

Gate 3 Efficiency of Spend Template

SRO:				SESRO
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Category	WBS code	Activity code	Activity	Expenditure (£, current prices)	Expenditure (£, 2017-2018 prices)	% of Total Expenditure	Description of Activity	RAPID Guidance	
Programme & Project Management	1	1	1-1	Project Management	411,912	331,111	0%	Day-to-management of project and all workstreams	Detail costs for all activities associated with programme management and governance, day-to-day project management (including costs for any external project managers utilised), and assurance.
	1	2	1-2	PMO, project controls support	7,982,265	6,289,519	10%	See breakdown	
	1	3	1-3	Affinity Water governance and management costs	386,192	304,706	0%	Governance and management oversight from project Sponsors	
	1	4	1-4	Southern Water governance and management costs	300,000	233,234	0%	Governance and management oversight from project Sponsors	
	1	6	1-6	Technical Partner – Gate 3 – Project Controls/ Project Management and Assurance	2,823,276	2,194,949	3%	See breakdown	
	1	7	1-7	Technical Partner – Early Gate 4 – Project Controls/ Project Management and Assurance	2,491,301	1,936,856	3%	See breakdown	
Finalised Feasibility and Developed Design	2	1	2-1	Engineering Design Services	7,759,764	6,105,710	9%	All professional engoineering design support services – see breakdown	Detail all costs for activities associated with undertaking the finalised feasibility assessment and developed concept design.
	2	2	2-2	Reservoir Advisory Panel	255,247	201,819	0%	Independent technical review on reservoir safety matters	
	2	3	2-3	Constructability Advice and Review	469,832	372,151	1%	Advice on all matters associated with constructability, including options appraisal, carbon analysis, costs and schedule	
	2	4	2-4	Network Rail Basic Asset Protection Agreement	28,186	22,256	0%	Network Rail technical review and engagement on rail freight options	
	2	5	2-5	TW Property Consultancy Support	35,627	28,193	0%	Professional land agency advice and services associated with access to TW owned and tenanted land on SESRO site	
	2	6	2-6	Rail Options, Critical Review	13,885	10,840	0%	Peer review of rail siding and materials handling area design	
	2	7	2-7	Wind & Wave Modelling	363,899	282,913	0%	Specialist anlysis and modelling of wind and wave conditions at SESRO, to inform erosion protection and other associated design services	
	2	8	2-8	Reservoir Construction Engineer	33,762	26,248	0%	Formally appointed post under the Reservoirs Act 1975	
	2	9	2-9	MOATA Geospacial Software Module	50,033	38,898	0%	Specialist software for efficient management of survey land access and GIS support	
	2	10	2-10	Technical oversight, governance and direction	2,496,601	1,979,328	3%	Technical governance and management of WBS activities from within SRO portfolio team	
	2	12	2-12	Technical Partner – Early Gate 4 – Engineering Activities	2,535,498	1,971,217	3%	See breakdown	
	2	13	2-13	Technical Partner – Engineering Activities	5,740,327	4,462,803	7%	See breakdown	
Option benefits development and appraisal	3	1	3-1	Workforce and Social Value Plans	61,600	49,435	0%	Analysis of economic (workforce) benefits	Detail costs for all activities associated with development of the options benefits and impacts (water resource, carbon, and wider best value, plus direct costs associated with the appraisal of the option against sub-options or alternatives).
	3	2	3-2	Water Resources Modelling	64,712	51,504	0%	PyWR modelling and analysis to inform gate three submission	
	3	3	3-3	WP2, Terrestrial Benefit Appraisal 2024	209,603	163,434	0%	Socio-economic appraisal for gate three	
Environmental Assessment	4	1	4-1	Environment Agency – NAU and local costs and pre-app. advice from planning team	781,382	629,507	1%	Environment Agency technical review and engagement – local area specialists, NAU and other teams (e.g. review of flood risk models) as required. No detailed breakdown is provided from the EA.	Detail costs for any environmental assessments, such as Strategic Environmental Assessments, Habitat Risks Assessments, and other activities such as considering in-combination effects and assessing environmental risk. Include regulator costs for the Environment Agency and Natural England.
