No. of Equipment        | No. of Days | Daily Rate | Amount     |
| B.                      | Equipment, (2014 ACEL Rates)              |                         |             |            |            |
|                         | Minor Tools 10% of Labor                  |                         |             |            | 95.70      |
| Sub-total for B         |                                           |                         |             |            | P 95.70    |
| C.                      | Total (A+B)                               |                         |             |            | 1,052.65   |
| D.                      | Output/day                                | 57.00                   |             |            |            |
| Name and Specifications |                                           | Quantity                | Unit        | Unit Cost  | Amount     |
| E.                      | Materials                                 |                         |             |            |            |
|                         | a. Cement                                 | 5.94                    | bag         | 300.00     | 1,782.00   |
|                         | b. Sand                                   | 0.49                    | cu.m.       | 1,400.00   | 680.40     |
| Sub-total for E         |                                           |                         |             |            | P 2,462.40 |
| F.                      | Direct Cost (C + E)                       |                         |             |            | 3,515.05   |
| G.                      | Overhead, Contingencies and Miscellaneous | 15% per D.O. 197 s 2016 |             |            | 527.26     |
| H.                      | Contractor's Profit (CP)                  | 10% per D.O. 197 s 2016 |             |            | 351.50     |
| I.                      | Value Added Tax (VAT)                     | 5% per D.O. 197 s 2016  |             |            | 219.69     |
| J.                      | Total Unit Cost                           |                         |             |            | 256.31     |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX.  
 N.S. Valderosa St., Pettit Barracks, Zamboanga City  
 Item No./Description: 1032(1)a Painting Works (Masonry)  
 Unit of Measurement: sq.m.  
 Output per hour: 2.10  
 Quantity: 140.70

| Designation             |                                                          | No. of Persons          | No. of Days | Daily Rate | Amount      |
|-------------------------|----------------------------------------------------------|-------------------------|-------------|------------|-------------|
| A.                      | Labor                                                    |                         |             |            |             |
|                         | a. Const. Foreman                                        | 1                       | 8.38        | 647.61     | 5,423.73    |
|                         | b. Skilled Laborer                                       | 2                       | 8.38        | 468.87     | 7,853.57    |
|                         | c. Unskilled Laborer                                     | 1                       | 8.38        | 361.25     | 3,025.47    |
| Sub-total for A         |                                                          |                         |             |            | P 16,302.78 |
| Name and Capacity       |                                                          | No. of Equipment        | No. of Days | Daily Rate | Amount      |
| B.                      | Equipment, (2014 ACEL Rates)<br>Minor Tools 10% of Labor |                         |             |            | 1,630.28    |
| Sub-total for B         |                                                          |                         |             |            | P 1,630.28  |
| C.                      | Total (A+B)                                              |                         |             |            | 17,933.05   |
| D.                      | Output/day                                               | 16.80                   |             |            |             |
| Name and Specifications |                                                          | Quantity                | Unit        | Unit Cost  | Amount      |
| E.                      | Materials                                                |                         |             |            |             |
|                         | a. Concrete Neutralizer                                  | 2.81                    | gal.        | 682.00     | 1,919.15    |
|                         | b. Concrete Sealer/Primer                                | 11.26                   | gal.        | 682.00     | 7,676.59    |
|                         | c. Patching Compound                                     | 14.07                   | gal.        | 682.00     | 9,595.74    |
|                         | d. Semi Gloss Latex                                      | 22.51                   | gal.        | 759.00     | 17,086.61   |
|                         | Consumables 3% of Material Cost                          |                         |             |            | 1,088.34    |
| Sub-total for E         |                                                          |                         |             |            | P 37,366.43 |
| F.                      | Direct Cost (C + E)                                      |                         |             |            | 55,299.48   |
| G.                      | Overhead, Contingencies and Miscellaneous                | 15% per D.O. 197 s 2016 |             |            | 8,294.92    |
| H.                      | Contractor's Profit (CP)                                 | 10% per D.O. 197 s 2016 |             |            | 5,529.95    |
| I.                      | Value Added Tax (VAT)                                    | 5% per D.O. 197 s 2016  |             |            | 3,456.22    |
| J.                      | Total Unit Cost                                          |                         |             |            | 515.85      |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 1032(1)c Painting Works (Wood)

Unit of Measurement: sq.m.

