

MARKET PLAZA CONSTRUCTION PROJECT IN THE MUNICIPALITY OF GÜEPSA SANTANDER

1. SPECIFIC LOCATION

The project is located in the municipal seat of Guepsa in the department of Santander, it exactly intervenes on calle 5 with carrera 6 corner

2. ENTITY PROMOTING THE PROJECT

Name of the Entity: MAYOR'S OFFICE OF GUEPSA SANTANDER.

3. DESCRIPTION OF THE PROBLEM OR NEED

Traditionally for the municipality the main market day takes place on Sundays, there has been a total of 110 vendors of the following products:

1. Fruits and Vegetables	30 stalls
2. Farmers Market	14 stalls
3. Sale of prepared food	17 stalls
4. Sale of hot and cold drinks	18 stalls
5. Sale of meat	06 stalls
6. Sale of clothing and footwear	13 stalls
7. Sale of Lingerie for the home	02 Posts
8. Sale of chinaware	06 stalls
9. Sale of products for grinding	02 Stalls
10. Sale of Tools	02 Posts

It is important to highlight that the sellers of previously similar products come from different municipalities, both from the province of Vélez, Department of Santander, and Bajo Ricaurte, from the Department of Boyacá, as follows: Barbosa (40), Güepsa (42), Moniquirá (14), Velez (3), Santana (2), Suaita (2), Tunja (4), Cite (2), San José de Pare (1). With the participation of vendors from the

aforementioned municipalities, contributes to improving the quality of life for families engaged in the development of these activities, thus reducing the gap of extreme poverty in the region.

Additionally, during the development of this activity in the Plaza de Mercado, 5,300 inhabitants of the municipality of Güepa benefit from both the Urban and Rural areas, likewise, an important population from neighboring municipalities such as: San Benito, Chipatá, Aguada, Barbosa and Cite from the Department of Santander, San José de Pare and Santana from the Department of Boyacá.

Taking into account that currently the Municipality of Güepa does not have an adequate infrastructure for the commercialization of agricultural products, the Market Square only works on Sundays, but with the construction of the new infrastructure, the development of the mentioned activity from Monday to Sunday at the following times:

Main day of Plaza de Mercado (Sunday) it will open from 02:00 a.m. to 4:00 p.m. and from Monday to Saturday it will open from 06:00 a.m. to 3:00 p.m.

Regarding the income projected for the rental of the jobs of the Plaza de Mercado, it is contemplated within the municipal tax statute, to charge for Sundays for each job, a value of fifteen thousand pesos current currency, (\$12,000) and from Monday to Saturday the rate will be \$3,000 pesos per day, that is, \$18,000 pesos per week. With this income projection, it is planned to hire a person to permanently administer this scenario, pay for public services and preventative maintenance of the place.

The office secretary in charge of supervising the operation and administration of the Plaza de Mercado will be in charge of the Secretary of Finance and Treasury, who through the Municipal Tax Statute will regulate the collection for the rental of the respective jobs, likewise It will establish the regulations for its operation.

Regarding the provision of supply service by vendors, it is expected that 38.1% of all vendors carry out commercial work permanently, that is, from Monday to Saturday, providing the opportunity to obtain essential products. totally fresh and reliable for the different communities that use this activity.

The main commercial activity of the Municipality of Güepsa is the production of panela based on sweet cane, for which there are 42 mills, each of which employs around 40 workers, this forces the trade to remain active 7 days a week. permanently.

The market place is located at Calle 5 A with Cra 6 Esquina, in the urban area of the municipality of Güepsa with an area of 4,172 square meters, which is fully available for its construction.

