



BID BULLETIN NO. 01

ITB No.: **bac-23-0418b**

Project Name: **Supply and Delivery of Thermoplastic and LPG Refill for the Use of Thermoplastic Section - Engineering Department**

ABC: Php1,363,150.00

To all prospective bidders:

This Bid Bulletin is issued to clarify, supplement, modify and/or revise the particular sections in the Bid and Contract Documents as stipulated in the Bidding Documents issued on 18 April 2023. The Bidders shall take note of the following items carefully and consider them in the preparation of their bid proposals, as they shall form part of the CONTRACT DOCUMENTS.

Item	ADDENDUM
1	Please see attached "Annex A" for the Terms of Reference

Bidders who have already submitted bids are hereby informed that they are allowed to modify or withdraw their bids, if necessary, before the scheduled opening of bid envelopes.

For modifications in your original submitted bid, kindly submit new bidding documents (sealed and marked as "Modified Bid") and have these received at the Office of the Bids and Awards Secretariat. Bid modifications received

after the deadline shall not be considered and shall be returned to the bidder unopened.

Conforme: *J.M. Alvest*
P^o ENGR. VIRGILIO R. TUAZON
Chief, Road Maint. & Carpentry Section

END-USER REPRESENTATIVE
Signature Over Printed Name



ATTY. JOSEPHINE C. LATI-BAGAOISAN
Chairperson

04/8/1

TERM OF REFERENCE

"ANNEX A"

J.M. Noyes 5-3-23, 9:00

1. Thermoplastic Road Markings Specifications

- A. Certification of Meltable Bag
 Bag must be meltable/less garbage disposal

2. Materials Safety Data Sheet

A. Chemical Product Company Identification

Product Name: Thermoplastic Road Marking Material

B. Composition / Information on Ingredients

Ingredient	Percent	CAS No.
Pigment	1-10	13463-67-7
Resin	10-20	71302-91-5
Filler	45-65	1317-65-3
DOP	0-5	117-81-7
Glass Beads	15-18	65997-17-3

C. Hazard Identification

Emergency Overview

May cause irritation to skin, eyes, and respiratory tract.

Potential Health Effects

Inhalation:

Excessive concentrations of a nuisance dust may cause nuisance condition such as coughing, sneezing, and nasal irritation.

Ingestion:

Non-toxic

Skin Contact:

Not expected to be a health hazard from skin exposure

Eye Contact:

No information found, but presumed to cause mechanical irritation

Chronic Exposure:

Excessive oral doses of calcium carbonate may produce alkalosis and hypercalcemia
 Aggravation of Pre-existing Conditions:

No information found

D. First Aid Measures

Inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion:

If large amounts were swallowed, give water to drink and get medical advice.

Skin Contact:

Wash exposed area with soap and water. Get medical advice if irritation develops.

Eye Contact:

Wash thoroughly with running water. Get medical advice if irritation develops.

E. Fire Fighting Measures

Fire:

Not considered to be a fire hazard

Explosion:

Not considered to be an explosion hazard

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

3. Technical Data Sheet

A. Product Introductions

Thermoplastic Road Marking is quick and easy for application with specialized equipment. Clear and distinct marking with night reflectivity. Can be used more than one year under normal traffic conditions. Dry quickly after application and has anti-dirt properties for better traffic safety.

B. Specification

Softening Point (°C): 110°C± 10°C
CIE "Y" Luminance Factor (45°/0°)>About 78
Yellowness (White Only): <About 0.05
Abrasion Resistance (100 round)(mg): <Less than 100mg
Color: White/Yellow/Green/Red/Blue
Glass Beads Content: 16%
Percentage of Defective Glass Beads: <20%
Applicable Temperature: 160°C ~200°C
Drying Time: Less than 1.5 mins.
Heat Durability: About 1 hour (200°C)
Settlement Ratio(200°C, 1hr): 0%

C. Physical and Chemical Properties

Appearance: Powder, 25kgs/bag(Meltable)
Odor: Odorless
Density: 1.8-2.5

D. Stability and Reactivity

Stable under ordinary conditions of use and storage.
Hazardous Polymerization will not occur.
Incompatibilities are Acids, fluorine, magnesium with hydrogen
Conditions to avoid are Heat and incompatibles

E. Suggested Tools

Kneader machine
Applicator, machine with screed shoes
Crayon, chalk stick, or chalk snap line
Adequate supply of LPG Gas
Safety devices

4. Product Origin

A. Where the product was made/manufactured

5. JIS and ISO

- A. JIS (Japanese Industrial Standards) CERTIFICATE
- B. ISO (International Organization for Standardization)



ENGR. VIRGILIO R. TUAZON
Chief, Road Maintenance Section