

# TRANSPORT SECTOR



# Transportation Sector

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## Project list

No	Project
1	Wagons manufacturing & locos. Rehabilitation project.
2	Khartoum Atbara Port Sudan Rail Way project.
3	3Khart. SennarElobied- AradebaBabanousa project.
4	Kassala –Al gedaref- Sennar- El damazin project.
5	Alazaza – Abdalrafi&Salloom– Sheikh Ibrahim project.
6	Nyala – Adri& Nyala –Ummdafoug project.
7	Abanousa – Nyala Babanousa-BaherAlarab project.
8	Abuhamad - Egyptian border & Babanousa-BaherAlarab project.

## 1. Railway Wagons Assembly & Manufacturing

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No	Project	Data
1.1	Project Name	Rail Way Wagons Assembly & Manufacturing.
1.2	Project Objectives	To provide rail way wagons of several types to Sudanese rail way corp.& private companies
1.3	Project Sector	Transportations
1.4	Project capacity.	1000 wagon per year (5000 wagon for 5 years).
1.5	Location	GIAD INDUSTRIAL CITY, ALGAZIRA STATE
1.6	Cost (Budget)	
1.7	Time frame	5 yrs.
1.8	Feasibility Financial Indicators	ROI
		PBP
		IRR
1.9	Market	National & International
1.10	Feasibility Study	Pre
		Final

## 2. New Railway Line Khartoum – Atbara

SN	Projects Types	Projects Name		Budget (Million Euro)				
				At 120 km/h		At 160 km/h (Optional)		
2.1	Construct ions of Rail Road's + Rolling Stock	New Railway Line Khartoum – Atbara (Parallel to the existing line) 350Km.	Rolling Stock:-		Infra structure	Rollin g stock.	Infrastruc ture	Rolling stock.
			Item	Qty.				
			Heavy loco.	13				
			Shunting loco.	4				
			Wagons.	340				
			Passenger Train.	4				
			Construction of Main Depots.	1				
			Motor Trolley.	2				
			Brake Vans.	13				
			Mobile Crane.	1				
			Heavy Tamping Machine.	1				
Small Tamping Machine.	1							

### 3. New railway line Khartoum – Sennar

SN	Projects Types	Projects Name		Budget (Million Euro)				
				At 120 km/h		At 160 km/h (Optional)		
3.1	Constructions of Rail Road's + Rolling Stock	New railway line Khartoum – Sennar (standard gauge ) Parallel to the existing line)300Km.	Rolling Stock:-		Infras tructu re	Rolli ng stock .	Infrastruct ure	Rolling stock.
			Item	Qty.				
			Heavy loco.	3				
			Shunting loco.	4				
			Wagons.	135				
			Passenger Train.	2				
			Construction of Main Depots.	1				
			Motor Trolley.	2				
			Brake Vans.	3				
			Heavy Tamping Machine.	1				
Small Tamping Machine.	1							

## 4. New railway line Salloom– Sheikh Ibrahim

SN	Projects Types	Projects Name		Budget (Million Euro)				
				At 120 km/h		At 160 km/h (Optional)		
4.1	Construct ions of Rail Road's + Rolling Stock	New railway line Salloom– Sheikh Ibrahim Construction of (standard gauge) 100Km.	Rolling Stock:-					
			Item	Qty.	Infrastr ucture	Rollin g stock.	Infrast ructur e	Roll ing stoc k.
			Heavy loco.	3				
			Shunting loco.	2				
			Wagons.	135				
			Construction of Main Depots.	2				
			Motor Trolley.	2				
			Brake Vans.	3				

## 5. New Line Haiya -Kassala –Al gedaref- Sennar- El damazin

SN	Projects Types	Projects Name		Budget (Million Euro)				
5.1	Constructions of Rail Road's + Rolling Stock	New Line Haiya - Kassala – Al gedaref- Sennar- El damazin. (Dual gauge)- 1104 Km	Rolling Stock:-		At 120 km/h		At 160 km/h (Optional)	
			Item	Qty.	Infrastructure	Rolling stock	Infrastructure	Rolling stock
			Heavy loco.	20				
			Shunting loco.	12				
			Wagons.	750				
			Passenger Train.	6				
			Construction of Main depots.	3				
			Motor Trolley.	4				
			Construction of checking depots.	1				
			Brake vans.	20				
			Rail crane.	1				
			Mobile Crane.	1				
			Heavy tamping machine.	1				
Small tamping machine.	1							

## 6. New Line Port Sudan – Atbara

SN	Projects Types	Projects Name		Budget (Million Euro)				
6.1	Constructi ons of Rail Road's + Rolling Stock	New Line Port Sudan - Atbara. (Standard gauge – parallel existing line) – 598 Km.	Rolling Stock:-		At 120 km/h		At 160 km/h (Optional)	
			Item	Qty.	Infra- structu re	Rolli ng stock	Infrastructu re	Rolli ng stock
			Heavy loco.	13				
			Shunting loco.	4				
			Wagons.	340				
			Passenger Train.	4				
			Construction of Main depots.	1				
			Motor Trolley.	3				
			Brake Vans.	13				



## 7. New railway line Alazaza – Abdalrafi

S N	Projects Types	Projects Name		Budget (Million Euro)				
				At 120 km/h		At 160 km/h (Optional)		
7. 1	Constructi ons of Rail Road's + Rolling Stock	New railway line Alazaza – Abdalrafi (Ethiopia boarder) standard gauge line 220 km	Rolling Stock:-		Infrastru ct-ure	Rolli ng stock.	Infrastruct ure	Rolli ng stock
			Item	Qty				
			Heavy loco.	7				
			Wagons.	135				
			Passenger Train.	4				
			Construction of Main Depots.	1				
			Construction of Checking Depots.	1				
			Brake Vans.	7				
			Mobile Crane.	1				

## 8. Purchasing of Two units of 2200 HP locomotives & supply of locomotives

No	Project		Data
8.1	Project Name		Purchasing of Two units of 2200 HP locomotives & supply of locomotives spare parts for medium repair of 10 locs.
8.2	Project Objectives		Increase Locomotive's Capacity by 20%.
8.3	Project Sector		Transportation.
8.4	Project capacity.		
8.5	Location		Khartoum.
8.6	Cost (Budget)		
8.7	Time frame		5 yrs.
8.8	Feasibility Financial Indicators	ROI	15%
		PBP	6 years
		IRR	14%
8.9	Market		National & International
8.10	Feasibility Study	Pre	Available
		Final	Available
8.11	Project status		Contract being signed with SRRC Company.