



**PROJECT TITLE : SOLID WASTE MANAGEMENT SERVICES OF MACTAN ECONOMIC ZONE (MEZ)
[COLLECTION, TRANSPORT AND DISPOSAL OF THE MEZ NON-HAZARDOUS SOLID WASTE]**

**ACTIVITY : COLLECTION OF SEGREGATED NON-HAZAROUS SOLID WASTE (SNHSW) OF
MACTAN ECONOMIC ZONE (MEZ) LOCATOR ENTERPRISES
: TRANSPORT OF COLLECTED SNHSW FROM MEZ LOCATOR ENTERPRISES TO
HAULER'S MATERIALS RECOVERY FACILITY (MRF) AND/OR DISPOSAL FACILITY
(SANITARY LANDFILL AND/OR ALTERNATIVE TECHNOLOGY FACILITY)
: DISPOSAL OF RESIDUAL WASTE FROM HAULER MRF TO DISPOSAL FACILITY
(SANITARY LANDFILL AND/OR ALTERNATIVE TECHNOLOGY FACILITY)
: DISPOSAL OF RESIDUAL WASTE FROM MEZ LOCATOR ENTERPRISES TO
DISPOSAL FACILITY (SANITARY LANDFILL AND/OR ALTERNATIVE TECHNOLOGY
FACILITY)**

LOCATION : MEZ, LAPU-LAPU CITY

DATE : 30 MAY 2019

A. SCOPE OF WORK ("EXHIBIT A")

The Service Provider shall provide all labor, vehicles, tools, equipment, supplies, supervision and services necessary for the efficient collection, transport and disposal of non-hazardous solid waste. More specifically, the activities to be performed by the Service Provider shall consist of, but not limited to, the following:

1.0 PREPARATION OF NON-HAZARDOUS SOLID WASTE HAULING SCHEDULE

- 1.1 Preparation of hauling schedule for the service provider in coordination with PEZA and MEZ locator enterprise/s.
- 1.2 Assignment of PEZA and MEZ locator enterprise/s representative for the collection of the Non-Hazardous Solid Waste (NHSW).
- 1.3 Assignment of appropriate type of vehicle/s for the hauling of NHSW as per agreed schedule policies and procedure. (In terms of location, enterprise/s and type of SW).
- 1.4 Approval of hauling schedule by PEZA.

2.0 FROM THE LOCATOR ENTERPRISE/S TO HAULERS' MATERIALS RECOVERY FACILITY (MRF) AND/OR DISPOSAL FACILITY (SANITARY LANDFILL AND/OR ALTERNATIVE TECHNOLOGY FACILITY/IES)

- 2.1 Coordinate with PEZA and locator enterprise/s representative for the collection and disposal of SNHSW.
- 2.2 Measurement and computation of collected NHSW by weight according to classification of non-hazardous solid waste (domestic and industrial solid waste)
- 2.3 Issuance of PEZA gate pass for residual waste/garbage disposal and collection receipt to locator enterprise/s.
- 2.4 Collection and loading of NHSW. (By classification)
- 2.5 Hauling of NHSW to MRF and/or disposal facility (sanitary landfill and/or alternative technology facility)

3.0 FROM THE SERVICE ENTERPRISE, OFFICES, CANTEENS, AND STREET GARBAGE TO HAULERS' MRF AND/OR DISPOSAL FACILITY

- 3.1 Coordinate with PEZA representative for the collection and disposal of NHSW and the issuance of PEZA gate pass for residual waste/garbage disposal and collection receipt
- 3.2 Hauling of NHSW to MRF and/or disposal facility.

4.0 SUBMISSION OF MONTHLY REPORT TO PEZA

- 4.1 Summary of monthly report on the daily schedule of solid waste collection and daily collection of called-in requests.
- 4.2 Summary of monthly report on the weight of the recyclables collected from MRF, residual waste disposed to sanitary landfill, and segregated solid waste to alternative technology facility.
- 4.3 Monthly compiled PEZA gate pass for residual waste/ garbage disposal received from MRF and/or disposal facility (sanitary landfill and/or alternative technology facility)

B. SCOPE OF SUPPLY

1.0 VEHICLE REQUIREMENT FOR COLLECTION AND DISPOSAL

- 1.1 8 units Truck, 4 or 6 or 10 wheel with one(1) as backup unit
with 6 x 2.4 x 2.1 (meter) minimum dimension
20' minimum length, dropside with extension at its sidings to accommodate the desired minimum volume required and with truck cover

NOTE: The service provider must guarantee the availability of the required vehicles per day to day operation. Stand-by units of vehicle must be available in good running condition anytime in case of emergency or vehicle bugdown to compensate the required units for day to day operation.

