

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: 20,08,2024 | | | | | | | |
|---|-----------------|--|--|---|--------------------|-----------------------------|---|
| Project ID / Title: MZR/DIS#5/SP04/Construction of Nahri Toop GA Street #2 Plum Concrete Road with total length of 790 m, in Gozar#03, District#05, Mazar-e-Sharif City. | | | | | | | |
| Name of village / district / municipality / province: District 5 of Balkh Province. | | | | | | | |
| CDC ID code if applicable: NA | | | | | | | |
| Name of engineer filling in ESMP: Rahimullah ATAL | | | | | | | |
| Start date of sub-project: 01,02,2025 | | | | End date of sub-project: 30,04, 2025 | | | |
| 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, sand and stone with tarpaulin sheets to dust spreading | <ul style="list-style-type: none"> - Evidence that spraying of water is conducted - # of trucks that are covered with tarpaulin - Site inspection & Reports | Monthly | | | Implementation: Contractor HSSE Officer Monitoring: UNOPS Safeguard Team |
| 2 | Noise pollution | <ul style="list-style-type: none"> - Try to minimize the use of noisy equipment. - Properly cover the noise producing equipment. - Provide proper ear covers to the workforce who are involved in the noisy activities. - Community awareness, i.e., public notification of construction operations will incorporate noise considerations; methods to handle complaints will be specified. | <ul style="list-style-type: none"> - Evidence equipment cover - Site inspection & Reports | Monthly | 0 | | Implementation: Contractor HSSE Officer Monitoring: UNOPS Safeguard Team |

| | | | | | | | |
|---|---|---|---|---------|---|--|--|
| 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. - Borrow pits management guidance is provided. | - 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"> - Ensure provision of waste bins on site. - Efficient use of materials. - Avoid and minimize waste production. - Train workers in waste management. - Waste must be treated or disposed of. - 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 must be managed to avoid any environmental adverse impact including water and air pollution. - All materials should be confined to government land. | <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. - Rehabilitation of quarries and borrow pits. - Borrow pits should be selected at the specific place, not sensitive area. - Borrow pits will be located out of agricultural areas to reduce the potential impact to economically valuable land. - Topsoil from borrow pit areas will be saved and reused in revegetating the pits if required. - Consultation with the local population should be held to determine if they would like the borrow pit to remain open. | - Site inspection & Reports | Monthly | 0 | | <p>Implementation: Contractor HSSE Officer</p> <p>Monitoring: UNOPS Safeguard Team</p> |

| | | | | | | | |
|---|--|--|--|---------|---|--|--|
| | | Where possible located on government lands. Quarry shall not be done near surface water. Regarding temporary sites, written agreements with local landowners for temporary use of the property will be required and sites must be restored to a level acceptable to the owner within a fixed time. | | | | | |
| 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. | <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"> - Ensure the work area is kept clean and free of debris. - Use barriers or guardrails to protect Workers being hit by tools, materials, or vehicles (e.g., construction machinery or passing traffic). - Use cones, barricades, and warning signs to delineate the construction zone. - Implement a traffic control plan to manage vehicle movement around the work area. - Implement lockout/tag out procedures during maintenance. - Conduct regular inspections of equipment to ensure it is in good working condition. - Maintain a safe distance from overhead power lines and mark their locations clearly. - The equipment used in the works should be routinely serviced to ensure proper and safe equipment functionality. - Require workers to wear high-visibility clothing. - Provide thorough training on the safe operation of all equipment and tools. - Use of safety signage to warn workers and visitors to the site. - Provision of adequate signage and communication of risk to workers and communities. - 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; - 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. | <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> |
|---|--------------------------------|--|---|---------|---|--|--|

| | | | | | | |
|--|---|--|--|--|--|--|
| | <ul style="list-style-type: none">- 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.- 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.- 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. | | | | | |
|--|---|--|--|--|--|--|