Knowing that the municipality of Güepsa is part of the national road corridor located 201 kilometers from the city of Bucaramanga, 224 kilometers from the Capital City of Bogotá and 80 kilometers from the City of Tunja due to its geographical location, it is classified as an objective municipality to enjoy of natural scenarios that promote local tourism such as the Alto del Valle de Ropero, which offers a view of the natural landscapes and the route of the Quebrada Ropero that offers different nautical activities, the Suárez river that bathes the limit of the municipality between the department of Santander and Boyacá that offers scenarios for canoeing, spas and ecotourism walks, additionally they offer ecological horseback riding that allows you to know with tours to the surrounding municipalities, excellent Güepsana gastronomy, cycling routes, tourist goat tour, the already recognized municipal Christmas lighting , departmentally and nationally, with artistic, cultural and gastronomic samples that allow the effective enjoyment of the visit to the Municipality, for this reason it is important to establish an adequate space for the exhibition of municipal gastronomy and the sale of quality agricultural products for the elaboration of said foods and guarantee an excellent provision of the service to the floating and native population.

4. OBJECTIVES OF THE PROJECT

With the completion of this work in the urban area of the Municipality of GUEPSA, the aim is to improve the living conditions of the rural and urban community of the municipality, providing better living and health conditions to the community. Guaranteeing a better commercialization of agricultural


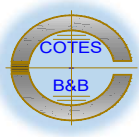
products, generating a plus of profit for farmers, as well as economy for the general public, since intermediation is significantly reduced.

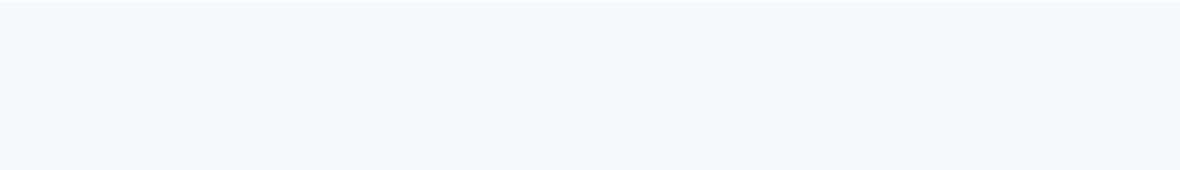
5. SCOPE OF THE PROJECT:

The total area to be built is 4100m2 with an availability of 110 posts, administrative area, restrooms, parking lots, laundry rooms, unloading area, food court.

Vegetable, fruit and grocery stores will have maximum dimensions of 2.54m x 3.21m, with an area of 8.15m2, meat, chicken and/or fish stores will have dimensions of 3m x 3m with an area of 9m2, which They will have access to a plumbing system. Likewise, it must have a refrigerator to refrigerate the products. Commercial premises will have maximum dimensions of 3 meters x 3 meters, with an area of 9 square meters, which will also have access to a plumbing installation.

6. PHYSICAL GOALS

GÜEPSA MAYOR'S OFFICE - SANTANDER	
CONSTRUCTION OF THE MARKET SQUARE IN THE MUNICIPALITY OF GÜEPSA - SANTANDER	 
OFFICIAL BUDGET	Experience and commitment, united by progress



Ítem	Description
1	PRELIMINARY WORKS
1,1	Manual cleaning and stripping, includes removal of material from cleaning and stripping
1,2	Demolition of metal roofs. Includes removal of demolition debris

1,3	Demolition of bathrooms and existing premises. Includes removal of demolition debris
1,4	Demolition of retaining walls. Includes removal of demolition debris
1,5	Demolition of pre-floor plates, pavements, curbs, platforms and stairs. Includes removal of demolition debris
1,6	Felling, cutting and removal of trees with a diameter greater than 30 cm. Includes withdrawal of surplus
2	EARTH MOVEMENTS
2,1	Earthworks for leveling the land, on land or common material and/or conglomerate with a
2.2	Excavation of earth or common material and/or conglomerate by hand, includes internal
2.3	Rock excavation, includes internal transport
2.4	Fills compacted with granular material (includes material supply)
2.5	Fills compacted in material selected on site (excavation product), includes internal transport
2.6	Removal and transport of excavation waste
3	CONCRETE AND STEEL FOR FOUNDATIONS AND STRUCTURE
3.1	2000 psi concrete screed
3.2	2500 psi cyclopean concrete
3.3	2500 psi cyclopean concrete
3.4	3000 psi concrete for foundation beams
3.5	3000 psi concrete for columns, retaining walls, screens and corbels

