

CLEEVES RIVERSIDE QUARTER
LIMERICK

CRQ-SA-X-X-XXX-PZ-ADX-IM-0004
High-Level-Responsibility-Matrix-P1-D-0



Appointing Party High Level Responsibility Matrix

(This document is adapted from and acknowledges the RIBA Plan of Work Template 2022)		Stage (ii a) Design			Stage (ii b) Design			Stage (ii c) Detailed Design			Stage (iv) Construction				Stage (v) Handover			
Aspect of design		Design team			Design team			Design team			Contractor				Contractor			
Classification	Title	Design responsibility	Level of detail (LOD)	Level of information (LOI)	Design responsibility	Level of detail (LOD)	Level of information (LOI)	Design responsibility	Level of detail (LOD)	Level of information (LOI)	Design responsibility	Maintainable Asset (COBie)	Level of detail (LOD)	Level of information (LOI)	Design responsibility	Maintainable Asset (COBie)	Level of detail (LOD)	Level of information (LOI)
EF_15 - Earthworks and remediation																		
EF_15_10	Groundworks and earthworks	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	2	6
EF_15_30	Remediation, repair and renovation	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	[Not required]	[Not required]	No	5	6
EF_20 - Structural elements																		
EF_20_05_30	Foundations	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_20_10_15	Composite structures	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_20_10_30	Framed structures	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_20_10_50	Membrane structures	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_20_10_75	Shell structures	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_20_10_80	Solid structures	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_25 - Wall and barrier elements																		
EF_25_10	Walls	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_25_30	Doors and windows	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	Yes	5	6	Main Contractor	Yes	5	6
EF_25_55	Barriers	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	Yes	5	6	Main Contractor	Yes	5	6
EF_30 - Roofs, floor and paving elements																		
EF_30_10	Roofs	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_30_20	Floors	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_30_25	Ceilings and soffits	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_30_30	Decks	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_30_60_60	Pedestrian paving	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	No	5	6	Subcontractor	No	5	6
EF_30_60_95	Vehicular paving	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	No	5	6	Subcontractor	No	5	6
EF_35 - Stairs and ramps																		
EF_35_10_30	External stairs	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_35_10_40	Internal stairs	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_35_20_30	External ramps	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_35_20_40	Internal ramps	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	No	5	6	Main Contractor	No	5	6
EF_37 - Tunnel, vessel and tower elements																		
EF_37_16_90	Trenches	SPDT	2	2	SPDT	3	2	SPDT	3	2	[Not required]	No	5	6	[Not required]	No	5	6
EF_37_16_94	Vessels	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_37_17_15	Chimneys	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_37_17_35	Gantries	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_37_17_50	Masts	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_37_17_70	Pylons	SPDT	2	2	SPDT	3	2	SPDT	3	2	[Not required]	Yes	5	6	[Not required]	No	5	6
EF_37_17_90	Towers	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_37_50	Tunnels and shafts	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_40 - Signage, fittings, furnishings and equipment																		
EF_40_10	Signage	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	Yes	5	6	Main Contractor	Yes	5	6
EF_40_20	Fittings	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	Yes	5	6	Main Contractor	Yes	5	6
EF_40_30	Furnishings	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_40_40	Equipment	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_45 - Flora and fauna elements																		
EF_45_03	Aquatic fauna elements	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_45_05	Aquatic flora elements	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_45_20	Grass and meadow elements	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	Yes	5	6	Main Contractor	Yes	5	6
EF_45_45	Land fauna elements	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_45_90	Tree, shrub and herbaceous plant elements	SPDT	2	2	SPDT	3	2	SPDT	3	2	Main Contractor	Yes	5	6	Main Contractor	Yes	5	6
EF_50 - Waste disposal functions																		
EF_50_10	Gas waste collection	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_50_20	Wet waste collection	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_50_30	Above-ground drainage collection	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_50_35	Below-ground drainage collection	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_50_40	Dry waste collection	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_50_50	Gas waste treatment and disposal	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_50_60	Wet waste treatment and disposal	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_50_70	Drainage treatment and disposal	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_50_75	Wastewater treatment and disposal	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_50_80	Dry waste treatment and disposal	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_55 - Piped supply functions																		
EF_55_05	Gas extraction and treatment	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_55_10	Liquid fuel extraction and treatment	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_55_15	Water extraction and treatment	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_55_20	Gas supply	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_55_30	Fire-extinguishing supply	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_55_40	Steam supply	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_55_50	Liquid fuel distribution supply	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_55_60	Process liquid supply	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_55_70	Water supply	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	4	3	Subcontractor	Yes	4	3
EF_55_90	Piped solids supply	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_60 - Heating, cooling and refrigeration functions																		
EF_60_30	Rail and paving heating	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_60_40	Space heating and cooling	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6

EF_60_60	Refrigeration	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_60_80	Drying	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_65 - Ventilation and air conditioning functions																		
EF_65_40	Ventilation	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_65_80	Air conditioning	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_70 - Electrical power and lighting functions																		
EF_70_10	Electrical power generation	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_70_30	Electricity distribution and transmission	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	No	5	6	Subcontractor	No	5	6
EF_70_80	Lighting	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_75 - Communications, security, safety and protection																		
EF_75_10	Communication	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_75_30	Signalling	SPDT	2	2	SPDT	3	2	SPDT	3	2	[Not required]	Yes	5	6	[Not required]	No	5	6
EF_75_40	Security	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_75_50	Safety and protection	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_75_60	Environmental safety	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_75_70	Control and management	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_75_80	Protection	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6
EF_80 - Transport functions																		
EF_80_20	Conveyors	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_80_30	Cranes and hoists	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
EF_80_50	Lifts	SPDT	2	2	SPDT	3	2	SPDT	3	2	Subcontractor	Yes	5	6	Subcontractor	Yes	5	6