

Annex 3 - Sub-project Simplified ESMP

Following the screening process, and the identification of negative, medium and high risks and impacts for a sub-project, implementers will fill out the below simplified ESMP for the specific sub-project. **This ESMP only needs to be completed in the case of medium and high risks and impacts per the screening form.**

Date: 16/Sep/2024							
Project ID / Title: KDR/DIS#8/SP02 Construction of Gilan Plum Concrete surface street with total length 410 m Gozar#1, District#8, Kandahar City.							
Name of village / district / municipality / province: Gozar# 1, PD# 08, Kandahar							
CDC ID code if applicable: (24-2401-U0176, 24-2401-U0178, 24-2401-U0179, 24-2401-U0180)							
Name of engineer filling in ESMP: Sediqullah Kakar							
Estimated Start Date of Subproject:				Estimated End Date of Subproject:			
No.	Risk/Impact	Description of Mitigation Measures	Monitoring Methods / Indicators	Monitoring Frequency	Monitoring results	Corrective actions required	Person responsible
1	Air pollution	<ul style="list-style-type: none"> - Suppress dust during construction by water spraying and dampening where necessary - Practice good general housekeeping at the work site; sweep off the drilled-out materials - Implement speed limit for the heavy machinery - Cover trucks carrying soil and sand to the project site or while transporting excavated material out from the project site with tarpaulin sheets in order to prevent dust pollution. - regular cleaning the sites, particularly after completing the sub-project the site must be clean and construction debris shall be transported to delineated disposal sites. - Keep involved machinery well maintained to prevent emissions and leakages. 	<ul style="list-style-type: none"> - Evidence that spraying of water is conducted - # of trucks that are covered with tarpaulin - Site inspection & Reports 	Monthly			<p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team</p>

2	Noise pollution	<ul style="list-style-type: none"> - Provide proper ear covers to the workforce who are involved in the noisy activities, particularly for concrete mixer and compactor operators. - Community awareness, i.e., public notification of construction operations will incorporate noise considerations; methods to handle complaints will be specified. - Construction activities shall be scheduled for day time, no night shifts are allowed as per the location of the project. 	<ul style="list-style-type: none"> - Evidence equipment covers - Site inspection & Reports 	Monthly	0		<p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team</p>
3	Cutting of hill slopes and earth removal from borrow areas	<ul style="list-style-type: none"> - Proper restoration of borrow areas, excavated soil and construction debris to avoid impacts. - Identify and demarcate locations for material storage and ensure that borrow pits are >50 meters away from critical areas such as steep slopes, erosion-prone soils, and areas that drain directly into sensitive water bodies. - Limit extraction of material in authorized and demarcated borrow pits. - Regular coordination with authorized persons assigned by property owners. 	<ul style="list-style-type: none"> - Site inspection & Reports 	Monthly	0		<p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team</p>
4	Solid or liquid wastes that cause potential contamination of surface water and groundwater supplies	<ul style="list-style-type: none"> - Train workers on how to collect and manage daily wastes and instruct workers to clean the sites before they leave. - Identify and delineate disposal areas that clearly indicate the specific materials that can be deposited in them. - Machinery and equipment shall be maintained in good working condition and shall be regularly inspected for leaks. - Control all construction waste (including cuttings) generated by the sub-project and dispose of it at approved disposal sites (> 300 m from rivers, lakes or wetlands). - Establish and enforce daily cleaning procedures, including maintenance of facilities and proper disposal of construction waste. - Waste materials generated due to construction activities particularly lose material of canal must be managed and disposed to avoid any environmental adverse impact including water and air pollution. 	<ul style="list-style-type: none"> - Evidence of waste bin - Identification of disposal area - Site inspection & Reports 	Weekly	0		<p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team</p>

5	The excavation & quarry operation effect the environment	<ul style="list-style-type: none"> - Identify designated areas for solid waste disposal and the contractor shall coordinate this with municipal authority within the project area of influence. - Excavated loose material shall be directly transported outside the city to delineated locations and must be dumped - The contractor shall rehabilitate the quarry and borrow pits. - Borrow pits should be selected at the specific place, where other entities and companies are using, the location must not affect any environmental parameters and public or private utilities. - Borrow pits and dumping areas will be located out of agricultural areas to eliminate or reduce the potential impact to economically valuable land. - For using sites temporarily, written agreements shall be taken from landowners and sites must be restored to a level acceptable to the owner within a fixed time. - Where possible located on government lands. - Quarry shall not be done near surface water. 	- Site inspection & Reports	Monthly	0		<p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team</p>
6	Vulnerable people being excluded from project benefits	<ul style="list-style-type: none"> - Implement and monitor Project GRM (UNOPS) - All types of workers can apply for the Project GRM at any time, where grievances can be filed directly with the IP or the PIU (in cases where they concern an IP or contractor). - Implement labor management procedures (contractor) - Conduct induction training/ Toolbox talk for contractor CDCs. - Ensure grievance uptake channels are available at the project site. 	<ul style="list-style-type: none"> - GRM cases addressed - Labor screening list - Site inspection & Reports 	Monthly	0		<p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team</p>