3.6	3000 psi concrete for subfloor, ramps and stairs above ground and platforms. thickness
3.7	3000 psi concrete for overhead beams
3.8	3000 psi concrete, waterproofed, for overhead channel beams
3.9	3000 psi concrete for stairs and elevated ramps
3.10	PDR-60 reinforcing steel and electro-welded mesh
3.11	Lightened concrete plate of 3000 psi e=0.30 m
3.12	Solid concrete plate of 3000 psi in sight, technical rooms
3.13	4000 psi waterproofed concrete for underground tank
	CONCRETE AND STEEL FOR FOUNDATIONS AND STRUCTURE
4	ROOF AND CEILINGS
4.1	Metal roof structure, includes: trusses, straps, tension rods, plates and anchor bolts
4.2	Simple metallic roof without overlap, includes flanches and lateral finishes.
4.3	GRP translucent cover
4.4	Drywall ceiling for administrative areas, premises with processing and dry storage
5	MASONRY, NON-STRUCTURAL ELEMENTS AND FRIEDES

5,1	Exposed brick masonry and/or exposed brick cladding for structure
5.2	Brick masonry H-10
5.3	Brick masonry H-15
5.4	Reinforced concrete countertops of 3000 psi, thickness 8 cm
5.5	Confinement columns and joists in reinforced concrete of 3000 psi (12x20)-(15x20)-(10X10)
5.6	Lintels in 2500 psi reinforced concrete
5.7	Alfajías in reinforced concrete of 2500 psi for planters and roof sills
5.8	Concrete enhancements of 2500 local psi, thickness 8cm
5.9	Masonry planters, trimmed on both sides with waterproofing and washed gravel finish
5.10	Smooth frieze internal walls. Includes rounded corners in premises with elaboration
5,11	Smooth waterproofed frieze for internal walls and facades
5.12	Plain frieze under plate
5,13	Concrete frame for windows and doors on the facade
5,14	Fiber cement cornice finish
6	PLATES, STUCCO AND PAINTS
6,1	Ceramic wall veneer for laundry room
6.2	Ceramic wall veneer for sanitary batteries

#####	Polished granite for countertops. Includes front and dashboard
#####	Stucco for interior walls
#####	Graniplast for facades
#####	Type 1 vinyl paint, applied with three (3) coats, for interior walls. Administration area and technical rooms
#####	Plastic stucco for walls
#####	Epoxy paint applied to two (2) coats for walls of premises and cold rooms
7	FLOORS AND BROOM ROOMS INTERNAL AREAS PLAZA
7,1	Leveling mortar 1:3 for floor finishing installation, average thickness 5.0 cm
7.2	Waterproofing 1:3 leveling mortar for floor finishing installation, average thickness 5.0 cm
7.3	Epoxy paint for local floors
7.4	Ceramic floor administrative areas
7.5	Ceramic floor sanitary batteries
7.6	Ceramic broom holder in administrative areas
7.7	Half-round broom guard in hardened mortar, manufacturing premises
7.8	gravel finish stairs
7.9	Industrial concrete floor manufacturing premises. E=0.08m
7.10	Waterproofing mortar for roofs and channel beams

