

Cost Estimate for Purton Reservoir PR09 Study

	Normal Design			Risk Design		
<u>CONSTRUCTION COSTS</u>						
<u>Preliminaries & General Items</u>	15%	£13,937,000		15%	£18,476,000	
<u>Capital Costs</u>		£92,907,000			£123,167,000	
<i>General</i>		£352,650			£361,600	
<i>Main Dam</i>		£40,824,042			£70,326,699	
<i>Draw off Culvert</i>		£402,309			£669,513	
<i>Draw off Pipework</i>		£517,134			£694,927	
<i>Draw off Tower</i>		£393,450			£538,741	
<i>Inlet Works</i>		£409,409			£617,591	
<i>Mechanical & Electrical Works</i>		£475,500			£475,500	
<i>Other Items</i>		£4,489,282			£4,439,282	
<i>Mains Laying</i>		£714,820			£714,820	
<i>Upgrade to treatment Works</i>		£41,068,333			£41,068,333	
<i>New High lift Pumping Station</i>		£3,259,970			£3,259,970	
<u>Unaccounted for items</u>	15%	£13,937,000		15%	£18,476,000	
		TOTAL FOR CONSTRUCTION	£120,781,000		TOTAL FOR CONSTRUCTION	£160,119,000
<u>ADDITIONAL COSTS</u>						
CONTRACTORS HEAD OFFICE OVERHEADS AND CONTRACT STAFF	20%		£24,157,000	20%		£32,024,000
CONTRACTORS PROFIT	3%		£3,624,000	3%		£4,804,000
DESIGN & SUPERVISION	10%		£12,079,000	10%		£16,012,000
		ESTIMATED TOTAL CAPITAL EXPENDITURE	£160,641,000		ESTIMATED TOTAL CAPITAL EXPENDITURE	£212,959,000
<u>RISK ITEMS</u>			£23,258,200			
<u>NOT INCLUDED</u>						
EIA & OTHER SOCIAL AND ENVIRONMENTAL IMPACT ASSESSMENTS WORKS IN CONNECTION WITH PLANNING PERMISSION						

Note: The difference in capital cost Normal - Risk design is carried forward into Project Risk Register