7	Risk of work-related accidents	<ul style="list-style-type: none"> - The equipment used in the works should be routinely serviced to ensure proper and safe equipment functionality. - Use of safety signage (caution tape & sign boards) to warn contractor workers and visitors to the site. - Provision of adequate signage and communication of risk to workers and communities. - Implement the traffic management plan (restrict project site by using caution tape, install/locate sign boards written in local language and consider proper alternative ways for pedestrians, assign a flag man to manage traffic well). - Provision of emergency response plan with important contact details. - Conduct induction training/ Toolbox talk for contractor personnel, visitors, CDCs ... etc. 	<ul style="list-style-type: none"> - Accidents/incident's logs - Lost time incidents/near miss incidents recorded. - Training provided on OHS - Site inspection & Reports 	Monthly	0		<p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team</p>
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8	Concrete Mixer Machine related risk and accident	<p>Concrete mixer machines have always been a possible vehicle for accidents. A body part may get caught between the rotating mixing drum or axels of the machine. Hence it is necessary to follow the following practices when you carry out concrete mixing work with a concrete mixer machine and sign this checklist:</p> <ul style="list-style-type: none"> - Locate the mixer on floated and ground level; block the wheels before starting up the machine. - Location away from traffic or where traffic is controlled; - Avoid use in confined spaces due to emission of exhaust gases; - Reduction in manual handling or positioning of cement bags close to the equipment; - Use restricted to trained operators only; - Hearing protection to reduce noise exposure. - Workers or operators have to keep their hands, clothing and tools away from the moving part of the mixer. - Never leave the running mixer unattended. - Disconnect the power or shut off the engine from the concrete mixer, before servicing, maintaining or cleaning, adjusting, and installing accessories or attachments. - Accidents normally occur during the cleaning of the mixing drum. Care should be taken while cleaning the drum. - Keep the working area clean and dry to prevent tripping and slipping. - Do not allow children to play on or around the Mixer. - Avoid overloading the mixing drum because too much weight can make the mixer unstable. - Clear away debris and obstructions that could cause the operator to trip and fall on or into the Mixer. - Breathing in cement dust can lead to lung problems, while contact with caustic wet mixed cement can cause skin irritation or skin burns. - Don't wear loose clothing that could get caught up in the mixer. - Do not attempt to clean out a cement mixer while it is operating; turn off the mixer before cleaning the machine. - Turn it off before adding any accessories and especially when refueling. - Do not move the Mixer while it is in use. - Never put your hands, clothing or bodies anywhere near or inside of the machine when it is running. 	<ul style="list-style-type: none"> - Accidents/incident's logs - Lost time incidents/near miss incidents recorded. - Training provided on OHS - Concrete Mixer Safety Inspection Checklist logs - Site inspection & Reports 	Daily while operating	0		<p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team</p>
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		<ul style="list-style-type: none"> - Anyone manning the machine should remove their jewelry before operating the machine. - Be sure to wear the obligatory personal protective equipment (PPE) at all times when handling concrete mixers. This includes protective eyewear, earplugs, footwear, clothing and gloves. This will prevent skin irritation, chemical burns, swelling, scratches or wounds from causing you pain. - Only people with professional skills or experience may handle Concrete Mixer. <p>During Refueling consider the following:</p> <ul style="list-style-type: none"> - Safe storage of petrol and control of ignition sources; - Stop the engine before refueling. If the engine is on while refueling, this could cause an explosion. - Do not refuel while hot. - Avoid spillage of fuel when refueling. - Ensure the fuel cap is properly secured after refueling. - Carry out visual checks for fuel leaks and repair before operation. - Keep flammables away from the engine. - Do not smoke while operating, servicing or refueling this machine. - Conduct induction training/ Toolbox talk for contractor personnel, visitors, CDCs ... etc. 					
9	Risk of child or forced labor	<ul style="list-style-type: none"> - Comply with the Labor management procedure. - Set a minimum age for all types of work (in compliance with national laws and ESS2) and document the age of workers upon hiring. - Conduct a track record search of the contractors at the bidding process (record of health and safety violations, fines, consult public documents related to workers' rights violations etc.) - Raise awareness of communities/suppliers to not engage in child labor. - Conduct induction training/ Toolbox talk for contractor personnel, visitors, CDCs ... etc. 	<ul style="list-style-type: none"> - #of violations (child, forced labor). - Verification & screening of labor list under age 18. - #of awareness campaigns. - Site inspection & Reports 	Monthly	0		<p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team</p>