7.11	Waterproof coat for level plates 2.60 m
8	CARPENTRY
8.1	Metallic door electrical substation, plant, accesses and technical room. includes locks
8.2	Metal doors and bathroom partitions in smooth cold rolled sheet. Includes locks and/or espagnolettes.
8,3	Metallic doors in pleated cold rolled sheet. Includes locks.
8.4	Roll-up curtain metal doors and sheet pediment
8,5	Wooden doors in bathrooms, file and administration access. includes locks
8.6	Security fence dry storage and administration
8,7	Shutter type metal window facades
8.8	aluminum sliding windows
8.9	Metal railing height 0.95 m for stairs and accesses
8,10	stair handrails
8,11	Exterior enclosure in sewage pipe. H=2.30. N.A. tube D=2" c/0.27 m. Painted with anticorrosive and enamel.
9	SANITARY ELEMENTS AND APPLIANCES
9,1	Economic type tank toilet public toilets
9.2	Power one type or similar (ADA) tank toilet, push type, includes institutional seat
9.3	Providence type sink, includes: taps, accessories and elements for the drainage system
9.4	Sanitary combo for personal bathroom
9.5	Sanitary combo for bathroom administrative offices
9.6	Stainless steel dishwasher dimensions 50 x 42 cm, meat and fish stores

9.7	Stainless steel dishwasher dimensions 60 x 53 cm, food court
9.8	Disabled bathroom safety bar
9.9	Toilet paper protector
9.10	liquid soap dispenser
9.11	paper towel dispenser
9.12	Mirror with polished and beveled edges, isolated from the wall veneer. thickness 4mm
9.13	Set of two monobloc pumps. P=1.5 hp each. Hydropneumatic tank V=110 L. Includes panel, protections and s
10	HYDRAULIC INSTALLATIONS
10,1	Hydraulic point AF PVC Ø=½" - Dishwasher
10,2	Hydraulic point AF PVC Ø=½" - Sink
10,3	Hydraulic point AF PVC Ø=½" - Sanitary
10,4	Hydraulic point AF PVC Ø=½" - Terminal Wrenches
10,5	Short Handle Heavy Type End Wrench
10,6	PVC pressure pipe RDE 13.5 - Ø=½"
10,7	PVC pressure pipe RDE 21 - Ø=¾"
10,8	PVC pressure pipe RDE 21 - Ø=1"
10,9	PVC pressure pipe RDE 21 - Ø=1¼"
10,10	PVC pressure pipe RDE 21 - Ø=1½"
10,11	PVC pressure pipe RDE 21 - Ø=2"

10,12	PVC pressure pipe RDE 21 - Ø=2 1/2"
10,13	Ball or cutting valve TP - Ø=1/2"
10,14	Ball or cutting valve TP - Ø=3/4"
10,15	Ball or cutting valve TP - Ø=1"
10,16	Ball or cutting valve TP - Ø=1 1/4"
10,17	Ball or cutting valve TP - Ø=1 1/2"
10,18	Excavation of earth or common material and/or conglomerate by hand, includes internal transport
10,19	Trench compacted fills in material selected on site (excavation product), includes internal transport
10,20	Removal and transport of excavation waste
10,21	Main network connection
10,22	Hydrostatic test, tightness test, cleaning and disinfection of the hydraulic network.
10,23	Water meter D=1/2" . Includes valve box and accessories
11	SANITARY FACILITIES - SEWAGE
11,1	Trench excavation in earth or common material and/or conglomerate by hand, includes internal transport
11,2	Trench compacted fills in material selected on site (excavation product), includes internal transport
11,3	Removal and transport of excavation waste
11,4	PVC sanitary point Ø=2" - Dishwasher
11,5	Sanitary point PVC Ø=2" - Sink
11,6	PVC sanitary point Ø=2" - Floor siphon

11,7	Sanitary point PVC Ø=4" - Sanitary
11,8	Ventilation point PVC Ø=2" - Sanitary
11,9	PVC Sanitary Pipe Ø=2"
11,10	PVC Sanitary Pipe Ø=3"
11,11	PVC Sanitary Pipe Ø=4"
11,12	PVC Sanitary Pipe Ø=6"
11,13	PVC Ventilation Pipe Ø=2"
11,14	Grease Trap 1.70 x 1.00 meters
11,15	Sanitary Inspection Box 60 x 60 cm
11,16	Connection to the main existing sewerage network
12	SANITARY INSTALLATIONS - RAIN WATER
12,1	Trench excavation in earth or common material and/or conglomerate by hand, includes internal transport
12,2	Trench compacted fills in material selected on site (excavation product), includes internal transport
12,3	Removal and transport of excavation waste
12,4	Rainwater drain Ø=4"
12,5	Rainwater drain Ø=6"
12,6	PVC Rain Pipe Ø=3"
12,7	PVC Rain Pipe Ø=4"
12,8	PVC Rain Pipe Ø=6"
12,9	PVC Rain Pipe Ø=8"
12,10	Rainwater Inspection Box 80 x 80 cm

