

## DETAILED UNIT PRICE ANALYSIS (DUPA)

**Item No./ Description**

**SOLID WASTE MANAGEMENT SERVICES OF MACTAN  
ECONOMIC ZONE (MEZ)**

**Operations**

8 hours, 6 days a week (including holidays)

Required to work on holidays (Supervisor, Drivers and Laborers/Helpers) except Sundays

326.8 days/year (27.233 days per month)

**Unit of measurement**

kilogram

**Quantity (estimated daily generation)**

21600.00

**Date**

July 06, 2023

| Designation  | No. of Person        | No. of Paid Days<br><small>(including holidays)</small> | Daily Basic Rate        | Annual Amount        |
|--|----------------------|---|-------------------------|----------------------|
| <b>A. LABOR</b>  |                      |   |                         |                      |
| <b>A.1. WAGE</b>   |                      |   |                         |                      |
| a. Supervisor  | 1                    | 27.233  |                         |                      |
| b. Drivers   | 5                    | 27.233  |                         |                      |
| c. Helpers   | 10                   | 27.233  |                         |                      |
| <b>A.1. WAGE TOTAL</b>                                     |                      |   |                         |                      |
| <b>A.2. SSS and EC</b>                                     |                      |   |                         |                      |
|  | <b>No. of Person</b> | <b>Monthly SSS and EC Contribution</b>                  |                         | <b>Annual Amount</b> |
| a. Supervisor  | 1                    |   |                         |                      |
| b. Drivers   | 5                    |   |                         |                      |
| c. Helpers   | 10                   |   |                         |                      |
| <b>A.2. SSS and EC TOTAL</b>                               |                      |   |                         |                      |
| <b>A.3. PHILHEALTH</b>                                     |                      |   |                         |                      |
|  | <b>No. of Person</b> | <b>Monthly PhilHealth Contribution</b>                  |                         | <b>Annual Amount</b> |
| a. Supervisor  | 1                    |   |                         |                      |
| b. Drivers   | 5                    |   |                         |                      |
| c. Helpers   | 10                   |   |                         |                      |
| <b>A.3. PHILHEALTH TOTAL</b>                               |                      |   |                         |                      |
| <b>A.4. PAGIBIG</b>  |                      |   |                         |                      |
|  | <b>No. of Person</b> | <b>Monthly PAGIBIG Contribution</b>                     |                         | <b>Annual Amount</b> |
| a. Supervisor  | 1                    |   |                         |                      |
| b. Drivers   | 5                    |   |                         |                      |
| c. Helpers   | 10                   |   |                         |                      |
| <b>A.4. PAGIBIG TOTAL</b>                                  |                      |   |                         |                      |
| <b>A.5. 13TH MONTH PAY</b>                                 |                      |   |                         |                      |
|  | <b>No. of Person</b> | <b>Monthly Rate</b>                                     |                         | <b>Annual Amount</b> |
| a. Supervisor  | 1                    |   |                         |                      |
| b. Drivers   | 5                    |   |                         |                      |
| c. Helpers   | 10                   |   |                         |                      |
| <b>A.5. 13TH MONTH PAY TOTAL</b>                           |                      |   |                         |                      |
| <b>A.6. FIVE DAYS INCENTIVE LEAVE</b>                      |                      |   |                         |                      |
|  | <b>No. of Person</b> | <b>No. of Days</b>                                      | <b>Daily Basic Rate</b> | <b>Annual Amount</b> |
| a. Supervisor  | 1                    | 5   |                         |                      |
| b. Drivers   | 5                    | 5   |                         |                      |
| c. Helpers   | 10                   | 5   |                         |                      |
| <b>A.6. FIVE DAYS INCENTIVE LEAVE TOTAL</b>                |                      |   |                         |                      |
| <b>SUM TOTAL FOR A (A.1 + A.2 + A.3 + A.4 + A.5 + A.6)</b> |                      |   |                         | <b>P</b>             |

| Name and Capacity      |   | No. of Units                           | No. of Days<br><small>(actual hauling days)</small> | Daily Rate (8 hours) | Annual Amount |
|------------------------|---|--|---|----------------------|---------------|
| <b>B.</b>              | <b>EQUIPMENT</b>  |  |   |                      |               |
|                        | a. Truck Rental (at least 3 MT capacity)<br><i>*ACEL RATE FOR 2-5 MT Operated Dry - maintenance expenses inclusive</i>  | 5                                      | 313   |                      |               |
|                        | b. Truck Fuel<br><i>*45 liters per day per truck</i>  | 5                                      | 313   |                      |               |
|                        | c. Weighing Scale at least 60 kg capacity<br><i>* Expected Life Service = 3 years</i>   | 5                                      | 313   |                      |               |
| <b>SUM TOTAL FOR B</b> |   |  |   |                      | <b>P</b>      |
| Specification          |   | Unit                                   | Quantity  | Unit Cost            | Annual Amount |
| <b>C.</b>              | <b>MATERIALS</b>  |  |   |                      |               |
|                        | 1. Personal Protective Equipment<br><i>*Refer to Annex A for the required PPEs per lot. 1 lot per person</i>  | lot                                    | 16  |                      |               |
| <b>SUM TOTAL FOR C</b> |   |  |   |                      | <b>P</b>      |
| Specification          |   | No. of days                            | Quantity (kg/day)                                   | Unit Cost (per kg)   | Annual Amount |
| <b>D.</b>              | <b>TIPPING FEE</b>  |  |   |                      |               |
|                        | a. Tipping Fee - Sanitary Landfill<br><br><i>*Only 90% of the collected residual wastes from MEZ are disposed to sanitary landfill (unrecoverable wastes)</i> | 313                                    | 19440   |                      |               |
| <b>SUM TOTAL FOR D</b> |   |  |   |                      | <b>P</b>      |
| <b>E.</b>              | Direct Cost   | (A+B+C+D)                              |   |                      |               |
| <b>F.</b>              | Administrative Overhead & Profit  | ___% of A (must not be lower than 10%) |   |                      |               |
| <b>G.</b>              | VAT   | 12% of (A+F)                           |   |                      |               |
| <b>H.</b>              | TOTAL ANNUAL COST   | (E+F+G)                                |   |                      |               |

**BIDDING PRICE (Php)**

(Total Annual Cost)

(annual)

**UNIT COST (Php/kg)**

(Total Annual Cost / (Quantity (estimated daily generation)\*313)

CERTIFIED BY: \_\_\_\_\_  
DESIGNATION: \_\_\_\_\_  
DATE: \_\_\_\_\_