10	Risk of GBV/SEA/SH for female project workers or beneficiaries	<ul style="list-style-type: none"> - Comply with the measures prescribed in the SEA Action Plan. - Sensitization/community awareness of project workers. - Implementation of a GRM to handle these types of complaints. - Each contractor to implement Code of Conduct for the workers with specific obligations with regards to SEA/SH. - Conduct GBV/SEA/HS awareness training for all involved stakeholders/parties. - The contractor shall attend a pre-bidding informative session on GBV prevention and response. - The contractor shall adhere to the proposed SEA/SH Action Plan activity implementation schedule and the monitoring plan to ensure effective feedback of monitoring information to project management is provided and that impact management can be implemented properly. - The contractor shall provide sufficient training to his own personnel to ensure that they are all aware of the specifications of the SEA/SH Action Plan, and are able to fulfill their expected roles and functions. - Conduct induction training/ Toolbox talk for contractor personnel about GBV, SEA/SH to prevent such incidents. 	<ul style="list-style-type: none"> - # of SEA/SH related complaints recorded - % of workers signed CoC. - # of SEA/SH awareness trainings. - GRM Records - Site inspection & Reports 	Monthly	0		<p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team, GBV Specialist</p>
11	Security risk for project workers and assets in the area	<ul style="list-style-type: none"> - UNOPS to follow UN security protocols for direct workers. - Provision of security risk assessments to NGOs and contractors. - NGOs and contractors to provide local security protocols and demonstrate availability to relevant security SOPs. - Conduct induction training/ Toolbox talk for contractor personnel, visitors, CDCs ... etc. 	<ul style="list-style-type: none"> - % of NGOs and contractors that provide local security plan - % of NGOs and contractors that has relevant SOPs in place. - Site inspection & Reports 	Monthly	0		<p>Implementation: Contractor</p> <p>Monitoring: UNOPS Safeguard Team, UNOPS Security team</p>

12	Worker health and safety risks (OHS) during construction	<ul style="list-style-type: none"> - The equipment used in the works should be routinely serviced to ensure proper and safe equipment functionality - Use of safety signage to warn contractor workers and visitors to worksites - Provision of adequate signage and communication of risk to workers and communities - Provision of first aid kits - Provision of PPE for all workers including but not limited to (gloves, shoes, helmets, visible vest, glasses, face mask, etc.) - Provision of temporary rest shelter, potable water. - Developing an emergency response plan contains important contact details. - Unpleasant smells and odore is anticipated during cleaning the canal and transporting lose material, thus, provision of face masks is mandatory as well as tall robber shores are also must be provided to the labor assigning for cleaning. 	<ul style="list-style-type: none"> - Existence of an accidents/ incident's logs - % of completion of a root/causes analysis following incidents - # of workers trained in OHS issues - Site inspection & Reports 	Monthly	0		- UNOPS PIU Safeguard Team
13	Traffic Disruption	<ul style="list-style-type: none"> - Mark safe access routes for pedestrians. - Maintain vehicle speeds of 20 mph or less within the work area at all times. - Maintain the provision of traffic signs (including paint, trestle, sign material, etc.), road marking, and separators to maintain pedestrian safety during construction. - Conduct safety training for construction workers before starting work. - Stop all work in cases of heavy rain or any other emergency. - Implement the traffic management plan (restrict project site by using caution tape, install/locate sign boards written in local language and consider proper alternative ways for pedestrians, assign a flag man to manage traffic well). 	<ul style="list-style-type: none"> - Evidence of traffic sign - Site inspection & Reports 	Monthly	0		Implementation: Contractor Monitoring: UNOPS Safeguard Team
14	Chance Find Procedures (In case of furtive discoveries of archaeological material)	<ul style="list-style-type: none"> - Stop work immediately upon discovery of any material with possible archaeological, historical, paleontological, or other cultural value, and one should announce the discoveries to Project Manager and notify relevant authorities. - Follow Chance Find Procedures 	Site inspection & Reports	Upon Discovery	0	0	Implementation: Contractor Monitoring: UNOPS Safeguard Team

15	UXO/ERW Risk	<p>The following mitigation measures are applicable to avoid adverse impacts of Mine/UXO in case of any discovery which is definitely more unlikely to happen.</p> <ul style="list-style-type: none"> - In case any non-explosive materials covered in the project site, project workers and the adjacent communities will be notified of the UXO. - Stop work immediately upon discovery of any explosive material in the project site and announce the discoveries to the Project Manager and notify relevant authorities. - Each public organization and individual owning structures in proximity of the work site will be notified of the existence of the explosive materials. - A danger zone will be created and ensured that all personnel, vehicles, and livestock are cleared from the zone. The UXO Protocol shall be in place and effective, in the event an UXO is discovered during the activities; - In the settlement area, necessary steps (it might be evacuation of the area) will be taken to avoid damage to the people and property - A danger red flag will be displayed prominently in all directions to the danger location. - Responsible agencies and persons (Chief of police/District Governor/Mine Clearance Agencies) should be contacted to remove, manage and transport explosive material. Case should be reported to the PIU within 24 hours. - Conduct induction training/ Toolbox talk for contractor personnel, visitors, CDCs about explosive materials and how to deal with them. 	Site inspection & Reports	Upon Discovery	0	0	<ul style="list-style-type: none"> - Implementation: Contractor - Monitoring: UNOPS Safeguard Team
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Prohibitions:

The following activities are prohibited on or near the subproject site:

- Cutting trees for any reason outside the approved construction area;
- Disturbance to any artifact with architectural or historical value; Fire building;
- The use of firearms (except by authorized security guards);
- Use of alcohol by workers; - Conduct induction training/ Toolbox talk for contractor personnel, visitors, CDCs ... etc.