



Republic of the Philippines  
**Department of Education**

**PROGRAM OF WORKS**  
**BILL OF QUANTITIES**

<b>Project Title :</b>  CONSTRUCTION OF ONE STOREY WITH MEZZANINE LEARNER'S RESOURCE CENTER / MATATAG CENTER AT THE DEPED CENTRAL OFFICE GROUNDS	<b>Date:</b> August 29, 2023 <b>Budget Allocation:</b> PHP 100,000,000.00 <b>Engineering and Administrative Overhead:</b> PHP 0.00 <b>Approved Budget for the Contract:</b> PHP 100,000,000.00 <b>Completion Period:</b>												
<b>Location :</b> DepED Complex, Meralco Avenue, Pasig City	<b>Minimum Required Manpower:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>Project Engineer</td> <td>Electrician</td> <td>Painter</td> </tr> <tr> <td>General Foreman</td> <td>Carpenter</td> <td>Laborer</td> </tr> <tr> <td>Mason</td> <td>Plumber</td> <td>Welder</td> </tr> <tr> <td>Helper</td> <td></td> <td></td> </tr> </table>	Project Engineer	Electrician	Painter	General Foreman	Carpenter	Laborer	Mason	Plumber	Welder	Helper		
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Helper													
	<b>Minimum Required Equipment:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>Hand Tools</td> <td>Welding Machine</td> </tr> <tr> <td>One-Bagger Mixer</td> <td>Bar Cutter</td> </tr> <tr> <td>Fusion Machine</td> <td>Driller</td> </tr> <tr> <td>Grinder</td> <td>Chipping Gun</td> </tr> <tr> <td>Circular Saw</td> <td>Tile Cutter</td> </tr> </table>	Hand Tools	Welding Machine	One-Bagger Mixer	Bar Cutter	Fusion Machine	Driller	Grinder	Chipping Gun	Circular Saw	Tile Cutter		
Hand Tools	Welding Machine												
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ITEM NO.	Item Description	Unit	Quantity	Total Cost	Remarks
	<b>I. DIRECT COST</b>				
	GENERAL REQUIREMENTS	lot	1.00		
	<b>Sub-total</b>				
1.0000	Earthworks	lot	1.00		
2.0000	Concreting Works (3000 psi)	cu.m	139.33		
3.0000	Rebar Works	kg	31,902.19		
4.0000	Formworks	lot	1.00		
5.0000	Masonry Works	sq m	346.50		
6.0000	Doors and Windows	lot	1.00		
7.0000	Steel Works	lot	1.00		
8.0000	Roofing Works	lot	1.00		
9.0000	Ceiling and Carpentry Works	sq m	239.67		
10.0000	Electrical Works	lot	1.00		
11.0000	Plumbing Works	lot	1.00		
12.0000	Sanitary Works	lot	1.00		
13.0000	Painting Works	sq m	1,309.97		
14.0000	Waterproofing	lot	1.00		
15.0000	Tile Works	sq m	68.77		
16.0000	Finishes (Floor and Wall)	sq m	516.86		
17.0000	Building Logo	lot	1.00		
	<b>Sub-total</b>				
	<b>II. INDIRECT COST 17% of (I)</b>				
	Overhead Expenses (5%)				
	Contingencies (3%)				
	Miscellaneous (1%)				
	Contractor's Profit (8%)				
	<b>Sub-Total</b>				
	<b>III. TAX 5% of (I+II)</b>				
	<b>Sub-Total</b>				
	<b>IV. TOTAL CONSTRUCTION COST (I + II + III)</b>				

B. AUXILIARY WORKS					
ITEM NO.	Item Description	Unit	Quantity	Estimated Cost	Total Cost
1.0000	Structured Cabling	lot	1.00		
2.0000	Videoconferencing Device - 2 years Warranty w/ Videoconferencing Account for 1 Year	lot	1.00		
3.0000	IP PABX Set	lot	1.00		
4.0000	Datacabinet	units	3.00		
5.0000	Enclosed Aisle	lot	1.00		
6.0000	Precision Air Conditioning Unit	lot	1.00		
7.0000	UPS System N+1	lot	1.00		
8.0000	Fire Detection and Alarm system	lot	1.00		
9.0000	CCTV System	lot	1.00		
10.0000	Generator Works with Automatic Transfer Switch (ATS)	lot	1.00		
11.0000	Power Distribution	lot	1.00		
12.0000	3TR Floor Mounted Inverter Airconditioning unit	set	4.00		
13.0000	2.5 HP Split Type Airconditioning Unit, Inverter Type	set	1.00		
	<b>TOTAL Auxiliary Works COST</b>				
	<b>Total Investment (Infrastructure)</b>				