12,11	Connection to existing Main Stormwater Network
12,12	Concrete hole with modular cover in H.F. light type
13	FIRE NETWORK
13,1	Type 3 Fire Cabinet (includes cabinet paint)
13,2	Siamese for firefighters Ø=4", with check
13,3	Fire network HG=2½", includes branch tee and bushing and support accessories
13,4	Fire net HG=4", includes galvanized accessories and support accessories
13,5	Fire pump equipment according to plans, includes board, pressure gauges, accessories and piping
14	ELECTRICAL NETWORKS
14.1	MV start-up structure
14.2	PVC pipe TP 3 x4"
14.3	XLP Cable No.2 15 KV 133%
14.4	Medium voltage measurement cell
14.5	Sectioning cell. Includes load disconnecter
14.6	transformation cell
14.7	Class H Dry Type Transformer 112.5 KVA-13.2 KV/220-127 V
14.8	grounding mesh
14.9	MT exterior type pre-molded terminal
14.10	live line work
14.11	30 Kw emergency plant
14.12	MV double inspection box

14,13	IMC 4" galvanized downpipe
	LOW VOLTAGE NETWORKS
14,14	Automatic transfer 100 amp
14,15	Low Voltage General Board (TGBT)
14,16	Network cu 2(3#2/0 + 1#2/0)+ 1#1/0
14,17	Red cu 3#2 + 1#2 + 1#6t halogen free
14,18	Red cu 3#1/0 + 1#1/0 + 1#4t halogen free
14,19	Red Cu 3#6 + 1#6 + 1#8T (TGBT-TSG)
14,20	Duct bank 2x1 1/2" pvc +1x2" TP
14,21	Duct bank 2x1 1/2" pvc TP
14,22	Duct bench 1X2" pvc TP
14,23	Red Cu 3#10 (TN-E, commercial premises)
14,24	Red Cu 3#8 (TN-E, commercial premises) Red Cu 3#8 (TN-E, commercial premises)
14,25	3/4" PVC duct
14,26	1" PVC duct
14,27	EMT duct 3/4" for led highbay
14,28	3F 48ct distribution board (TN-E-No-01,02,03) with totalizer
14,29	Distribution board 1 F 4 cts (commercial premises)
14,30	Dual 120v outlet
14,31	120v GFCI outlet

14,32	220V two-phase outlet
14,33	Output led panel rd 18 W restaurant
14,34	Output led panel rd 18 W in EMT
14,35	Output led panel rd 24 W
14,36	Hermetic led luminaire output 40 W
14,37	LED panel luminaire output sq 40 w
14,38	Outdoor luminaire output 120 W led type includes grounding rod
14,39	Highbay luminaire output 165 w
14,40	single switch output
14,41	Simple inspection box BT 60x60x90 cm
14,42	8 m post with single arm
14,43	8 m pole with double arm
14,44	Red cu 3#12 (FFT) halogen free
	TELECOMMUNICATIONS
14,45	Duct bank 10x2" pvc TP
14,46	Duct bank 3x1 1/2" pvc TP
14,47	Double bottom box for telecommunications
14,48	Rack cabinet 42 RU
	SIPRA
14,49	Air-termination tip 1m
14,50	Upper ring 8 mm wire rod

