

WATER SCHEME SECTOR



Water scheme Sector

Project list

No	Project
1	Almanagil Town Water Treatment plant.
2	Water Supply Project For Al Fashir Town.
3	Rabak Town Water Supply.
4	Khartoum Water Supply Improvement Scheme.
5	Dongola Water treatment Plant.
6	Drilling of 1000 water yard project.
7	Improvement of AlDamazine Water Supply System.
8	East Gazira Water Supply project.
Total	8 Projects

1. Almanagil Town Water Treatment plant

No	Project	Data						
1.1	Project Name	Almanagil Town Water Treatment plant.						
1.2	Project Objectives	<ol style="list-style-type: none"> 1. To provide sufficient water supply to overcome the existing shortage of safe water supply at a sustainable manner. 2. To improve the existing management system with closed consideration to the socio-economic status of the population to reach to the appropriate tariff that will ensure the sustained water services ensure at cost effective basis. 3. To reduce illnesses caused by the use of unsafe water due to unhygienic transport of water by venders to the towns suburbs and to maintain continuing health of the people that will ensure high profile productivity and prosperous development. 4. To stimulate the development processes at the town locations though the elimination of the negative effects primarily caused by the short of water supply. 						
1.3	Project Sector	Water Schemes						
1.4	Project capacity.	75,000 m3/day approx.						
1.5	Location	Almanagil Town – Gazira State.						
1.6	Cost (Budget)							
1.7	Time frame	4 yrs.						
1.8	Feasibility Financial Indicators	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%; text-align: center;">ROI</td> </tr> <tr> <td></td> <td style="text-align: center;">PBP</td> </tr> <tr> <td></td> <td style="text-align: center;">IRR</td> </tr> </table>		ROI		PBP		IRR
	ROI							
	PBP							
	IRR							
1.9	Market	National & International						
1.10	Feasibility Study	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%; text-align: center;">Pre</td> </tr> <tr> <td></td> <td style="text-align: center;">Final</td> </tr> </table>		Pre		Final		
	Pre							
	Final							
1.11	Project status	Almanagil Town Water Treatment plant.						

2. Rabak Town Water Supply

No	Project	Data
2.1	Project Name	Rabak Town Water Supply.
2.2	Project Objectives	<ol style="list-style-type: none"> 1. To provide sufficient water supply to overcome the existing shortage of safe water supply at a sustainable manner. 2. To improve the existing management system with closed consideration to the socio-economic status of the population to reach to the appropriate tariff that will ensure the sustained water services ensure at cost effective basis. 3. To reduce illnesses caused by the use of unsafe water due to unhygienic transport of water by venders to the towns suburbs and to maintain continuing health of the people that will ensure high profile productivity and prosperous development. 4. To stimulate the development processes at the town locations though the elimination of the negative effects primarily caused by the short of water supply.
2.3	Project Sector	Water Schemes.
2.4	Project capacity.	50,000 m ³ /day approx.
2.5	Location	Rabak – white Nile State.
2.6	Cost (Budget)	
2.7	Time frame	3 yrs.
2.8	Feasibility Financial Indicators	ROI
		PBP
		IRR
2.9	Market	State.
2.10	Feasibility Study	Pre
		Final
2.11	Project status	

3. Water Supply Project For Al Fashir Town

No	Project	Data
3.1	Project Name	Water Supply Project For Al Fashir Town.
3.2	Project Objectives	<p>To provide sufficient water supply to overcome the existing shortage of safe water supply at a sustainable manner.</p> <p>To improve the existing management system with closed consideration to the socio-economic status of the population to reach to the appropriate tariff that will ensure the sustained water services ensure at cost effective basis.</p> <p>To reduce illnesses caused by the use of unsafe water due to unhygienic transport of water by venders to the towns suburbs and to maintain continuing health of the people that will ensure high profile productivity and prosperous development.</p> <p>To stimulate the development processes at the town locations though the elimination of the negative effects primarily caused by the short of water supply.</p>
3.3	Project Sector	Water Schemes
3.4	Project capacity.	50,000 m ³ /day approx.
3.5	Location	Al Fashir – north Darfur State.
3.6	Cost (Budget)	
3.7	Time frame	3 yrs.
3.8	Feasibility Financial Indicators	ROI
		PBP
		IRR
3.9	Market	State.
3.10	Feasibility Study	Pre
		Final
3.11	Project status	

4. Khartoum Water Supply Improvement Scheme

No	Project	Data						
4.1	Project Name	Khartoum Water Supply Improvement Scheme						
4.2	Project Objectives	<p>5. To provide sufficient water supply to overcome the existing shortage of safe water supply at a sustainable manner.</p> <p>6. To improve the existing management system with closed consideration to the socio-economic status of the population to reach to the appropriate tariff that will ensure the sustained water services ensure at cost effective basis.</p> <p>7. To reduce illnesses caused by the use of unsafe water due to unhygienic transport of water by venders to the towns suburbs and to maintain continuing health of the people that will ensure high profile productivity and prosperous development.</p> <p>8. To stimulate the development processes at the town locations though the elimination of the negative effects primarily caused by the short of water supply.</p>						
4.3	Project Sector	Water schemes.						
4.4	Project capacity.							
4.5	Location							
4.6	Cost (Budget)							
4.7	Time frame	3 yrs.						
4.8	Feasibility Financial Indicators	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">ROI</td> <td></td> </tr> <tr> <td style="text-align: center;">PBP</td> <td></td> </tr> <tr> <td style="text-align: center;">IRR</td> <td></td> </tr> </table>	ROI		PBP		IRR	
ROI								
PBP								
IRR								
4.9	Market	National.						
4.10	Feasibility Study	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Pre</td> <td></td> </tr> <tr> <td style="text-align: center;">Final</td> <td></td> </tr> </table>	Pre		Final			
Pre								
Final								
4.11	Project status .							