2.0 MANPOWER REQUIREMENT & SUPPLIES ("EXIBIT B")

- 2.1 1 mp Operations Manager
- 2.2 1 mp Supervisor
- 2.3 1 mp Office Clerk
- 2.4 8 mp Drivers
- 2.5 24 mp Helpers
- 2.6 1 lot Personal protective equipment for drivers and helpers
- 2.7 8 units Cellphone for the Supervisor, Office and Drivers
- 2.8 1 unit Motorcycle for the Supervisor
- 2.9 8 units Weighing Scale at 60 to 100 kg capacity

C. TERMS AND CONDITIONS

- 1.0 The service provider must be a PEZA-accredited with valid Certificate of Registration as residual waste hauler. The service provider must have at least one (1) year experience in collection, transport and disposal in an industrial park that generates various waste from different industries.
- 2.0 The service provider must have a Materials Recovery Facility (MRF) designed to receive, sort, process and store non-hazardous solid waste efficiently and in an environmentally sound manner. The MRF shall have the appropriate permits, licenses and certificates from other concerned government agencies.
- 3.0 The service provider shall either own a sanitary landfill or with valid agreement to dispose to a sanitary landfill that is situated in the province of Cebu. The sanitary landfill shall have the appropriate permits, licenses and certificates from other concerned government agencies.
- 4.0 The service provider shall have an alternative option to dispose the segregated non-hazardous solid waste to an alternative technology facility. The segregated solid waste will be utilized as raw material that will be converted into products. If not all solid waste utilized as raw material to an alternative technology facility, service provider must follow item 3.0 of the terms and conditions. The service provider may either own the alternative technology facility or with valid agreement to dispose to alternative technology facility.
- 5.0 Should any problem arise with the disposal facility, the service provider must have a contingency plan to avoid major service disruptions.
- 6.0 The service provider shall ensure at all times that all NHSW collected from the economic zone are properly handled, transported and disposed in accordance to RA 9003 or the Ecological Solid Waste Management Act.
- 7.0 The service provider shall submit monthly summary report of the mass material balance. The monthly summary report will balance the collection versus the disposal in terms of unit weight providing the proof of documents of solid waste disposed.
- 8.0 The service provider shall maintain the validity of the regulatory permits from PEZA and other regulatory agencies otherwise penalties or other sanctions will be imposed.
- 9.0 The service provider shall maintain the standard set for vehicles and other regulations set under PEZA MC 2006-003, otherwise known as "PEZA's Guideline on the Transport of Solid Waste from Economic Zones".
- 10.0 The service provider shall observe strict compliance with the applicable labor laws particularly on manpower's health and safety, compensation and welfare.
The service provider shall maintain the safety and health of the employees by providing the appropriate personal protective equipment (PPE) such as but not limited to gloves, masks and safety boots to protect the employees of the hazards of handling solid waste.
- 11.0 The Service Provider shall maintain the cleanliness of vehicles and the neatness of the personnel collecting and hauling the SNHSW upon entering the zone.
- 12.0 The service provider shall undergo training and orientation of all staff and personnel about PEZA MC 2006-003, reportings , ISO compliance and other PEZA regulations prior to the start of operation.
- 13.0 The service provider shall bill to PEZA the collection, hauling, and disposal of non-hazardous solid waste on or before the 10th day of the following month.

- 14.0 PEZA reserves the right to increase/decrease the number of trucks, personnel and hours of duty, as it deems necessary.
- 15.0 The tipping fee and handling fee are not included in the bid amount. These fees will be shouldered by the locators. The service provider shall add on reasonable tipping and handling fees (per kg) subject to the evaluation and approval of PEZA.
- 16.0 The service provider shall submit the following documents to PEZA for each nominated personnel:
- a. Police and NBI Clearance
 - b. Medical Certificate (Fit to Work)
 - c. Drug Test Result

D. MEZ SOLID WASTE COLLECTION AND DISPOSAL DATA

1.0	Annual weight of SW collected and disposed from locator enterprises, service enterprises, offices and street garbage	=	8,063.59 Ton
2.0	No. of operating days (Monday to Saturday)	=	26 Days
7.0	Tipping fee (TF) plus handling fee (HF)	=	1,000 Php per Ton or 1 Php per Kg
	Total land area of MEZ	=	150 Hectares
No. of Customers			
	No. locator enterprises	=	185 Locator Enterprises
	No. of banks	=	6 Banks
	No. of communication companies	=	4 Companies

E. DEFINITION OF TERMS

SNHSW	-	Segregated Non-Hazardous Solid Waste
SW	-	Solid Waste
RW	-	Residual Waste
SL	-	Sanitary Landfill
MRF	-	Material Recovery Facility
ATF	-	Alternative Technology Facility
SWCDP	-	Solid Waste Collection and Disposal Pass
CSWCD	-	Cost of Solid Waste Collection and Disposal
CSWC	-	Cost of Solid Waste Collection
CSWD	-	Cost of Solid Waste Disposal
TF	-	Tipping Fee
AC	-	Administrative Cost
TR	-	Truck Rental
DT	-	Driver, Truck
HT	-	Helper, Truck
AOM	-	Administrative Overhead and Mark-up
E VAT	-	Expanded Value Added Tax

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