Output per hour: 1.89

Quantity: 63.90

| Designation             |                                           | No. of Persons   | No. of Days             | Daily Rate | Amount      |
|-------------------------|-------------------------------------------|------------------|-------------------------|------------|-------------|
| A.                      | Labor                                     |                  |                         |            |             |
|                         | a. Const. Foreman                         | 1                | 4.23                    | 647.61     | 2,736.92    |
|                         | b. Skilled Laborer                        | 2                | 4.23                    | 468.87     | 3,963.07    |
|                         | c. Unskilled Laborer                      | 1                | 4.23                    | 361.25     | 1,526.71    |
| Sub-total for A         |                                           |                  |                         |            | P 8,226.70  |
| Name and Capacity       |                                           | No. of Equipment | No. of Days             | Daily Rate | Amount      |
| B.                      | Equipment, (2014 ACEL Rates)              |                  |                         |            |             |
|                         | Minor Tools 10% of Labor                  |                  |                         |            | 822.67      |
| Sub-total for B         |                                           |                  |                         |            | P 822.67    |
| C.                      | Total (A+B)                               |                  |                         |            | 9,049.37    |
| D.                      | Output/day                                | 15.12            |                         |            |             |
| Name and Specifications |                                           | Quantity         | Unit                    | Unit Cost  | Amount      |
| E.                      | Materials                                 |                  |                         |            |             |
|                         | a. Glazing Putty                          | 6.39             | gal.                    | 150.00     | 958.50      |
|                         | b. Flat Wall Enamel                       | 5.11             | gal.                    | 775.00     | 3,961.80    |
|                         | c. Enamel Quick Dry                       | 5.11             | gal.                    | 775.00     | 3,961.80    |
|                         | d. Paint Thinner                          | 31.95            | gal.                    | 334.00     | 10,671.30   |
|                         | e. Tinting Color                          | 1.28             | gal.                    | 1,484.00   | 1,896.55    |
|                         | Consumables 5% of Material Cost           |                  |                         |            | 1,072.50    |
| Sub-total for E         |                                           |                  |                         |            | P 22,522.45 |
| F.                      | Direct Cost (C + E)                       |                  |                         |            | 31,571.82   |
| G.                      | Overhead, Contingencies and Miscellaneous |                  | 15% per D.O. 197 s 2016 |            | 4,735.77    |
| H.                      | Contractor's Profit (CP)                  |                  | 10% per D.O. 197 s 2016 |            | 3,157.18    |
| I.                      | Value Added Tax (VAT)                     |                  | 5% per D.O. 197 s 2016  |            | 1,973.24    |
| J.                      | Total Unit Cost                           |                  |                         |            | 648.48      |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City

Item No./Description: 1046(2)a' CHB Non Load Bearing

Unit of Measurement: sq.m.

Output per hour: 3.825

Quantity: 9.00

| Designation             |                                           | No. of Persons   | No. of Days             | Daily Rate | Amount   |
|-------------------------|-------------------------------------------|------------------|-------------------------|------------|----------|
| A.                      | Labor                                     |                  |                         |            |          |
|                         | a. Const. Foreman                         | 1                | 0.29                    | 647.61     | 190.47   |
|                         | b. Skilled Laborer                        | 2                | 0.29                    | 468.87     | 275.81   |
|                         | c. Unskilled Laborer                      | 3                | 0.29                    | 361.25     | 318.75   |
| Sub-total for A         |                                           |                  |                         | P          | 785.03   |
| Name and Capacity       |                                           | No. of Equipment | No. of Days             | Daily Rate | Amount   |
| B.                      | Equipment, (2014 ACEL Rates)              |                  |                         |            |          |
|                         | a. One Bagger Mixer                       | 1                | 0.29                    | 1,376.00   | 404.71   |
|                         | Minor Tools 10% of Labor                  |                  |                         |            | 78.50    |
| Sub-total for B         |                                           |                  |                         | P          | 483.21   |
| C.                      | Total (A+B)                               |                  |                         |            | 1,268.24 |
| D.                      | Output/day                                | 30.60            |                         |            |          |
| Name and Specifications |                                           | Quantity         | Unit                    | Unit Cost  | Amount   |
| E.                      | Materials                                 |                  |                         |            |          |
|                         | a. 100 mm. thk. CHB Non Load Bearing      | 117.00           | pc.                     | 13.00      | 1,521.00 |
|                         | b. Cement                                 | 4.73             | bag                     | 300.00     | 1,417.50 |
|                         | c. Sand                                   | 0.36             | cu.m.                   | 1,400.00   | 504.00   |
|                         | d. Reinforcing Steel                      | 29.16            | kg.                     | 38.00      | 1,108.08 |
|                         | e. #16 G.I. Tie Wire                      | 0.45             | kg.                     | 100.00     | 45.00    |
| Sub-total for E         |                                           |                  |                         | P          | 4,595.58 |
| F.                      | Direct Cost (C + E)                       |                  |                         |            | 5,863.82 |
| G.                      | Overhead, Contingencies and Miscellaneous |                  | 15% per D.O. 197 s 2016 |            | 879.57   |
| H.                      | Contractor's Profit (CP)                  |                  | 10% per D.O. 197 s 2016 |            | 586.38   |
| I.                      | Value Added Tax (VAT)                     |                  | 5% per D.O. 197 s 2016  |            | 366.49   |
| J.                      | Total Unit Cost                           |                  |                         |            | 855.14   |

