



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**ZAMBOANGA DEL NORTE**  
**2<sup>ND</sup> DISTRICT ENGINEERING OFFICE**  
REGIONAL OFFICE IX  
Sta. Isabel, Dipolog City

**GEOTECHNICAL EXPLORATION FOR THE PROPOSED FY 2025 BRIDGE PROJECTS**  
**APPROVED BUDGET FOR THE CONTRACT (ABC) OUTLINE**

**Summary of Cost**

No.	Item	Cost
I	Remuneration Costs	448,200.00
II	Reimbursable Costs	171,383.37
III	Miscellaneous Expenses	1,211,417.10
IV	Sub-total (I+II+III)	1,831,000.47
V	VAT (12% of Remuneration)	53,784.00
VI	Contingency (5% of IV)	91,550.02
VII	Grand Total (IV+V+VI)	<b>1,976,334.49</b>

Prepared by:

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Engineer III  
Chief, Planning and Design Section

Recommending Approval:

**NORMAN C. CARPIO**  
Assistant District Engineer

Approved by:

**AMINODIN P. MANIRI**  
District Engineer



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**Breakdown of Cost Estimates**

**I. Breakdown of Remuneration Costs**

Positions	No. of Personnel	Man-Months	Billing Rate	Amount
<b>A. DRILLING AND BORING WORKS</b>				
<b>Key Staff</b>				
1. Team Leader (Sr. Geotechnical Engineer - CE)	1	0.23	225,000.00	52,500.00
2. Sr. Soils/Materials Engineer	1	0.23	175,000.00	40,833.33
<b>Technical Support Staff</b>				
1. Materials Laboratory Technician	1	0.23	125,000.00	29,166.67
2. Mechanic	1	0.23	125,000.00	29,166.67
3. Core Driller	2	0.47	125,000.00	58,333.33
<b>Administrative and Support Staff</b>				
1. Driver	1	0.23	28,000.00	6,533.33
<b>Sub-total</b>				<b>216,533.33</b>
<b>B. TESTING OF SAMPLES AND PREPARATION OF REPORT</b>				
<b>Key Staff</b>				
1. Team Leader (Sr. Geotechnical Engineer - CE)	1	0.40	225,000.00	90,000.00
2. Sr. Soils/Materials Engineer	1	0.40	175,000.00	70,000.00
<b>Technical Support Staff</b>				
1. Materials Laboratory Technician	1	0.40	125,000.00	50,000.00
2. Data Encoder	1	0.33	65,000.00	21,666.67
<b>Sub-total</b>				<b>231,666.67</b>
<b>Total I</b>				<b>448,200.00</b>

**II. Breakdown of Reimbursable Costs**

<b>A Based on Agreed Fixed Rates</b>					
No.	Description	Unit	Quantity	Unit Price	Amount
1.	Housing Allowance	-	-	-	-
2.	Per Diems	-	-	-	-
<b>Total II.A</b>					<b>-</b>

<b>B Based on Actual Cost</b>					
No.	Description	Unit	Quantity	Unit Price	Amount
1.	Domestic Travel	-	-	-	-
2.	Domestic Transportation	-	-	-	-
	Automatic Transmission 4x4 pickup car	vehicle-month	0.23	43,559.00	10,163.77
3.	Communication	-	-	-	-
4.	Office Supplies (Reproduction of Plans and Reports)	-	-	-	-
	a. Reports (A4-size, bondpaper)	pages	800.00	3.00	2,400.00
	b. Original Plans (A2-size mylar)	sheets	12.00	160.00	1,920.00
	c. Electronic Copy	piece	4.00	1,210.00	4,840.00



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**Breakdown of Cost Estimates**

5.	Office Rental	-	-	-	-
6.	Equipment Rental/Purchase				
	Drilling Machine with Complete Accessories	month	0.23	273,420.00	63,798.00
	Cargo/Service Truck (2-5mt)	month	0.23	101,816.00	23,757.07
	Water Pump	month	0.23	25,560.00	5,964.00
	Boom Truck (2-5mt)	month	0.23	250,888.00	58,540.53
7.	Other items deemed necessary for the project	-	-	-	-
<b>Total II.B</b>					<b>171,383.37</b>

**III. Miscellaneous Expenses**

No.	Description	Unit	Quantity	Unit Price	Amount
1.	Activity Surveys/ Investigations/ Etc.				
	Subsurface Geotechnical Investigation - Bridges (9 boreholes at 30 meters depth)	linear meter depth	270	4,486.73	1,211,417.10
2.	Meetings	-	-	-	-
<b>Total III</b>					<b>1,211,417.10</b>

Prepared by:

  
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**GEOTECHNICAL EXPLORATION FOR THE PROPOSED FY 2025 BRIDGE PROJECTS**

**A. Proposed FY 2025 Bridge Projects**

Project Location	No. of Borehole			Depth of Borehole (m)	Total Quantity (ln.m.)
	Abutment	Pier	Total		
Manukan Bridge (B00439MN)	2	0	2	30	60
Pasanan Bridge (B00450MN)	2	0	2	30	60
Piangon Bridge (B00442MN)	2	0	2	30	60
Piao Bridge (B00429MN)	2	1	3	30	90
Total					270