



Ref No. FWP/2291/10 Tu

Date. 04/08/2021

Name of Sub- Project
Installation of Prefab Washrooms in Kaghan Valley
Contractor Environmental and Social Management Plan (CESMP)
Construction Phase E&S Aspects

Topic	Mitigation, Management and Enhancement Measures	Means of Verification	Responsibility	Monitoring Procedure
Sources of Materials	1. Materials available in the open market. The contractor will procure from local stock store.	1. Stock Register	Contractor	1. Check the register
Air Quality	1. The contractor shall not allow those vehicles create black smoke. 2. Contractor shall spray water on the dusty areas immediately. 3. Contractor shall not use generator which create black smoke 4. Contractor shall cover loose material when transported by trucks; and fit all heavy equipment and machinery with air pollution control devices which are operating correctly.	1. Visual check 2. Register 3. Visual Check 4. Visual Check	Contractor	1. Random site inspection 2. Check register 3. Random site inspection 4. Random site inspection 5. Random site inspection
Surface water quality	1. Avoid stockpiling of earth fill especially during the monsoon season unless covered by plastic sheets. 2. If waste will be disposed, consult with concerned department on designated disposal areas. 3. Install temporary silt traps or sedimentation basins along the drainage leading to the water bodies 4. Place storage areas for fuels and lubricants away from any drainage leading to water bodies. 5. Dispose any wastes generated by construction activities in designated sites	1. Visual check during rain 2. Shall coordinate with GDA. 3. Temporary septic tank 4. Location of storage area 5. Visual check	Contractor	1. Random site inspection.
Water Supply	1. Govt./ KgDA water supply resources will be used.	1. For Washroom used.	Contractor	1. Record in record register.
Washroom and Sewerage system improvements	1. Sewerage system shall improve utilizing best engineering practices according to the location, and downstream communities. 2. Soakage pit shall be away from the drinking water source.	1. O&M document prepared. 2. Visual check	Contractor	1. Random site inspection. 2. Soakage pit is away from drinking water source.
Noise Levels	1. Don't allow to enter the site, noise creating trucks for transportation of materials. 2. Don't allow generator which create noise.	1. Visual check 2. Visual check	Contractor	1. Random site inspection. 2. Random site inspection.





FRONTIER WORKS PROMOTORS

ISO 9001:2015

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	<ol style="list-style-type: none"> During drilling, noise reduction equipment's such as ear plug shall provide to the labor/professional workers. Minimize noise from construction equipment by using vehicle silencers, fitting jackhammers with noise-reducing mufflers, and portable street barriers to reduce the sound impact to surrounding PCR. 	<ol style="list-style-type: none"> Visual check Visual check 		<ol style="list-style-type: none"> Random site inspection. Random site inspection.
Landscape and Aesthetics	<ol style="list-style-type: none"> Solid waste shall dispose in waste bin. Prepare and implement Waste Management Plan Avoid stockpiling of excess excavated soils Sale the oil and lubricants to third party. 	<ol style="list-style-type: none"> Waste Bin available Waste management plan for the construction activities Visual check Sale register 	Contractor	<ol style="list-style-type: none"> Random site inspection. Check waste management plan Random site inspection Random site inspection
Accessibility to Project Site	<ol style="list-style-type: none"> Plan transportation routes for stock materials. Schedule transport and hauling activities during non-peak hours. Locate entry and exit points in areas where there is low potential for traffic congestion Keep the site free from all unnecessary obstructions Coordinate with Traffic Police for temporary road diversions Notify affected person from vehicles by providing sign boards informing nature and duration of construction works and contact numbers for concerns/complaints. Distribute GRM awareness leaflets to the local residents Maintain GRM register on site. 	<ol style="list-style-type: none"> Transportation Plan Visual check Visual check GRM Register Coordination record. Contractor register GRM Pamphlet distributed. GRM register 	Contractor	<ol style="list-style-type: none"> Check the transportation plan. Random site inspection Random site inspection Review of GRM register. Check the coordination record. Check contractor register. GRM Pamphlet Review of GRM register.
Socio-Economic Employment	<ol style="list-style-type: none"> Employ local persons within the 2-km immediate area if manpower is available; and Procure construction materials from local market. 	<ol style="list-style-type: none"> Daily attendance register 	Contractor	<ol style="list-style-type: none"> Random site inspection.



Factory: Opp: Mall Mandi Ittifaq Flour Mill, Jogian G.T Road, Peshawar.

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Civil and mechanical engineers, Govt, Contractor
Steel Structure, Furniture, Body Fabricator, Importers & Exporters, of All Kinds of Concerns



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Occupational Health and Safety	<ol style="list-style-type: none"> 1. Develop and implement site-specific Health and Safety (H&S) Plan 2. Ensuring all workers are provided with and use Personal Protective Equipment like helmet, safety shoes, gloves, nose mask and ear plugs 3. H&S Training for all site personnel 4. Documentation of work- related accidents 5. Ensure that qualified first-aid box can be provided at all times. 6. Provide supplies of potable drinking water to workers 7. Provide clean eating areas where workers are not exposed to hazardous or noxious substances 8. Provide H&S orientation training to all new workers to ensure that they are apprised of the basic site rules of work at the site personal protective protection, and preventing injuring to fellow workers 9. Mark and provide sign boards for hazardous areas such as energized electrical devices and lines 10. Signage shall be in accordance with national standards and be well known to, and easily understood by workers, visitors, and the general public. 	<ol style="list-style-type: none"> 1. Site specific health and safety plan. 2. PPEs available on site 3. Training performed and recorded. 4. Accidents recorded 5. First Aid available 6. Drinking water available for worker 7. visual 8. Training performed for new comers and recorded. 9. Signage for dangerous spot. 10. Language is Urdu and English 	Contractor	<ol style="list-style-type: none"> 1. Random site inspection.
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Social and Cultural Resources	<ol style="list-style-type: none">1. Follow the protocol for chance finds in any excavation work.2. Provide training to the workers on this topic.	<ol style="list-style-type: none">1. Records/ immediately inform DOAM.2. Training record	Contractor	<ol style="list-style-type: none">1. Random site inspection.
Labor rights	<ol style="list-style-type: none">1. Ensure that workers have access to and aware about GRM	<ol style="list-style-type: none">1. GRM pamphlet distributed.	Contractor	<ol style="list-style-type: none">1. Review of GRM register
Flora and Fauna Site clearance vegetation removal	<ol style="list-style-type: none">1. Limit vegetation clearance within the boundary.	<ol style="list-style-type: none">1. Vegetation clearing minimal, no mature tree cleared	Contractor	<ol style="list-style-type: none">1. Random site visit.
Stakeholder engagement and GRM	<ol style="list-style-type: none">1. Ensure regular consultation with local communities regarding the sub project, initiate GRM to allow affected individual concern.	<ol style="list-style-type: none">1. Minutes of the meetings on GRM, attendance of communities.	Contractor	<ol style="list-style-type: none">1. Review of GRM



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