

Cost Derivation

PROJECT NAME: LINE 2: SPECIAL WASTE COLLECTION, TRANSPORTATION, TREATMENT AND DISPOSAL PROJECT FOR YEAR 2023 (EARLY PROCUREMENT ACTIVITY)
PROJECT NO. CONSO-23-SERVICES-0088

FUEL PRICE (DIESEL)

OIL & LUBRICANTS

LIST OF LUBRICANTS TO BE USED	Market Cost <i>(a)</i>	Estimated vol. used per mo. <i>(b)</i>	Unit of measurement	Est. Cost per day (ave. of 30 days per month) <i>(c)</i>
Engine Oil (Special)		16	Liter/s	
Brake Fluid		3	Liter/s	
Gear Oil		2	Liter/s	
ATF (Special)		2	Liter/s	
Grease (Special)		2	Kilogram/s	

TOTAL LUBRICANTS' COST (per Day)

*formula: a * b / working days in a month = c*

GARBAGE TRUCK DRIVERS & CREW

WAGE ORDER NO. 23 FOR NCR (Php570.00 per day; Effective: 13 May 2022) Source: DOLE-NWPC	Daily rate
TOTAL COST OF WAGE	570.00

UNIFORM OF DRIVER (Upper Garment)	Est. market cost <i>(a)</i>	Required no. of sets for the project duration <i>(b)</i>	Estimated cost per day (30 days in a mo.) <i>(c)</i>
Polo Shirt		6	

*formula: a * b / working days in a month = c*

TOTAL COST OF WAGE + TOTAL COST OF UNIFORM PER DRIVER

UNIFORM OF CREW	Market cost <i>(a)</i>	Required no. of sets for the project duration <i>(b)</i>	Estimated cost per day (30 days in a mo.) <i>(c)</i>
Reusable Protective wear (set)		120	
TOTAL			

formula: (a x b) / 30 working days in a month = d

TOTAL COST OF WAGE & UNIFORM TOTAL PER CREW

I hereby certify to comply and deliver all the above requirements.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

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SCHEDULE OF COLLECTION: UPON REQUEST

Estimated Distance from nearest to farthest Barangay (km)	Required Transport Equipment	Estimated Cost of Transport Equipment (DT)	Estimated Lifespan of Transport Equipment (in days)	Estimated Rental Cost per Truck <i>(b / c)</i>	Current Diesel Price <i>e</i>	Estimated Consumption Rate per Ltr (ratio: km-ltr) <i>f</i>	Total Distance Cost <i>(a * e / f)</i>	Lubricant Consumables <i>h</i>	Other Maintenance Costs <i>(g + h * 1%)</i>	Treatment and Disposal Fee <i>j</i>	Total Transport Equipment Cost <i>(d+g+h+i+j)</i>	No. of Crew per Unit <i>l</i>	Salary & Uniform Cost per Driver <i>m</i>	Salary & Uniform Cost per Crew <i>n</i>	Total Salary & Uniform Cost <i>(l*n) + m</i>	Total Operation Cost per unit <i>(k + o)</i>
<i>a</i>		<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>	<i>l</i>	<i>m</i>	<i>n</i>	<i>o</i>	<i>p</i>
40	6W											3				

DETAILED ESTIMATE

Estimated No. of Trips for the project duration	Total Operation Cost per unit per Day	5%	2%	Total Operation Cost per unit per Day inc. taxes	TOTAL PROJECT COST
		Value Added Tax	Income Tax		
7,160					

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