### DETAILED UNIT PRICE ANALYSIS

PROJECT NAME: Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX,  
N.S. Valderosa St., Pettit Barracks, Zamboanga City  
Item No./Description: 1101(34) Repair/Replacement of Wires and Wiring Devices  
Unit of Measurement: L.S.  
Output per hour:  
Quantity: 1.00

| Designation             |                                                   | No. of Persons   | No. of Days             | Daily Rate | Amount    |
|-------------------------|---------------------------------------------------|------------------|-------------------------|------------|-----------|
| A.                      | Labor                                             |                  |                         |            |           |
|                         | a. Const. Foreman                                 | 1                | 2.00                    | 647.61     | 1,295.22  |
|                         | b. Skilled Laborer                                | 1                | 2.00                    | 468.87     | 937.74    |
|                         | c. Unskilled Laborer                              | 2                | 2.00                    | 361.25     | 1,445.00  |
| Sub-total for A         |                                                   |                  |                         | P          | 3,677.96  |
| Name and Capacity       |                                                   | No. of Equipment | No. of Days             | Daily Rate | Amount    |
| B.                      | Equipment, (2014 ACEL Rates)                      |                  |                         |            |           |
|                         | Minor Tools 10% of Labor                          |                  |                         |            | 367.80    |
| Sub-total for B         |                                                   |                  |                         | P          | 367.80    |
| C.                      | Total (A+B)                                       |                  |                         |            | 4,045.76  |
| D.                      | Output/day                                        | -                |                         |            |           |
| Name and Specifications |                                                   | Quantity         | Unit                    | Unit Cost  | Amount    |
| E.                      | Materials                                         |                  |                         |            |           |
|                         | a. Repair/Replacement of Wires and Wiring Devices | 1.00             | L.S.                    | 10,000.00  | 10,000.00 |
| Sub-total for E         |                                                   |                  |                         | P          | 10,000.00 |
| F.                      | Direct Cost (C + E)                               |                  |                         |            | 14,045.76 |
| G.                      | Overhead, Contingencies and Miscellaneous         |                  | 15% per D.O. 197 s 2016 |            | 2,106.86  |
| H.                      | Contractor's Profit (CP)                          |                  | 12% per D.O. 197 s 2016 |            | 1,685.49  |
| I.                      | Value Added Tax (VAT)                             |                  | 5% per D.O. 197 s 2016  |            | 891.91    |
| J.                      | Total Unit Cost                                   |                  |                         |            | 18,730.02 |

PROJECT : Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX, N.S. Valderosa St., Pettit Barracks, Zamboanga City

## WORK PROGRAMME/SCHEDULE

| ITEM NO.                                                             | DESCRIPTION                            | QUANTITY | UNIT  | DURATION<br>NO. OF DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |  |
|----------------------------------------------------------------------|----------------------------------------|----------|-------|-------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| PART II - OTHER GENERAL REQUIREMENTS                                 |                                        |          |       |                         |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| B.7                                                                  | Occupation Safety and Health Program   | 1.00     | month | 30                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| PART III - CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/PLUMBING WORKS |                                        |          |       |                         |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 801(1)                                                               | Removal of Structures and Obstruction  | 1.00     | L.S.  | 7.00                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 900(1)a1                                                             | Structural Concrete                    | 0.26     | cu.m. | 0.06                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 902(1)a                                                              | Reinforcing Steel                      | 18.50    | kg.   | 0.02                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1002(1)b                                                             | Kitchen Sink                           | 1.00     | set   | 0.25                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1002(27)                                                             | Plumbing works                         | 1.00     | L.S.  | 5.00                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1003(1)d1                                                            | Ceiling                                | 0.65     | sq.m. | 0.07                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1003(3)                                                              | Cabinets                               | 22.80    | sq.m. | 6.00                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1010(2)b                                                             | Wooden Panel Door                      | 1.68     | sq.m. | 0.58                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1018(1)                                                              | Glazed Tiles and Trims                 | 27.56    | sq.m. | 2.52                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1.027                                                                | Cement Plaster Finish                  | 18.00    | sq.m. | 0.32                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1032(1)a                                                             | Painting Works (Masonry)               | 140.70   | sq.m. | 8.38                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1032(1)c                                                             | Painting Works (Wood)                  | 63.90    | sq.m. | 4.23                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1046(2)a1                                                            | CHB Non Load Bearing                   | 9.00     | sq.m. | 0.29                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 1101(34)                                                             | Repair/Replacement of Wires and Wiring | 1.00     | L.S.  | 2.00                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                                                                      |                                        |          |       |                         |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |

Prepared by:

  
**ELWICK P. ACUÑA**  
Engineer II

Submitted by:

