



**Biddig Chart - Cahin Link Fence - Cucuta/Tibu**

**Project:** Chain Link Fence BRCNA  
**Location:** Brigade #30 - Cucuta and Engineers Battalion No. 30 - Tibu  
**Type:** Construction  
**Date:**

ítem	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE USDS
<b>Brigade #30, Grupo de Caballería mecanizada No. 5 - CUCUTA</b>					
<b>1</b>	<b>CLEARING AND CLEANING</b>				
1.1	Location and Layout	GL	1.00		
1.2	Temporary Facilities (Including enclosure)	GL	1.00		
1.3	Clearing and grubbing 2 mts wide area along	GL	1.00		
<b>2</b>	<b>EXCAVATION</b>				
2.1	Excavation	GL	1.00		
<b>3</b>	<b>CYCLOPEAN CONCRETE</b>				
3.1	Cyclopean concrete 0,3 x 0,4 m	GL	1.00		
3.2	Concrete tie beam 3000 psi 0,20 x 0,30, includes concrete forms	GL	1.00		
3.3	Concrete pedestals 0,30 x 0,30 x 0,40	GL	1.00		
<b>4</b>	<b>REINFORCEMENT - TIE BEAMS</b>				
4.1	Reinforcement tie beams	GL	1.00		
4.2	Anchoring fence mortar	GL	1.00		
<b>5</b>	<b>No 8 GAUGE STEEL TENSION WIRE (KG)</b>				
5.1	Supply and installation of # 8 gauge galvanized tension wire	GL	1.00		
<b>6</b>	<b>WIRE MESH H= 2M</b>				
6.1	Supply and installation of 10 gauge PVC coated wired mesh, galvanized wire mesh height 2,00 mts, hole of 2"x2"	GL	1.00		
6.2	Supply and install a 2 pedestrian Gates and 1 vehicular gate double sheet. Pedestrian gate= 1 m. x 2 m. Vehicle gate= 2.5 m. x 2 m. each Sheet.	GL	1.00		
<b>7</b>	<b>POSTS, RAILS SUPPORT FLANGES AND TIE DOWN BRACKETS</b>				
7.1	Supply and installation of galvanized steel posts with a diameter of 2" and 3.0m long spaced 2.5m between axis, gauge cal 16. Also includes sch 40 gauge posts with a diameter of 2" and 3.0m long, each 30 m. where the mesh will be templed. Include all accesories for correct instalation.	GL	1.00		
7.2	Supply and installation of reinforcement diagonals in galvanized pipe, with a diameter of 2" and 3.20m long each 6 modules SCH 40. Include all accesories for correct instalation	GL	1.00		
<b>8</b>	<b>FOUNDATION FOR THE LATERAL SUPPORT BRACKETS IN CONCRETE</b>				
8.1	Manual Excavation	GL	1.00		
8.2	Supply and installation of anti-seismic tie down brackets in galvanized piping with a diameter of 2" and from 2.6 to 3.20m long, SCH 40. Include all accesories for correct instalation	GL	1.00		
8.3	Hardware elbows, caps, anchors, includes All welded joints are to be protected by applying zinc-rich paint, Supply and installation of a flange plate to fix the mesh to the frames (1/8"x 3/4") and 1.95 height.	GL	1.00		



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ítem	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE USDS
<b>9</b>	<b>SUPPLY AND INSTALLATION OF FOUR STRANDS OF BARB WIRE</b>				
9.1	Supply and installation of four strands of barb wire	GL	1.00		
<b>10</b>	<b>SUPPLY AND INSTALLATION OF APPROPRIATE GROUNDING</b>				
10.1	Ground conductor shall consist of No. 8 AWG solid copper wire, includes exothermic welded, grounding electrodes shall be 19 mm by 3.0 m (or 16 mm by 2.44 m) long copper-clad steel rod Bronze grounding clamps	GL	1.00		
	<b>DIRECT COST-CUCUTA</b>				
<b>Fuerza de Tarea VULCANO, Engineers Battalion No. 30 – Tibú</b>					
<b>1</b>	<b>CLEARING AND CLEANING</b>				
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1.2	Temporary Facilities (Including enclosure)	GL	1.00		
1.3	Clearing and grubbing 2 mts wide area along	GL	1.00		
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<b>11</b>	<b>GABIONS</b>				
11.1	Excavation	GL	1.00		
11.2	Supply and installation of Filling material	GL	1.00		
11.3	Supply and installation of Lean concrete.	GL	1.00		
11.4	Supply and installation of Gabions include mesh and rocks.	GL	1.00		
	<b>DIRECT COST-TIBU</b>				
	<b>TOTAL DIRECT COST CUCUTA + TIBU</b>				
	A.U. (Administrative, Unforseen)	%			
	P. (Profit)	%			
	DBA Cost reimbursement	Unit	1.00		
	<b>TOTAL:</b>				\$ -

<b>PERFORMANCE TIME (in calendars days)</b>	
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