TERMS OF REFERENCE

Project Title: **"Collection, Transport, Treatment, Storage, and Disposal of R2TMC Health Care Waste for CY 2027 by a DENR-EMB Accredited Transporter and TSD Facility"**

The following are the minimum requirements but not limited to the prevailing requirements of the approving or permitting governing agencies:

1. The Transporter and Treatment, Storage, and Disposal (TSD) Facility must be licensed Hazardous Waste Transporter and TSD Service Provider respectively. They shall have the capability to transport, treat and properly dispose the healthcare wastes (HCW) of the Region II Trauma and Medical Center such as but are not limited to:
    a. Infectious waste/Pathological waste/Sharp objects (M501)
    b. Pharmaceutical and drug wastes (M503)
    c. Mercury and mercury compounds (D407)
    d. Lead compounds (D406)
    e. Grease wastes (H802)
    f. Vegetables oils including sludge (I102)
    g. Used industrial oil including sludge (I101)
    h. Oil-contaminated materials (I104)
    i. Containers previously containing toxic chemicals substance (J201)
    j. Waste electrical and electronic equipment (M506)
    k. Special wastes (M507)
    l. Chemical waste (B299/C399)
2. The Transporter, and TSD Facility service providers must be accredited or registered with the Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB) hazardous waste transporter and TSD facility respectively. Subcontracting for the transport and treatment of any of the hazardous and toxic healthcare wastes is not allowed.
3. In case the transporter and TSD facility service providers are separate business entities, the main contractor or bidder shall submit an existing contract agreement or a duly executed commitment agreement from the respective service providers confirming that the required services shall be provided for the entire duration of the contract.
4. In case the transporter and TSD facility service providers do not own the final disposal facility (sanitary landfill), there shall be an existing contract agreement with the landfill operator or a duly executed commitment allowing the contractor to use the disposal facility for the entire duration of the contract. The final disposal facility shall likewise possess all necessary permits, licenses, and clearances issued by the pertinent government regulatory bodies.
5. The prospective bidder or service provider shall submit the following documentary requirements together with their bid during the opening of bids:
    a. Copy of Business Permit
    b. Copy of DTI or SEC Registration Certificate
    c. Copy of Permit to Operate
    d. Copy of Environmental Compliance Certificate (ECC)
    e. Copy of DENR-EMB Online Transporter's Registration Certificate (Registration and/or Accreditation) as a Transporter
    f. Copy of DENR-EMB Online Treatment Storage and Disposal Certificate (Registration and/or Accreditation) as a TSD Facility.
    g. Contract Agreement with the Disposal Facility (required if in case the Transporter and TSD Facility Contractor does not own the final disposal facility or sanitary landfill).

h. ISO Certification.
i. Environmental Sanitation Clearance
j. Certificate of Site Inspection signed by the R2TMC Pollution Control Officer and the Head of the Department of Engineering and Facilities Management.

6. The winning bidder or service provider shall:
   a. Submit the following additional documents:
      i. Copy of the Vehicle Land Transportation Office Official Receipt and Certificate of Registration to be used for waste transport.
      ii. Copy of LTO Professional Driver's License indicating that the driver is licensed to drive for waste transport vehicle.
      iii. Copy of personnel training/seminar or any proof of eligibility in handling hazardous waste.
      iv. Copy of procedures in transporting hazardous wastes.
      v. Copy of Department of Health (DOH) Operational Permit
   b. Submit a contingency plan acceptable by the end-user showing details how to ensure continuous services during any of the following events:
      i. Spills and accidents during collection
      ii. Delay in collection of waste
      iii. Equipment / device failure
      iv. Failure of their contractor/s to deliver services (transporter and/or TSD facility and/or sanitary Landfill)
      v. Suspension Order from the Environmental Management Bureau
   c. Provide high-density polyethylene (HDPE) waste bins/containers free of charge, properly marked/ labelled with infectious substance symbol, at the collection points designated at the area of collection, which shall be separate from the municipal waste/ garbage house.
   d. Provide at least one (1) batch of clean, disinfected, and empty waste bins for the temporary storage of waste generated by R2TMC and shall replace an equivalent quantity immediately after each collection and transport.
   e. Ensure that all waste bins are properly cleaned and disinfected before being provided for use and/or returned for reuse in the R2TMC HCW storage.
   f. Provide yellow plastic liners free of charge in a quantity equivalent to the plastic liners/packs collected.
   g. Ensure the collection and transport of HCW at least once a week and/or as the need arises.
   h. Facilitate the processing and completion of all DENR-EMB permits and clearances, and other necessary/required documents.
   i. Comply with other governing and licensing/permitting agencies which are necessary requirements to deliver their full extent of services.
   j. Provide all necessary equipment for loading, weighing, and other related activities. A dedicated and duly calibrated weighing scale shall be stationed at the designated R2TMC waste collection area. A valid calibration certificate or other proof of calibration shall be submitted to R2TMC.
   k. Provide two (2) sessions of training and/or seminars to at least fifty (50) R2TMC personnel involved in handling and managing HCW.
   l. Submit contingency plan acceptable by the R2TMC showing details how to ensure continuous services during any of the following events:
      i. Spills and accidents during collection
      ii. Delay in collection of waste
      iii. Equipment / device failure

iv. Failure of their contractor/s to deliver services (Transporter and/or TSD and/or Sanitary Landfill)
v. Suspension Order from the Environmental Management Bureau

m. Be liable from any claims of third party for liabilities, damage, loss, and expenses arising from the performance of their duties.
n. Submit Certificate of Treatment and Certificate of Disposal to R2TMC and DENR-EMB every after treatment and disposal activities.
o. Submit additional proof of treatment by means of crushing and or other accepted treatment process for vials and other pharmaceutical wastes – video footage, pictures, and/or other medium with geotag location and date.
p. Advice or notify the R2TMC three (3) days before the scheduled day of treatment for vials and pharmaceutical waste in order that the R2TMC Authorized Representative/s shall witness the process of treatment.

~~7.~~ The payment shall be in pesos per kilogram (contract unit price). It shall be based on the actual kilograms of wastes collected.
8. All collection and transport conducted by the winning service provider shall be directly supervised by the R2TMC designated pollution control officer and/or the designated representative.
9. The service provider shall allow the visit of duly authorized R2TMC representative/s to conduct announced and unannounced inspection.
10. That the contract shall end when the thermal decomposition equipment of R2TMC is installed and becomes operational this CY 2027.