  
**WILHELMINA B. KASIM**  
Chief, Maintenance Division

Approval:

  
**CAYAMON B. O. DIAZ, CESO IV**  
Regional Director

PROJECT : Renovation of Regional Director's Quarters, Department of Budget and Management R.O. IX, N.S. Valderosa St., Pettiti Barracks, Zamboanga City  
LOCATION : DPWH RO-IX Compound, Veterans Avenue Extension, Tetuan, Zamboanga City

### SUMMARY OF DETAILED ESTIMATES

| ITEM NO.                                                                    | DESCRIPTION                                    | LABOR             | EQUIPMENT        | MATERIALS         | OCM              | PROFIT           | VAT              | TOTAL             |
|-----------------------------------------------------------------------------|------------------------------------------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------------|
| <b>PART II - OTHER GENERAL REQUIREMENTS</b>                                 |                                                |                   |                  |                   |                  |                  |                  |                   |
| B.7                                                                         | Occupation Safety and Health Program           | 71,340.30         | -                | 15,000.00         | -                | 8,634.03         | 4,748.72         | 99,723.05         |
|                                                                             | <b>SUB - TOTAL FOR PART A</b>                  | <b>71,340.30</b>  | <b>-</b>         | <b>15,000.00</b>  | <b>-</b>         | <b>8,634.03</b>  | <b>4,748.72</b>  | <b>99,723.05</b>  |
| <b>PART III - CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/PLUMBING WORKS</b> |                                                |                   |                  |                   |                  |                  |                  |                   |
| 801(1)                                                                      | Removal of Structures and Obstruction          | 24,763.27         | 6,676.33         | -                 | 4,715.94         | 3,143.96         | 1,964.97         | 41,264.47         |
| 900(1)a1                                                                    | Structural Concrete                            | 243.45            | 113.61           | 1,203.80          | 234.13           | 156.09           | 97.55            | 2,048.52          |
| 902(1)a                                                                     | Reinforcing Steel                              | 103.01            | 47.14            | 767.29            | 137.62           | 91.74            | 57.34            | 1,204.13          |
| 1002(1)b                                                                    | Kitchen Sink                                   | 369.43            | 36.94            | 4,737.60          | 771.60           | 514.40           | 321.50           | 6,751.47          |
| 1002(27)                                                                    | Plumbing works                                 | 11,001.15         | 1,100.12         | 21,824.25         | 5,088.83         | 3,392.55         | 2,120.34         | 44,527.24         |
| 1003(1)d1                                                                   | Ceiling                                        | 120.21            | 12.02            | 1,195.74          | 199.19           | 132.80           | 83.00            | 1,742.95          |
| 1003(3)                                                                     | Cabinets                                       | 25,330.32         | 2,533.03         | 9,709.00          | 5,635.85         | 3,757.24         | 2,348.27         | 49,313.71         |
| 1010(2)b                                                                    | Wooden Panel Door                              | 1,072.74          | 107.27           | 11,466.00         | 1,896.90         | 1,264.60         | 790.38           | 16,597.89         |
| 1018(1)                                                                     | Glazed Tiles and Trims                         | 12,111.09         | 1,211.11         | 15,902.17         | 4,383.65         | 2,922.44         | 1,826.52         | 38,356.98         |
| 1027                                                                        | Cement Plaster Finish                          | 956.95            | 95.70            | 2,462.40          | 527.26           | 351.50           | 219.69           | 4,613.50          |
| 1032(1)a                                                                    | Painting Works (Masonry)                       | 16,302.78         | 1,630.28         | 37,366.43         | 8,294.92         | 5,599.95         | 3,456.22         | 72,580.57         |
| 1032(1)c                                                                    | Painting Works (Wood)                          | 8,226.70          | 822.67           | 22,522.45         | 4,735.77         | 3,157.18         | 1,973.24         | 41,438.02         |
| 1046(2)a1                                                                   | CH8 Non Load Bearing                           | 785.03            | 483.21           | 4,595.58          | 879.57           | 586.38           | 366.49           | 7,696.26          |
| 1101(34)                                                                    | Repair/Replacement of Wires and Wiring Devices | 3,677.96          | 367.80           | 10,000.00         | 2,106.86         | 1,404.58         | 877.86           | 18,435.05         |
|                                                                             | <b>SUB - TOTAL FOR PART B</b>                  | <b>105,064.08</b> | <b>15,237.21</b> | <b>143,752.71</b> | <b>39,608.10</b> | <b>26,405.40</b> | <b>16,503.37</b> | <b>346,570.87</b> |
|                                                                             | <b>T O T A L</b>                               | <b>176,404.38</b> | <b>15,237.21</b> | <b>158,752.71</b> | <b>39,608.10</b> | <b>35,039.43</b> | <b>21,252.09</b> | <b>446,293.92</b> |