	4	2	4-2	Natural England – NAU and local costs	102,487	82,151	0%	Natural England technical review and engagement – local area specialists, NAU and other teams (e.g. landscape impact specilists) as required	
	4	3	4-3	Terrestrial environmental assessment	1,257,250	999,208	2%	Professional advisory services associated with all aspects of terrestrial environmental assessment and survey specifications – see breakdown	
	4	4	4-4	Aquatic environmental assessment	2,218,575	1,755,972	3%	Professional advisory services associated with all aspects of aquatic environmental assessment and survey specifications – see breakdown	
	4	5	4-5	Technical oversight, governance and direction	633,766	498,509	1%	Technical governance and management of WBS activities from within SRO portfolio team	
	4	7	4-7	Technical Partner – Early Gate 4 – Environmental Works	1,859,501	1,445,665	2%	See breakdown	
	4	8	4-8	Technical Partner – Environmental Works	3,299,703	2,565,346	4%	See breakdown	
Data Collection, Sampling, and Pilot Trials	5	1	5-1	Terrestrial environmental surveys	1,279,560	999,490	2%	See breakdown	Detail costs for any activities related to data collection, sampling, and pilot trials, such as drinking water quality sampling and considerations and monitoring.
	5	2	5-2	Water quality, aquatic ecology and watercourse surveys	2,365,608	1,865,259	3%	See breakdown	
	5	3	5-3	Ground investigations	3,644,975	2,849,260	4%	See breakdown	
	5	4	5-4	Supervision and safety management of all site works (Principal Contractor)	1,499,807	1,177,795	2%	See breakdown	
	5	5	5-5	Clay compaction trial (main works)	2,458,756	1,911,793	3%	See breakdown	
	5	6	5-6	Survey management and technical oversight	717,015	567,602	1%	Oversight and management of survey programme	
	5	7	5-7	Residual risk and contingency	0	0	0%	Risk and contingency for WBS – to be reconciled at final gate three account	
	5	9	5-9	Technical Partner – Early Gate 4 – Data Sampling and pilot trials	1,129,095	877,812	1%		
	5	10	5-10	Electrical Power Supply and Connections	182,827	142,138	0%		
Commerical and Procurement Strategy	6	1	6-1	Technical analysis, including oversight and direction	5,038,650	3,983,267	6%	Technical analysis for Ofwat Stage 2, including professional support services, and governance and management of WBS activities from within SRO portfolio team	Detail costs for any activities associated with developing the commercial and procurement strategies.
	6	2	6-2	Technical assurance	48,722	37,879	0%	Independent technical assurance of Ofwat Stage 2 submission	
Planning and Land	7	1	7-1	Planning consultancy and land advisory services	1,018,823	806,493	1%	Professional advisory services for all strategic planning and land access and acquisition activities – see breakdown	Detail costs for all activities associated with planning strategy and the pre-planning application activity plan, such as land referencing, field surveys, environmental permitting plans.
	7	2	7-2	Stakeholder engagement and pre-app advice	176,276	138,412	0%	Funding for Oxfordshire CC and Vale of White Dorset DC to enable close technical liaison with officers	
	7	3	7-3	Technical oversight, governance and direction	354,586	282,711	0%	Technical governance and management of WBS activities from within SRO portfolio team	
	7	4	7-4	Planning Inspectorate costs	63,025	48,998	0%	Payment to PINS for pre-app advisory services	
	7	6	7-6	Technical Partner – Early Gate 4 – Planning	805,296	626,075	1%	See breakdown	
	7	7	7-7	Technical Partner – Planning	871,464	677,518	1%	See breakdown	
Stakeholder Engagement	8	1	8-1	Feedback analysis for non-statutory Public Consultation	112,139	87,182	0%	Professional advisory service and support for collation of feedback on non-statutory consultation in 2024	Detail costs for all activities associated with customer and stakeholder engagement related to the solution.
	8	2	8-2	Technical support and materials for non-statutory Public Consultation	150,260	118,837	0%	Professional advisory service and support on all matters associated with development of technical materials for non-statutory consultations and customer engagement	
	8	3	8-3	Technical oversight, governance and direction	3,979,311	3,156,990	5%	Engagement team within SRO portfolio team including technical governance and management of WBS activities	
	8	5	8-5	Technical Partner – Early Gate 4 – Engagement, Land and Consultations	461,180	358,543	1%		
	8	6	8-6	Technical Partner – Engagement, Land and Consultations	365,051	283,808	0%	Technical supprt on all matters associated with engagement, land access and consultations ahead of gate 3	
Legal	9	1	9-1	Land access licences	304,353	239,458	0%	All legal activity associated with drafting, agreeing and completing licences to enable access to third party land for survey works	Detail costs associated with any legal activities related to the solution.
	9	2	9-2	Legal support and advisory services	2,127,011	1,676,746	3%	See breakdown	
Other	10	1	10-1	Corporate overhead recovery @ 11%	8,027,039	6,290,866	10%	Applied to all Thames Water capital transactions	Detail costs associated with any other activities relevant to solution development for gate 3 that are not covered in the above categories.
Total			-	83,392,290	65,439,788	100%			
Gate 3 Allowance			-		65,490,000				
Gate Under/Overspend			-		-50,212				