



**CLIENT
BASELINE RISK ASSESSMENT
FOR THE SUPPLY AND INSTALL OF AIR
CONDITIONING AND RELATED WORK
AT THE GEORGE CIVIC CENTRE**

23 July 2024.


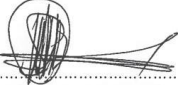
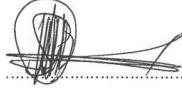
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DOCUMENT CONTROL SHEET

PROJECT NAME : Supply and Install of air conditioning and related work at the George Civic Centre.
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SIGNING OF THE ORIGINAL DOCUMENT

We, the undersigned, accept this document as a stable work product to be placed under formal change control as described in our internal Procedure for Controlled Documents.

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CLIENT: GEORGE MUNICIPALITY

DOCUMENT NAME: CLIENT BASELINE RISK ASSESSMENT

PROJECT NAME: SUPPLY AND INSTALL OF AIR CONDITIONING AND RELATED WORK AT THE GEORGE CIVIC CENTRE

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CLIENT BASELINE RISK ASSESSMENT

1. Introduction:

This project entails the supply and install of aircons at the George Civic Centre.

2. Risk Profile

The risk profile is identifying the key areas of risk exposure that the client is highlighting to be considered by the respective contractors as part of the construction of the infrastructure:

- Exposure to known and unknown services
- Public risk exposures
- Operational buildings
- Dust exposures and nuisance
- Noise exposures and nuisance
- Vibration exposure
- Manual handling & related ergonomic stressors
- Working at heights
- Temporary works exposures
- Lifting and lowering operations
- Grinding and cutting operations
- Handling and storage of chemicals
- Fire risk exposure
- Stacking and racking exposure

3. Baseline Risk Assessment:

The risks identified in this assessment relates to the client's duties, the principal contractor and all other contractors appointed on this project will be required to develop a details baseline risk assessment on the risk exposures experienced on site and relevant to the project scope of works.

No	Processes or Conditions	Potential Hazards	Risk
1.	Known/unknown services for water, electricity	Electrocution, water leaks	Shock, burns, illness as a result of sewer exposure
2.	Poor management of social -economic risks	Exposure to crime on site	Injuries, damages and theft
3.	Access and transport on and to works areas	Unsafe Transportation, lack of adequate traffic control and road worthiness of vehicles.	Motor vehicle accident and fatalities. Personal injuries of non-construction workers due easy unauthorized access.
4.	Public Health and Safety	Lack of construction work signage and supervision, construction material causing obstruction, obstructing path and walkways, unsafe site conditions,	Lacerations, fractures, accidents
5.	Off-loading equipment, machinery, materials	Manual rigging and crane operations- rigging- movement of equipment	Falling and moving objects or machinery Ergonomic strain, crush, death
6.	Stacking & Storage	Moving storage or stacks picking off stacks	Falling objects or machinery- crush injuries
7.	Dust exposure	Construction activities generating dust	Respiratory irritation- silica induced illness, poor visibility on site Public compliant
8.	Noise exposure	Construction activities generating noise, pumps generating noise	Noise induce hearing loss
9.	Whole Body and hand vibration	Mobile plant operations, using vibrating electrical or mechanical equipment	Whole body Vibration back and muscular strain
10	Waste management	Waste accumulation, risk of fire, pollution, unauthorized dumping	Construction rubble polluting, illegal dumping
11	General construction work with hand tools and portable electrical equipment	Hand tools- small portable electrical tools- manual handling- sharp articles –electricity	Hand-, eye injuries, crush injuries, noise exposure, dust exposure –ergonomic strain –electrical shock -fire

No	Processes or Conditions	Potential Hazards	Risk
12	High risk dangerous work	Work with and amongst construction machinery Working inside exactions, heights work: ladder, scaffold, roof works	Lacerations, fractures, caught in machine; Local effects (skin, eye, respiratory), falls, death
13	Mobile plant operations	Mobile plant and truck movement	Accidents
14	Handling of heavy objects	Unsafe lifting articles and placement of equipment	Serious injuries and amputations
15	Working at heights	Ergonomic hazards Collapse	Strains Serious injuries- multiple persons- fatality
16	Electrical work	Unsafe electrical exposure	Electrocution, fatality, damage to property due to fire
17	Use of ladder	Collapsing –fall -drop	Severe injury- fatality
18	Hot works	Sparks, heat, fire and smoldering	Eye-, skin injury, arc eye, burns, fire
19	Use of chemical substances	Cement-dust, diesel, Paint	HCS-specific illness
20	Manual lifting and rigging	Ergonomic stress Unsafe rigging equipment, unsafe rigging methodology	Back and other muscular injury or disease Crane collapse, falling equipment's, serious injuries and fatalities
21	Waste management	Waste accumulation	Construction rubble polluting, illegal dumping, stealing, crime

