

Assignment Name: TEMBA Water Treatment Works		ID#: 6
Country: South Africa Location within Country: Gauteng	Approx. value of the contract: US\$2 million.	
Name of Client: City of Tshwane Metropolitan Municipality	your firm under the contract: US\$200,000.	
Address:	Total No. of staff-months of the assignment:	
Start date (month/year): 15-07-2004	Duration of assignment (months): 18	
<u>Narrative description of Project:</u> Design and construction supervision of a large brown-field upgrade of the TEMBA WTW located to the north of Pretoria, including upgrades and modifications to the raw water source and supply at the surface reservoir.		
<u>Description of actual services provided by professional engineering staff within assignment:</u> Project upgrades for the WTP include upflow filters, ozonation and enhanced sludge removal for an existing conventional WTW which cannot treat the elevated algae load of the incoming raw water stream. In addition, the raw water intake structure and raw water pump station was upgraded to accommodate the increased raw water volume and included modifications that permitted primary screening of the raw water prior to the pump intakes.		
<u>Description of Activities provided by RWI</u> Finalization of the Close-Out Report and construction modifications for commissioning and maintenance. Review of the Final Contract Report for issue to client and compilation of the O&M Manual issued with plant closure. Updates to the HAZOP Report and finalization for issue to client. Preparation and submission of Project Change Orders for Final Budget Issue for both Contractor and Consultant and mediation of matters of dispute between Client and others.		