14,51	bottom ring			
14,52	ground rod with inspection pit			
	CERTIFICATION AND LEGALIZATION			
14,53	RETIE certification			
14,54	RETILAP Certification			
14,55	Procedures and Legalization before ESSA			
15	GAS INSTALLATIONS			
15,1	Trench excavation in earth or common material and/or conglomerate by hand, includes internal transport			
15,2	Trench compacted fills in material selected on site (excavation product), includes internal transport			
15,3	Removal and transport of excavation waste			
15,4	Internal network outlet in HG pipe includes accessories, anchors, tightness tests			
15,5	1/2" HG pipe. Includes leak test			
15,6	Gas meter. Includes regulator (5psig-0.25 psig)			
15,7	Gas meter. Includes medium pressure regulator (60 psig - 5 psig)			
				FULL CHAPTER

16	EXTERNAL WORKS AND URBAN PLANNING			
16,1	Trench excavation in earth or common material and/or conglomerate by hand, includes internal transport	M3	171,28	\$ 44.
16,2	Trench compacted fills in material selected on site (excavation product), includes internal transport	M3	33,70	\$ 39.

16,3	Removal and transport of excavation waste	M3	65,00	\$ 30.
16,4	Granular base for vehicular access and parking areas	M3	111,00	\$ 130.
16,5	Pavement e=0.20m MR-41. parking area	M3	147,00	\$ 650.
16,6	Prefabricated sardinel A-40	ML	185,00	\$ 620.
16,7	concrete tire stop	ML	11,70	\$ 560.
16,8	Demarcation in reflective paint	M2	38,00	\$ 280.
			FULL CHAPTER	
17	CLEANLINESS			
17,1	Permanent and general cleanliness of work	UN	1,00	\$ 4.790.
			FULL CHAPTER	

TOTAL DIRECT COSTS	
Administration (A)	22,000
Unforeseen (I)	3,000
Utilities (U)	5,000
A.I.U. (30,00%)	
TOTAL BASIC COST	
PGIO	2,000
PAY	
PMT	
INTERVENTION	
TOTAL	

7. DIRECTLY BENEFITING POPULATION

For the present study, the socio-demographic profile of the municipality carried out by the Municipal SISBEN Secretariat will be taken into account according to the 2018 General Census carried out by DANE.

According to this analysis, the population of Guepsa Santander is 3849, the number of people directly to benefit is around 550 inhabitants, of which 45.5% (250) are men and 54.5% (300) are women.

The population structure is that of the total population, 7.96% is over 60 years of age, 29.7% is under 18 years of age, and the remaining 62.34% is between 18 and 60 years of age.

8. SOCIO-ECONOMIC CHARACTERIZATION OF THE BENEFITED POPULATION

In the rural sector and as the main economic activity is the cultivation of sugar cane with 3,600 hectares for the year 2005. Approximately 2,350 hectares are cultivated with coffee, corn, plantain, cassava, beans and citrus.

The main economic activity of this municipality is focused on the primary sector, it is a traditional economy especially directed to the cultivation of panela cane, and which exerts high socioeconomic pressure on natural resources because this is a region of smallholders or small property.

75% of the municipality's territory is planted with cane, the Puerto Rico, Coimbatore and Azul Casa Grande varieties predominate, it is characterized by the yield between 10 and 14 tons of panela per hectare, the Municipal Development plan emphasizes sustainability as a point starting point, to reduce poverty levels, seeking behavioral changes in land use, improving techniques in production processes, as a strategy it proposes crop diversification and rotation, seed improvement and development of livestock species.

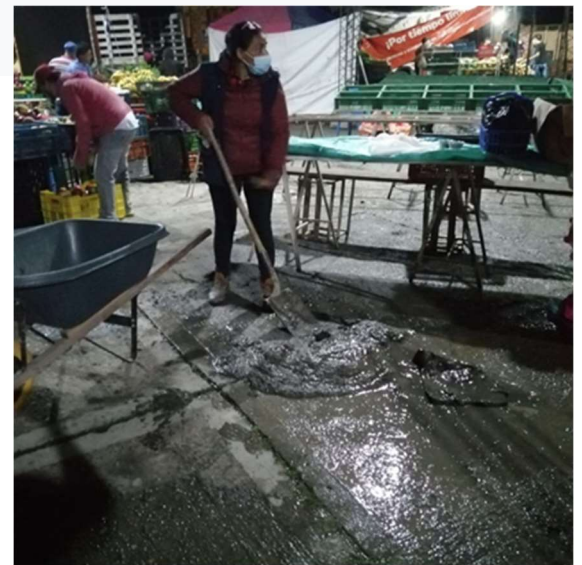
According to information registered by the municipal office, approximately 2,350 hectares are planted with cane, 30 with coffee, 45 with corn, 5 with cassava and 5 with beans; The economy revolves

