

100825 Pwaber

REHABILITATION - SOUTHERN OPERATIONS			
Project description	2010/2011	Done	Quarter
Beervlei Dam			
Refurbish radial gates (face & seals)	75,000	75,000	2
Corrosion protect bottom walkway	163,000	163,000	2
Darlington Dam			
Replace blank flanges on middle level river outlets	300,000		4
Replace service gate rails on left bank inlets	500,000		4
De Mistkraal Weir			
Refurbish radial gates	1,500,000	1,257,000	2
Elandsdrift Weir			
Re-instate corrosion protection on stop log	2,000,000	1,949,000	2
Glen Mellville Dam			
Inspect and repair screens at Glen Mellville	50,000		3
Refurbish the service gate at Hermanuskraal Weir	40,000	38,000	2
Grassridge dam			
Re-instate isolating valves at old intake tower	120,000	120,000	
Impofu Dam			
Refurbish intake stack + pipeline	3,000,000	1,200,000	4
Klipplaat Dam			
Refurbish all butterfly valves	400,000	60,000	4
Seal the intake tower	80,000		3
Kouga Dam			
Refurbish canal screens on Gamtoos GWS	600,000	120,000	3
Replace disfunctional handrails	500,000	250,000	3
Refurbish service gate winch	100,000		4
Replace service gate rails at Kouga	500,000		4
Laing Dam			
Replace intake stack	7,000,000	4,508,000	4
Replace unsafe walkways	150,000		4
Loerie Dam			
Refurbish the headstocks of the wall sluices	200,000		4
Install flow meter	170,000		3
Lower Sunday's River GWS			
Install new farm gates on canal servitude fencing	200,000	200,000	2
Mthatha Dam			
Replace reflux valves at pumping station	960,000	960,000	2
Nahoon Dam			
Refurbish inlet stack	150,000		4
Ncora Dam			
Refurbish service gates	750,000	315,000	2
Inspect and refurbish automatic flow control system	200,000		4
Oxkraal Dam			
Refurbish small gate valve at the outlet structure	25,000		4
Rooikrantz Dam			

Manufacture crane	360,000		2
Refurbish intake stack + pipeline	250,000		4
Wriggleswade Dam			
Refurbish sleeve valve at tunnel outlet	120,000		3
Xonxa Dam			
Design, manufacture and install isolating plugs	250,000		4
Refurbish scour outlet valve	20,000		4
Belfort Dam			
Replace old flow meter	160,000		2
Corana Dam			
Replace old flow meter	130,000	132,000	1
Katrivier Dam			
Electrical rehabilitation of the dam	150,000	150,000	2
Lubisi Dam			
Refurbish sleeve valves at Lubisi	300,000	300,000	1
Refurbish crane at intake tower	500,000	150,000	3
Mabeleni Dam			
Replace old flow meter	110,000	130,000	1
Mhlanga Dam			
Replace old flow meter	60,000	60,000	1
Nqadu Dam			
Replace old flow meter	120,000	36,100	1
Ntenetyana Dam			
Replace old flow meter	150,000		1
Sandile Dam			
Replace rotten planks on bridge and treat with preservative	50,000		3
Shiloh Irrigation			
Upgrade the corrosion protection on the pipes	50,000	50,000	1
Replace the telemetry system and river level transmitter	100,000		
Xilinx Dam			
Replace old flow meter	105,000	120,000	1
Klipheuwel Dam (Moordkuil Pumpst.)			
Purchase new pump	100,000		4
Brandriv. Miertjieskraal Dam			
Modification of manual crane to 2 speed electrical	100,000		4
Greater Brandvlei G.W.S.			
Structure to store and operate canal screen/stop logs	250,000	250,000	1
Changes to Brandvlei pumpstation Elect.	200,000		3
Refurbish Bron Pumps (New submersable pump)	100,000		4
Install elect hoist Kwaggaskloof			
Security at Building for generator at Bron Pump Station	100,000		4
Hartebeeskuil Dam			

Replace 2 x wallsluices (Including Divers)	430,000		3
Tierkloof Dam			
Refurb; 3CR12 Pipes (Botom section stil need to be done)	150,000		4
Korente-vette G.W.S.			
Automate service gate winch for easier operation	50,000	50,000	2
Refurbishment of sleeve valves	40,000	50,000	2
Hidraulify sleeve valves + buitd powerpack	800,000	800,000	2
Buffelsrivier G.W.S. (Floriskraal Dam)			
Preparations for refurbishment of radial gates	200,000		4
Refurbish radial gate no.1-10 & services gate	500,000		4
Olifantsrivier G.W.S.: Kammanassie Dam			
Remove belmouth screens and test blank flanges.	800,000		3
Olifantsrivier G.W.S.: Stompdrift Dam			
Refurbish sleeve valves	100,000		3
Built power pack and hidraulify sleeve valves	300,000	250,000	2
Refurbish butterfly valves + Mono Rail	100,000		4
Elandsrivier G.W.S. (Elandskloof Dam)			
Installation of a new two speed crane	200,000		3
RSE-Bergriver G.W.S.: Theewaterskloofdam/RSE tunnels			
TWK: Modify tower upper level work area	272,000	272,000	1
TWK: Corrosion protection of river outlet and fit Straub Couplings	140,000	140,000	2
TWK: Erect mech/Civil enclosure ontop of In/Outlet Tower			
Kleinplaasdam: Refurbish Sleeve Valve 1	110,000	50,000	1
Kleinplaasdam: Refurbish Emergency Gate for Tunnel Inlet			
Cordiersrivier G.W.S.: Oukloofdam			
Manufacture & installation of new handtails at canal inlet structure	42,000	42,000	1
Gamkariver G.W.S.: Gamkapoortdam			
Refurbish Radial Gate 1	600,000	600,000	
Refurbish Radial Gate 2; 3; 4	2,100,000		4
Olifantsrivier G.W.S: LORWUA			
Bulshoek: Canal Inlet sluice gates (5) manufacture	1,300,000	1,300,000	
Sealing faces on sills for service gates			
Sub-Total: Refurbishment	31,802,000	16,147,100	