5. Dongola Water treatment Plant

No	Project	Data
5.1	Project Name	Dongola Water treatment Plant.
5.2	Project Objectives	<p>9. To provide sufficient water supply to overcome the existing shortage of safe water supply at a sustainable manner.</p> <p>10. To improve the existing management system with closed consideration to the socio-economic status of the population to reach to the appropriate tariff that will ensure the sustained water services ensure at cost effective basis.</p> <p>11. To reduce illnesses caused by the use of unsafe water due to unhygienic transport of water by venders to the towns suburbs and to maintain continuing health of the people that will ensure high profile productivity and prosperous development.</p> <p>12. To stimulate the development processes at the town locations though the elimination of the negative effects primarily caused by the short of water supply.</p>
5.3	Project Sector	Water
5.4	Project capacity.	50,000 m ³ /day
5.5	Location	Dongola Town
5.6	Cost (Budget)	
5.7	Time frame	4yrs.
5.8	Feasibility Financial Indicators	ROI
		PBP
		IRR
5.9	Market	state.
5.10	Feasibility Study	Pre
		Final
5.11	Project status .	

6. Drilling of 1000 water yard project

No	Project	Data						
6.1	Project Name	Drilling of 1000 water yard project.						
6.2	Project Objectives	<p>13. To provide sufficient water supply to overcome the existing shortage of safe water supply at a sustainable manner.</p> <p>14. To improve the existing management system with closed consideration to the socio-economic status of the population to reach to the appropriate tariff that will ensure the sustained water services ensure at cost effective basis.</p> <p>15. To reduce illnesses caused by the use of unsafe water due to unhygienic transport of water by venders to the towns suburbs and to maintain continuing health of the people that will ensure high profile productivity and prosperous development.</p> <p>16. To stimulate the development processes at the town locations though the elimination of the negative effects primarily caused by the short of water supply.</p>						
6.3	Project Sector	Water Schemes						
6.4	Project capacity.	50,000 m ³ /day approx.						
6.5	Location	Different Towns and villages.						
6.6	Cost (Budget)							
6.7	Time frame	5 yrs. (200 water yard per year).						
6.8	Feasibility Financial Indicators	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">ROI</td> <td></td> </tr> <tr> <td style="text-align: center;">PBP</td> <td></td> </tr> <tr> <td style="text-align: center;">IRR</td> <td></td> </tr> </table>	ROI		PBP		IRR	
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Final								
6.11	Project status .							

7. Improvement of Al Damazine Water Supply System

No	Project	Data						
7.1	Project Name	Improvement of Al Damazine Water Supply System						
7.2	Project Objectives	<p>17. To provide sufficient water supply to overcome the existing shortage of safe water supply at a sustainable manner.</p> <p>18. To improve the existing management system with closed consideration to the socio-economic status of the population to reach to the appropriate tariff that will ensure the sustained water services ensure at cost effective basis.</p> <p>19. To reduce illnesses caused by the use of unsafe water due to unhygienic transport of water by venders to the towns suburbs and to maintain continuing health of the people that will ensure high profile productivity and prosperous development.</p> <p>20. To stimulate the development processes at the town locations though the elimination of the negative effects primarily caused by the short of water supply.</p>						
7.3	Project Sector	Water Schemes						
7.4	Project capacity.	35,000 m ³ /day approx.						
7.5	Location	Al Damazine Town - Blue Nile State						
7.6	Cost (Budget)							
7.7	Time frame	3 yrs						
7.8	Feasibility Financial Indicators	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">ROI</td> <td></td> </tr> <tr> <td style="text-align: center;">PBP</td> <td></td> </tr> <tr> <td style="text-align: center;">IRR</td> <td></td> </tr> </table>	ROI		PBP		IRR	
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PBP								
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Final								
7.11	Project status .							

8. East Gazira Water Supply project

No	Project	Data						
8.1	Project Name	East Gazira Water Supply project.						
8.2	Project Objectives	<p>To provide sufficient water supply to overcome the existing shortage of safe water supply at a sustainable manner.</p> <p>To improve the existing management system with closed consideration to the socio-economic status of the population to reach to the appropriate tariff that will ensure the sustained water services ensure at cost effective basis.</p> <p>To reduce illnesses caused by the use of unsafe water due to unhygienic transport of water by venders to the towns suburbs and to maintain continuing health of the people that will ensure high profile productivity and prosperous development.</p> <p>To stimulate the development processes at the town locations though the elimination of the negative effects primarily caused by the short of water supply.</p>						
8.3	Project Sector	Water Schemes						
8.4	Project capacity.	50,000 m ³ /day approx.						
8.5	Location	Hassahisa and Rufaa – Gazira State.						
8.6	Cost (Budget)							
8.7	Time frame	4 yrs.						
8.8	Feasibility Financial Indicators	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%; text-align: center;">ROI</td> </tr> <tr> <td></td> <td style="text-align: center;">PBP</td> </tr> <tr> <td></td> <td style="text-align: center;">IRR</td> </tr> </table>		ROI		PBP		IRR
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