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| | | <ul style="list-style-type: none">- Do not smoke while operating, servicing or refueling this machine.- Conduct induction training/ Toolbox talk for contractor personnel, visitors, CDCs ... etc. | | | | | |
|--|--|---|--|--|--|--|--|

| | | | | | | | |
|---|--|---|--|-----------------------|---|--|--|
| 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:</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 refuelling. | <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> |
|---|--|---|--|-----------------------|---|--|--|

| | | | | | | | |
|---|-------------------------------|---|--|---------|---|--|--|
| | | <ul style="list-style-type: none"> - 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. - Anyone manning the machine should remove their jewellery 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 Refuelling consider the following:</p> <ul style="list-style-type: none"> - Safe storage of petrol and control of ignition sources; - Stop the engine before refuelling. If the engine is on while refuelling, this could cause an explosion. - Do not refuel while hot. - Avoid spillage of fuel when refuelling. - Ensure the fuel cap is properly secured after refuelling. - Carry out visual checks for fuel leaks and repair before operation. - Keep flammables away from the engine. - Do not smoke while operating, servicing or refuelling 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 section 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. - The contractor shall comply with all relevant national laws and regulations relating to gender equality and GBV. - Conduct induction training/ Toolbox talk for contractor personnel, visitors, CDCs ... etc. | <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"> - Conduct regular safety meetings to reinforce safe practices and discuss concerns. - Ensure all workers are equipped with appropriate PPE based on the identified risks (e.g., helmets, gloves, goggles). - Regularly inspect PPE for wear and replace as necessary. - Provide comprehensive safety training tailored to specific job tasks and hazards. - Ensure proper storage and labeling of hazardous materials. - Provide access to water and encourage hydration. - Use schedule work during cooler parts of the day when possible. appropriate respiratory protection (e.g., masks, respirators). - Assign a competent person to oversee safety compliance on-site. - Conducting thorough risk assessments to identify potential hazards and risks to human health and safety throughout the project lifecycle. - Implementing appropriate safety measures, such as providing personal protective equipment (PPE) to laborers, conducting regular safety training, and establishing emergency response procedures. - Implementing proper site management practices to minimize risks to laborers and the surrounding community, such as securing construction sites, controlling access to hazardous areas, and ensuring proper signage is in place. - Complying with relevant health and safety regulations and guidelines to ensure that all activities are conducted in a safe and responsible manner. - Monitoring and assessing potential impacts on human health and safety during construction and operation phases, and implementing corrective actions as needed. - Engaging with local communities and stakeholders to address any concerns related to human health and safety risks associated with the activity. | <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 |
|----|--|--|---|---------|---|--|----------------------------|

| | | | | | | | |
|----|--------------------|---|---|---------|---|--|---|
| | | <ul style="list-style-type: none"> - Developing a comprehensive health and safety plan that outlines strategies for mitigating risks and ensuring the well-being of laborers and the surrounding community. - Conducting regular inspections and audits to ensure that health and safety measures are being implemented effectively and continuously improved. - Conduct regular safety meetings to reinforce safe practices and discuss concerns. - Provide comprehensive safety training tailored to specific job tasks and hazards. - Assign a competent person to oversee safety compliance on-site. - 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. - Establish an emergency response plan that includes procedures for injuries, fires, or severe weather events. - Encourage regular medical check-ups and provide access to occupational health service. | | | | | |
| 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. | <ul style="list-style-type: none"> - Evidence of traffic sign - Site inspection & Reports | Monthly | 0 | | <p>Implementation: Contractor</p> <p>Monitoring: UNOPS Safeguard Team</p> |

| | | | | | | | |
|----|--|---|--|----------------|---|---|---|
| 14 | COVID 19 Infection Prevention and Control | <ul style="list-style-type: none"> - Dissemination of clear messages to the community and workers around social distancing, wearing of masks, high risk demographics, self-quarantine, and, when necessary, mandatory quarantine. - Provision of appropriate PPE for protection of workers in relation to infection control precautions, particularly facemask, gowns, gloves, handwashing soap and sanitizer. - Follow COVID 19 prevention/protection protocol. - Conduct induction training/ Toolbox talk for contractor personnel, visitors, CDCs ... etc. | <ul style="list-style-type: none"> - # of reported cases on sites - % of PPE used and social distancing among workers - Site inspection & Reports | Monthly | 0 | | <p>Implementation: Contractor</p> <p>Monitoring: UNOPS Safeguard Team</p> |
| 15 | 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 | <p>Implementation: Contractor</p> <p>Monitoring: UNOPS Safeguard Team</p> |

| | | | | | | | |
|----|--------------|---|---------------------------|----------------|---|---|--|
| 16 | UXO/ERW Riks | <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 explosives 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 |
|----|--------------|---|---------------------------|----------------|---|---|--|

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.