

Keys and Monaghan architects					Inver College for CMETB refurbishment and alterations of science classroom			
					RISK ASSESSMENT			
ACTIVITY	HAZARD	S	L	RISK S x L	DESIGNERS COMMENTS	CONTRACTOR		
						Risk Asses	H&S File	
						Y/N	Y/N	

1	Working in a town environment	Interface with public traffic / Access & egress from site	2	2	4	The contractor should set out how he will manage traffic into, around and from the site. For agreement with all parties -prior to commencement of the works Contractor to provide a Site Security Plan for agreement prior to Commencement of the works, including fencing, signage, etc.- (see no 4)	Y	N
2	Site security	Visitors on site and adjacent property	1	2	2	The contractor must ensure that the public and pupils cannot stray into the site of the works at any time and must also ensure that all work personnel on site respect the nature of the site on which they are working. Unprofessionalism and carelessness will not be tolerated	Y	N
3	Working in a school	Access/presence of public and children	2	1	2	Work should be done when the school is not open to children.	Y	N
4	Traffic Systems surrounding the site	Obstructing flow on main road / road traffic accidents	1	2	2	The principal contractor should prepare a traffic management plan for the site, including surrounding areas, which must be in agreement with the school and the project design team. Other items for consideration are as follows: - Deliveries to site by large vehicles should be timed to avoid peak periods on the surrounding roads & car parks. Waiting of vehicles on external road network should be avoided through careful co-ordination of delivery times etc. - Pedestrian routes should be clearly defined and demarcated. Pedestrian crossing points at the main site entrance should allow good visibility of vehicles exiting the site.	Y	N
5	Working near services	Existing services Electricity & telecoms, both buried and over ground	2	3	6	Existing services are present on the site. The location of all existing underground and overhead services in the vicinity of the works shall be verified prior to commencement of the works and notified by the submission of coordinated service drawings. Services should be marked and noted by the contractor. Any information on services shall be taken as acting as information only. All	Y	Y

S – Severity: 1 Low; 2 Medium; 3 High **L – Likelihood** – 1 Unlikely; 2 Probable; 3 Definite

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		Sewers and Drains Water main.				services should be traced and located on site prior to works commencing. This should include hand excavation to visually locate critical services. All excavation should be carried out on the basis that unknown services are present until confirmed otherwise. Locations of overhead services should be clearly marked with suitable high visibility markers. The contractor should provide a method statement and risk assessment for works which are near or require alteration to existing underground or overground services		
6	Removals	Asbestos	2	1	2	If any asbestos is found, the Contractor shall notify the Employers Representative / PSDP / PSCS immediately.	Y	N
7	Excavation	Connection/collide with vital services	3	1	3	Site to be scanned before works commence (see 5 above)	Y	N
8	Construction	Fire	1	1	1	Contractor to provide Fire & Emergency Procedures, for agreement prior to commencement of the works particularly "hot works"		
9	Construction	Use of Machinery	2	1	2	Only certified experienced operatives are to operate plant and mechanical equipment saws etc on site. Suitable certificates must be included in the Health & Safety Plan for inspection for all plant users.		
10	Waste	Site waste management Dust and fumes	2	2	4	All site wastes accrued or produced by the demolition, construction and fit-out processes during the project duration are to be properly collected, segregated and disposed of to fully certified waste landfill sites or local council re-cycling facilities. Contractor to keep full records of all waste transfer notes between site and the relevant disposal point, as required under the 'Duty of Care' legislation for Republic of Ireland.	Y	Y
11	Manual Handling	Moving / lifting heavy objects / materials	1	1	1	Contractors shall take precautions to avoid the risk of manual handling injuries. Single person waist height lifts to be limited to 25kg for men and 16kg for women.	Y	N
12	Construction	Drilling	2	2	4	Minimisation of noise and vibration generated by drilling activities. NB Silica		

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13	Construction	Working in confined spaces	2	2	4	The contractor must ensure that suitable ventilation requirements are put in place. Dust and fume control	Y	N
14	Construction	Hazardous materials	2	2	4	Materials hazardous to health may be encountered in the Works and special precautions in handling will be required, these may include: Oil, Petrol, Diesel, Gas, Sewage, .Solvents. Bituminous materials.Silica Dust The Contractor should identify all such materials in his Construction Stage Safety & Health Plan and detail precautions to be used.	Y	Y
15	Services	Electrical services	2	2	4	Attention is drawn to the risks associated with unsafe disconnections methods especially in relation to hazardous energy. The PSCS will ensure that Electrical disconnections and reconnections are undertaken in accordance with ETCI National Rules for Electrical Installations	Y	Y
16	Connections	Utility providers				ESB, Eir or other services providers may require access to the site during the course of the contract for disconnections / reconnection works. The PSCS shall ensure safe access & safe working procedures		
						SAFETY LEGISLATION RELATING TO THE WORKS		
						The works are to be carried out in accordance with the following safety legislation Safety, Health and Welfare at Work Act 2005, (No. 10 of 2005). Safety, Health and Welfare at Work (General Application) Regulations, 2007 to 2016. Safety, Health and Welfare at Work (Construction) Regulations, 2013, (S.I. No.291 of 2013). Safety, Health and Welfare at Work (Exposure to Asbestos) Regulations 2006 (S.I.No. 386 of 2006). Safety, Health and Welfare at Work (Exposure to Asbestos) (Amendment) Regulations 2010 (S.I. No 589 of 2010). Safety Health and Welfare at Work (Construction) Regulations and Part 4 "Work at Height" of the Safety Health & Welfare at Work (General Application) Regulations 2007-2016 are adhered to.		