



Appendix 01 – Additional Information

Rarotonga Road Improvement Project, Arorangi

Contract No. CK171827

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1. SITE HAZARDS

As per Section 1.10 Site hazard list of the Request for Tender (RFT) An existing Site hazards list has been completed by ICI and is included below. This list shall not be considered a full and complete list of Site hazards and Tenderers are to inform themselves of the site hazards.

The list of known Site hazards includes:

- Vehicle and Pedestrian Traffic;
- Steep banks;
- Broken glass and other roadside debris;
- Underground and overhead services;
- Flooding or dangerous waterways;
- Working within semi-confined spaces (trenches);
- Working with heavy equipment and heavy materials;
- Working with machinery and power tools;
- Working with construction chemicals;
- Working with grouts, mortars, and concrete;
- Working with bitumen and roading materials;
- Hot works grinding, welding gas cutting;
- Dust
- Slips, trips and falls

The list above shall not be considered a full and complete list, and the Contractor shall add to this list.



2. MINIMUM REQUIREMENTS - WORKPLACE PPE

Work done to investigate, construct and maintain the road network carries inherent risks. All practical steps should be taken to ensure that all ICI employees, all suppliers (consultants, contractors, subcontractors) and all visitors are protected from hazards (through the use of controls that eliminate, isolate or minimise their exposure). Regardless Personal Protection Equipment (PPE) remains a necessary mitigation measure in most work types, and is designed to compliment other controls.

This table sets out the main situations, by exposure type, where the ICI requires PPE to be provided by employers and used by employees, suppliers and visitors.

Exposure Type	Activity/ Place of Work	Safety Eyewear	Safety Footwear	High Visibility Clothing	Safety Helmet	Gloves	Hearing Protection	Comments
1	On a construction / repair site on the road network	Carried			R/A	Carried and worn when manual handling	Available and used when working in close proximity to noisy equipment and in all underground environments.	Includes significant repair work that involves plant use eg re-sealing, rehabilitation, major drainage activities.
2	Simple maintenance activities on the road network	Carried			R/A	Carried and worn when handling cutting / grinding power tools and hazardous materials	Available and used when working in close proximity to noisy equipment.	Activities such as mowing, marker post cleaning, litter collection, etc.
3	In a vehicle or plant on a construction / repair site on the road network	Carried			Carried	Carried	Available and used when working in close proximity to noisy equipment and in all underground environments.	
4	Working outside a vehicle on the road network	-			R/A	R/A	R/A	This is for Inspection work only, not on a Construction or maintenance site. Includes private property and Crown land where construction of infrastructure is planned. For example during design of a new Greenfield site, if mobile plant (eg excavator) is present or if personnel are within 20m of fixed plant (eg drilling rig), then treat as a construction site.
5	Visitors to a construction site / community open days / Sod Turnings, Ribbon Cuttings, Site Blessings	R/A	R/A	R/A	R/A	R/A	R/A	Risks to be assessed depending on number of visitors and where they will be on site. It is not likely to be practical to require large numbers of people to wear PPE so all risks are mitigated by only allowing visitors access to areas where there are no hazards.



6	In a vehicle on the road network and in an office environment	-	-	-	-	-	-	This includes being outside vehicle for routine stops whilst travelling. Any inspection / physical work undertaken is covered by exposure types 3 & 4. Includes in the site office, public meeting venues, private (landowners) residence etc.
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Key:

- = PPE Requirement.
- = No PPE requirement.
- Carried = PPE required to be readily available at all times and used where appropriate.
- R/A = Risk Assessment to be completed

Note:

1. These minimum requirements apply to all staff, suppliers and visitors when they are on official work related duties.
2. Other types of PPE may be required in certain circumstances in addition e.g. waterproofs, restraint harnesses, safety gumboots, sun shade cover for Safety helmet, dust masks, respirators etc.
3. These minimum requirements may be exceeded by the requirements of a particular company, place of work or activity.

	Safety Eyewear	Safety Footwear	High Visibility Clothing	Safety Helmet	Gloves	Hearing Protection
Definition of particular PPE requirement	Impact resistance eyewear, tinted if required. Not required when operating plant with closed operator enclosure. Full face shields to be considered for certain activities.	Ankle length lace-up with steel toe, sole and heel, to comply with appropriate standard. Plant operators may use slip on boots to allow ankle flexibility.	Complying with COPTTM. Consideration should be given to use of 3 part pull apart vests to reduce snagging hazard	Complying to appropriate standard, with provision for sun protection as necessary	Suitable for specific operation	Earplugs or ear muffs in accordance with industry standards
Risks that PPE will partially or wholly mitigate	Physical injury to eye; dust; dazzle causing internal eye injury or failure to see hazards.	Physical Injury through slips, trips, falls; falling materials.	Injury from moving Plant / vehicles.	Injury from falling objects /moving plant /protruding hazards	Physical injury from sharp or heavy objects. Loss of grip causing fall.	Long term hearing loss



3. ADDITIONAL INFORMATION

Refer to the attached general additional information.