around panela with yields per hectare of cultivated sugarcane from 10 to 14 tons, coffee 1.5 tons, corn 1 ton, cassava 3 tons, and beans 1 ton per hectare respectively.

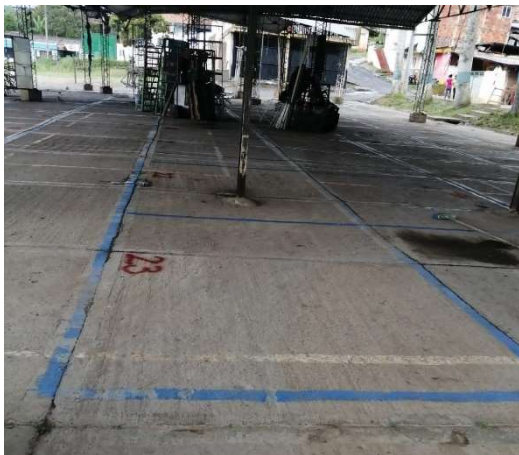
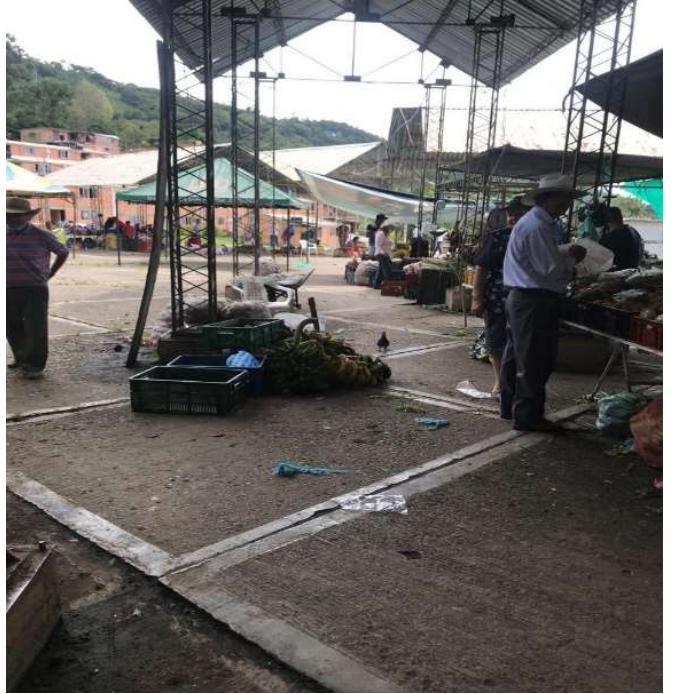
There is no livestock activity per se, this is limited to the possession of a maximum of one cow and one calf which are fed with a ration of cane palm, molasses and a small batch of grass for them to walk on, there are very few who have grass cutting or efficient grazing system, most have between 10 and 15 chickens, some have 1 or 2 pigs that they take to the local market; pig farms where breeding, fattening and raising or sales of piglets are carried out.

The commercial and service activity of the municipality of Güepsa has been concentrated in the urban area, given its geographical location and convergence of roads from the different villages to the head.

9.







RESPONSIBLE	Project	Revised	approved
NAME	Yamile Quintero Rodríguez	Iván Ricardo Medina B.	Osmar Ángel Arias Acuña
POSITION	Bank of Municipal Public Investment Programs and Projects	Ministry of Planning, Infrastructure and Public Works	Municipal mayor

