

ANNEXURE D

TASK ORIENTATED RISKS

RATING	TASK/SITUATION	PERSONAL PROTECTIVE EQUIPMENT	RISK TO SAFETY	RISK TO HEALTH	PREVENTATIVE ACTION	RISK TO ENVIRONMENT
High	Work in trenches and excavations	Safe footwear	Trench collapses, engulfment, sprains		Trench walls to be safely battered to natural angle of repose or properly shored	Excavated material to be disposed of in accordance with approved method
Low	Concrete Work (foundations)	Overalls, hard hats, safety shoes, aprons, goggles	Caving in of unshored sides Personnel & equipment falling in	Chemical reaction in wet cement causes Dermatitis	Barrier creams should be made available to personnel	Spillages into ground water
Medium	Brick work (General)	Overalls, hard hats, safety shoes, gloves		Twisting and straining of back muscles while lifting blocks	Training in manual handling Use of lifting equipment	
Medium	Cement and Concrete Mixing	Overalls, hard hats, safety shoes, gloves, ear muffs		Ingestion, Inhalation of Cement Contact with skin may cause Dermatitis		Training, correct use of PPE Barrier creams
High	Handling of Cable Drums	Overalls, hard hats, safe shoes, gloves	Dropping or falling of drums, rolling in wrong direction	Severe injury or death	Training and supervision by experienced supervisor	

TASK ORIENTATED RISKS (Continued)

High	Ladder Usage	Hard hats, safety shoes	Falls		Training, pre-use checks, monthly inspections, correct length for task, secure at top and bottom, skidpads on ladder, use both hands to climb	
High	Falls (on the ground)	Hard hats, safety Shoes	Injuries and bruises		Training, good house keeping	
High	Electrical Installations	Overalls, hard hats, safety shoes, gloves etc.	Exposed switches and wires Cables lying in pools of water Un-insulated cables and wires		Tidy up all wires and cover Suspend all cable above ground Regular inspections and maintenance	
Medium	Load & Unload by Hand	Gloves	Back and hand injuries		Training, clear task communication	

EQUIPMENT RISKS

RATING	TASK/SITUATION	PERSONAL PROTECTIVE EQUIPMENT	RISK TO SAFETY	RISK TO HEALTH	PREVENTATIVE ACTION	RISK TO ENVIRONMENT
Medium	Electric Drill	Overalls, hard hats, safety shoes	Eye injuries, general injuries, electrical shocks		Training, only competent user, pre-use check, monthly inspections, work piece secure	
High	Angle Grinder	Overalls, hard hats, safety shoes, goggles	Electrical shocks, severe injuries		Training, only competent user, pre-use check, monthly inspections, work piece secure	
Medium	Extension Leads	Hard hats, safe shoes, goggles	Electrical shocks, trips and falls		Training, pre-use inspection, maintain	
High	Hand Tools	Overalls, hard hats, safety shoes, goggles, aprons	Cuts, bruises		Training, use correct tool for the task, sharpen tools, inspections	
High	Driving Vehicles		Accidents Passengers Un roadworthy vehicle Driver Road and weather conditions Other road users		Licensed drivers only, obey rules Seated not leaning on opening sides Inspections of vehicle Fit to drive, sober Reduce speed, be alert Be aware, be alert	

PHYSICAL RISKS

RATING	TASK/SITUATION	PERSONAL PROTECTIVE EQUIPMENT	RISK TO SAFETY	RISK TO HEALTH	PREVENTATIVE ACTION	RISK TO ENVIRONMENT
Medium	Noise (General Machinery)	Ear plugs, ear muffs		Noise induced hearing loss	Training of personnel Designate noise areas	Noise pollution
Medium	Vibration (General Machinery)	Ear plugs, ear muffs, gloves		May result in kidney complications	Training, rest breaks	
Medium	Bad Lighting		Injuries, falls, death		Adequate lighting Emergency lighting	
High	Fire Prevention	Overalls, hard hats, safety shoes, aprons	Combustible refuse: paper & plastics Flammable liquids: petrol, diesel, etc Electrical equipment		Training, housekeeping, segregated storage of materials	

ERGONOMIC RISKS

RATING	TASK/SITUATION	PERSONAL PROTECTIVE EQUIPMENT	RISK TO SAFETY	RISK TO HEALTH	PREVENTATIVE ACTION	RISK TO ENVIRONMENT
Medium	Visual Workplace		Falls from heights Materials falling from heights Tripping over materials		Housekeeping	Noise pollution
Medium	Awkward Postures		Back injuries, etc.	Health complication from unnatural postures	Sufficient access to areas	
High	Heavy Manual Lifting		Back injuries, etc		Training in SWP's Use of lifting equipment	

ACKNOWLEDGEMENT OF RECEIPT

CONTRACT NO.: PSJLM-ENG-2022/23 - 02
CONSTRUCTION OF QAQA TO MALONGWANA ACCESS ROAD

I, _____
representing _____

Contractor

have satisfied myself with the content of the Health and Safety Specification and shall ensure that the Contractor and his personnel comply with all obligations / requirements in respect thereof.

Signature of Contractor

Date

Signature of Client/Client's Agent

Date

Comments:

ANNEXURE F

CONTRACTOR'S MONTHLY INCIDENT / ACCIDENT STATISTICAL REPORT

PROJECT	: CONTRACT NO.: PSJLM-ENG-2022/23 - 02
	CONSTRUCTION OF QAQA TO MALONGWANA ACCESS ROAD
CONTRACTOR	:

MONTH												
A) INJURY TYPES												
1. Fatal incidents												
2. Disabling Incidents												
3. Medical Incidents												
4. First Aid Incidents												
B) INCIDENT TYPES												
1. Vehicle Incidents												
2. Environmental Incidents												
3. Damage to Property Incidents												
4. Public Incidents												
5. Electrical Contract Incidents												
6. Near-Miss Incidents												

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Part C4: Site information

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C4.1 Site information

A topographical level survey of the site was undertaken and its information is contained on the Tender Drawings supplied with this document.

The material encountered in the area of the proposed road is dominated by slightly moist, dark-brown, stiff, micro-shattered, silty sand with residual dolerite in other sections.

The above paragraph is only given as a guideline and prospective Tenderers shall also acquaint themselves with the nature of ground and subsoil conditions.

Tenderers are expected to make their own assessment of the site, site access, geotechnical conditions, services etc before submitting tenders. No claims for extension of time or additional compensation of any kind will be entertained if it is found (in the opinion of the Engineer) that such claims are the result of a lack of knowledge of the site conditions where such conditions could and would have been reasonably foreseen by a suitably qualified and competent person carrying out an investigation of the site.

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C4.2 Tender Drawings