



**OFICIAL BREAKDOWN CHART**

**PROJECT:** ARAVI Mezzanine Enlargement

**Place:** GUAYMARAL, CUNDINAMARCA

**Date:** June, 2012

MEZZANINE ENLARGEMENT GUAYMARAL, CUNDINAMARCA					
Ítem	Description	Unit	Quantity	Unit Cost	Total Cost
<b>1</b>	<b>PRELIMINARIES</b>				
1.1	Location and Layout	Gbl	1		
1.2	Temporary Facilities (Including enclosure)	Gbl	1		
1.3	Demolitions and removal of materials	Gbl	1		
1.4	Manual excavation	Gbl	1		
1.5	Shoring	Gbl	1		
1.6	Backfilling	Gbl	1		
<b>2</b>	<b>FOUNDATION AND CONCRETE STRUCTURES</b>				
2.1	Backfilling w/ improved material for foundation	Gbl	1		
2.2	Concrete Footing and pedestals	Gbl	1		
2.3	Reinforcement for footings and pedestals	Gbl	1		
2.4	Concrete Foundation beam	Gbl	1		
2.5	Reinforcement for foundation beam	Gbl	1		
2.6	Concrete slab T = 10 cm.	Gbl	1		
<b>3</b>	<b>METALLIC STRUCTURE</b>				
3.1	Metallic structure including elements, welding and painting	Gbl	1		
3.2	Concrete filling for metallic columns	Gbl	1		
3.3	Steel deck slab including concrete T= 10 cm.	Gbl	1		
3.4	Metallic stairs	Gbl	1		
<b>4</b>	<b>WALL AND FLOOR FINISHING</b>				
4.1	Walls in Superboard T= 12 cm.	Gbl	1		
4.2	Painting Internal walls- Vinilo	Gbl	1		
4.3	Painting External Walls- Koraza	Gbl	1		
4.4	Flooring - Vinisol comercial 2 mm	Gbl	1		
4.5	Toweled and hardened Floor	Gbl	1		
<b>5</b>	<b>METALLIC CARPENTRY</b>				
5.1	Metallic Window	Gbl	1		
5.2	Metallic doors	Gbl	1		
<b>6</b>	<b>ELECTRICAL INSTALLATION</b>				
<b>6.1</b>	<b>MAIN CIRCUIT BRANCH</b>				
6.1.1	Main circuit branch, running from General Panel Distributio to new Distribution Panel, THHN/THWN AWG 4XNo. 6 +T No. 8, RETIE certified. Installation included	Gbl	1		
6.1.2	Three-poles industrial breaker 3X30A, thermo-magnetic trigger, 100/50KA, 230VAC, installation in substation included	Gbl	1		
<b>6.2</b>	<b>LOW VOLTAGE WORK</b>				
6.2.1	Piping EMT 1X1" for main circuit branch (General Panel Board to new distribution Panelboard)	Gbl	1		
6.2.2	Distribution panel board, 18 circuits, 3X30A industrial totalizer (35/50KA, 230VAC), 400A barrage, RETIE certified, breakers included installation included	Gbl	1		
6.2.3	DPS Class B, 230VAC, 180KA, RETIE certified, installation included	Gbl	1		
6.2.4	Duplex receptacle 120/15A, hospital grade, insolated ground	Gbl	1		
6.2.5	Secondary wiring (circuits)	Gbl	1		
6.2.6	Raceway channel, 12cmX5cm	Gbl	1		
6.2.7	Lamp 4X17W T5, includes accessories, piping, cabling, installation and feateures depicted in SOW	Gbl	1		
6.2.8	Lamp 2X32W T5, includes accessories, piping, cabling, installation and feateures depicted in SOW	Gbl	1		
6.2.9	Junction box, metallic, 10cmX10cm	Gbl	1		
6.2.10	UPS 3KVA, monofásica	Gbl	1		
<b>6.3</b>	<b>DATA WIRING</b>				
6.3.1	Data drop ANSI/TIA CAT 6A	Gbl	1		
6.3.2	Patch panel	Gbl	1		
6.3.3	Communication rack	Gbl	1		
6.3.4	Raceway channel, 12cmX5cm and metallic ladder duct type	Gbl	1		
6.3.5	Communication switch 24 ports UTP, 10/100/1000 Mbps, 2/3 layer, fiber optic card and patchcord	Gbl	1		

6.3.6	Fiber Optic system according to SOW. Shelves and certification is included in this item	Gbl	1		
<b>DIRECT COST</b> (Civil and electrical works)					
	Administration, Unforeseens (A, I)	%			
	Profit (U)	%			
<b>SUBTOTAL</b>					
	VAT (over the profit or total value, based on the regime)	%			
<b>TOTAL</b> (COLOMBIAN PESOS)					
<b>PERFORMANCE TIME</b> (in calendar days)					

UNITED STATES DEPARTMENT OF STATE  
 BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS

1	2	3	4	5	6
DIVISION/DESCRIPTION	LABOR	MATERIALS	OVERHEAD	PROFIT	TOTAL
1. General Requirements/Mobilization					
2. Site Work					
3. Concrete					
4. Masonry					
5. Metals					
6. Wood and Plastic					
7. Thermal and Moisture					
8. Doors and Windows					
9. Finishes					
10. Specialties					
11. Equipment					
12. Furnishings					
13. Special Construction					
14. Conveying Systems					
15. Mechanical					
16. Electrical					
TOTAL					

**Colombian Pesos**

Allowance Items:

PROPOSAL PRICE TOTAL:

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Alternates (list separately do not total)

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Offeror:

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Date

DETAILED BIDDING CHART - Guide-

Item	Description	Unit	Quantity	Unit Price	Total Price
	These are examples of how to present this chart. Note this is a guide and just some few examples were included and are not referenced to this specific project.				
	<b>Civil works</b>				
	Excavations for piping	m3	35		
	Excavations for foundations	m3	150		
	Back fill for slab	m3	100		
	Plaster for walls	M <sup>2</sup>	50		
	<b>Electrical and Cabling works</b>				
	110 Outlets	Un	20		
	Voice and data outlets	Un	14		
	Electrical channeling	MI	80		
	<b>Furniture</b>				
	Interlocutor Chairs	Un	18		
	Work stations 1.50	Un	18		
	Floor to ceiling panels	MI	60		
	<b>DIRECT COST</b>				
	Discount ( If applies)	%			
	Admin costs	%			
	Unforeseen				
	Profit	%			
	<b>SUBTOTAL</b>				
	<b>Taxes IVA</b>				
	<b>TOTAL</b>				