

## **Annexures**

The detailed Environmental Management Plan to be implemented on site

<b>Potential impacts</b>	<b>Proposed Mitigation Measures</b>	<b>Impact rating when mitigated</b>	<b>Responsible party</b>	<b>Monitoring timeframe</b>
<p><b>1. Noise and Air Quality concerns</b> (Expected sources of noise pollution include vehicles and machinery. Air pollution is anticipated to arise from exhaust from engines)</p>	<ul style="list-style-type: none"> <li>-Sprinkling water to dusty areas during site preparation and operations</li> <li>-Containment of noisy operations, including locating noise operations away from sensitive neighbourhoods</li> <li>-Limit rehabilitation works to daytime only</li> <li>-Selection of appropriate machinery and regular servicing of machinery and vehicles.</li> <li>-Provision by contractor and use of mouth masks and earmuffs by the casual workers.</li> </ul>	Low	Contractor	Daily, for the duration of the rehabilitation works.
<p><b>2. Soil Erosion</b> (heavy machinery movement will expose topsoil to possible soil erosion).</p>	<ul style="list-style-type: none"> <li>-Loose soils to be used to fill back excavated/disturbed areas.</li> <li>-Loose soils to be compacted with a mechanical roller so as to avoid erosion by wind or surface runoff.</li> </ul>	Low	Contractor	Once off after completion of rehabilitation of the main water pipe and installation of the solar plant.
<p><b>3. Increased water demand</b></p>	<ul style="list-style-type: none"> <li>- Use high water efficient irrigation system</li> <li>- Monitor water extraction from the fountain.</li> </ul>	Low	Contractor/Proponent (EIF)	The contractor and IREMA PMU will monitor the quantities of water used

				for irrigation daily, throughout the duration of the IREMA project.
<p><b>4. Health and Safety Risks</b>  (Risk of accident incidents is anticipated with the rehabilitation activities. Workers will be in direct contact with machinery and equipment Health, safety and security are important aspects throughout the project implementation).</p>	<ul style="list-style-type: none"> <li>-Design and implement safety measures and emergency plans to contain accident risks,</li> <li>-Regular Training on health and safety to workers shall be conducted,</li> <li>-Provide workers with protective clothing (nose and mouth masks, earmuffs, overalls, safety boots and gloves and helmets)</li> <li>-Avail first aid kits on site</li> </ul>	Low	Contactor/Proponent (EIF)	Daily, for the duration of the rehabilitation works.