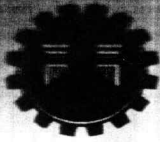


Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
ZAMBOANGA DEL NORTE 2ND DISTRICT ENGINEERING OFFICE
Sta. Isabel, Dipolog City, Region IX



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APPROVED BUDGET FOR THE CONTRACT (ABC)

Summary of Costs


Fill out all the spaces provided. Write (N/A) if not applicable.

No.	Item	Cost
1	Actual Market Price of Product	PHP 772,497.00
2	Incidental Expenses	
	• Taxes/Customs/Duties	N/A
	• Licenses/Registration	N/A
	• Insurance	N/A
	• Storage/Freight/Hauling	N/A
	• Installation/Removal	N/A
	• Trainig Costs	N/A
	• Cost of Inspection	N/A
	• Others: (Specify)	
3	Cost of Money/Adjustment for Inflation	N/A
4	Discounts (<i>for Bulk Buying</i>)	N/A
5	Spare Parts/Maintenance Costs/Warranty	N/A
6	Adjustment for currency valuation	N/A
	(<i>if procured from a foreign country/abroad</i>)	
7	Life cycle cost	N/A
	Grand Total	PHP 772,497.00

Prepared by:


ILDE DEXIE T. ALFARO
 Engineer III
 Chief, Maintenance Section

Approved by:


NORMAN C. CARPIO
 Officer In-Charge
 Office of the District Engineer



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Technical Specifications for **Thermoplastic Paint (White and Yellow)**

TECHNICAL SPECIFICATIONS	MINIMUM REQUIRED	
	WHITE	YELLOW
	COMPOSITION OF CONSTITUENTS	
Binder	18 Min.	18 Min.
Glass Beads	30-40	30-40
Titanium Dioxide	10 Min.	-
Calcium Carbonate and Inert Filler	42 Max.	*Note
Yellow Pigment	As Required	

Note: Amount of yellow pigment calcium carbonate and inert filler shall be the option of the manufacture, providing all other requirements of this specification are met.

TECHNICAL SPECIFICATIONS	MINIMUM REQUIRED	
	WHITE	YELLOW
	PHYSICAL CHARACTERISTICS	
Specific Gravity, max.	2.15	2.15
Drying Time, minutes max.	10	10
Bond Strength to Portland Cement Concrete after heating for four (4) hours ± 5 min. @ 218°C, MPa, max.	1.24	1.24
Cracking Resistance @ low temp. after heating for four (4) hours ± 5 min. @ 218°C $\pm 2^\circ\text{C}$	No Cracks	No Cracks
Impact Resistance after heating for four (4) hours ± 5 min. @ 218°C $\pm 2^\circ\text{C}$ and forming test specimens, mm/kg, min.	115	115
Softening Point after heating for four (4) hours ± 5 min. @ 218°C $\pm 2^\circ\text{C}$	102.5 \pm 9.5°C	102.5 \pm 9.5°C
Daylight reflectant @ 45 Degrees – 0 Degrees, % min.	75	45


ROLLY JAY B. BACARA
Engineer II
Maintenance Section