

**Public and Municipalities Renewable
Energy Project
(PUMREP)**

Yücekapı Municipality, Ağrı Province

700 kW SOLAR POWER PLANT PROJECT

**ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN
(ESMP) CHECKLIST¹**

March 2026

¹ This document is a translation of the Turkish version. If there are any inconsistencies between the two documents, the Turkish version shall prevail.

Document History

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Sub-Project Name	Yücekapı Municipality 700 kWe Solar Power Plant Project under the Public and Municipalities Renewable Energy Project (PUMREP)
Sub-Project Owner / Sub-Borrower	Ağrı Province - Eleşkirt District Yücekapı Municipality
Financial Intermediary	İller Bankası A.Ş. (İLBANK)
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Environmental and Social Management Plan (ESMP) Checklist

Section 1: General Sub-Project and Site Information

1.a) General	
Related İLBANK Project	Turkey Public and Municipal Renewable Energy Project (PUMREP)
Project Financing International Financial Institution (IFI)	World Bank
Project E-S Risk Classification according to the World Bank's E-S Framework (2018)	Moderate
Sub-Project Title	700 kW Solar (Photovoltaic) Power Plant (SPP)
Sub-Borrower Name	Yücekapı Municipality
Responsible İLBANK Regional Directorate (RD)	Erzurum Regional Directorate
Sub-Project E&S Risk Classification According to İLBANK ESMS (2023)	Moderate
Sub-Project Location	Province: Ağrı District: Eleşkirt District, Yücekapı Municipality Neighborhood / Village: Şehit Engin Neighborhood Lot/Block No.: 122-16
Sub-Project and Scope of Activities	Technology (mono-crystalline Half Cut technology) Installed capacity: 981.76 kWp (Power) Grid connection capacity: 700 kWe Annual electricity production: 1,390,000 MWh/year Construction Period: 2 Months Operational Lifespan (Economic Life of the Facility): 30 Years Number of Construction Workers (maximum, including contractors and subcontractors): 10 Number of operational staff (maximum): 2 Planned accommodation: On-site (containers for offices; rental homes in the nearby area for accommodation) (Appendix 12)
Energy Transmission Line (ETL)	Grid connection: Will be established by connecting to the Yücekapı TM substation. Status of the substation: To be constructed Energy transmission line (ETL): 32 meters (Appendix 10) <ol style="list-style-type: none"> 1) No ETL construction will take place outside the site. The power plant will be connected to pole No. 12 at the edge of the existing site. 2) Technical details regarding the ETL are provided below: Substation: Yücekapı TM Route length: 32 meters Voltage level: 0.154 (kV) Number of ENH towers (poles): 1 Area per ENH tower: 10 m² Number of parcels subject to expropriation: None. Number of parcels subject to easement rights: (<i>easement rights</i>): None. Land acquisition status: Owned by the Municipality.
Access Roads	The sub-project site is located in Yücekapı Neighborhood, Eleşkirt District, Ağrı Province. The sub-project area is approximately 11,000 m ² of land located within parcel No. 122/16, which belongs to the Yücekapı Municipality. Access to the sub-project site is provided via existing asphalt village

	<p>roads. The land has not been designated as an environmentally sensitive area. No road improvements, widening, or similar work is required during land preparation or construction .</p> <p>Attachments: 1,2,3,4 and 19</p>
<p>Other related facilities</p> <p>Are there any other related facilities that are not funded as part of the Sub-Project but that (a) are directly and substantially related to the Sub-Project, (b) are being implemented or are planned to be implemented concurrently with the Sub-Project, <u>and</u> (c) are necessary for the Sub-Project to be feasible and would not be constructed, expanded, or implemented if the Sub-Project did not exist?</p>	<p>None.</p>
<p>Existing Permits</p>	<p>EIA Exemption Letter Non-Agricultural Land Letter Classification Determination Letter</p> <p>(Attachments: 1-2-3-4-5-6-7)</p>
<p>1.b) Site Description</p>	
<p>Sub-Project Area</p>	<p>The parcel has an area of 40,000 m², and 11,000 m² will be used for the sub-project area. Total registered area of the parcel: 40,000 m² Total Area to Be Used by the Sub-Project (Within the Fenced Area): 11,000 m² (Appendix 8-19)</p>
<p>Property Information</p>	<p>Yücekapı Municipality Purchased on 05/26/2021 through the sale by the Eleşkirt District Governor's Office National Real Estate Service Directorate, as presented in the attachment. (Attachments: 4-5-6-7)</p>
<p>Land Registry Type</p>	<p>Field, meadow, and raw land</p>
<p>Current Land Use</p>	<p>No, Vacant land</p>
<p>Nearby Facilities and Activities</p> <p>Are there any other industrial or commercial activities operated or planned by other public or private third parties near the Sub-Borrower itself or near the Sub-Project or its components/related facilities?</p>	<p>The surrounding areas consist partly of vacant land and partly of privately owned agricultural storage facilities.</p> <p>There is a sand quarry belonging to Yücekapı Municipality within the land. The municipality uses the sand quarry for its own needs. The sand quarry will not be negatively affected by the sub-project.</p>
<p>Area of Influence</p>	<p>Sub-project site or local Although there is a sand quarry near the sub-project, it has no negative impact on the solar power plant area; additionally, the nearest animal shelter is 350 m away. The area of influence is shown in Appendix 8 (Appendix 8)</p>

<p>Geographical and Physical Characteristics</p>	<ol style="list-style-type: none"> 1. Ağrı Province exhibits the continental climate characteristics of Eastern Anatolia; winters are long, very cold, and snowy; summers are short and relatively warm. According to the General Directorate of Meteorology's Provincial Seasonal Normals (1991–2020) statistics², monthly average temperatures in Ağrı drop below freezing in winter and can exceed 20°C in summer; additionally, sunshine duration increases significantly during the summer months. 2. There is an inactive water channel at the boundary of the sub-project area. Adjacent to the channel lies an old railway line (embankment) with an elevation difference of approximately 4 m. These artificial features will be taken into account regarding site organization and occupational safety and health (slope/fall risk, access, and determination of work area boundaries). The portable storage unit located within the site will be moved outside the site before construction activities begin. 3. The sub-project area generally has flat topography; however, the need for soil improvement may arise depending on the results of the geotechnical/soil investigation to be conducted by the contractor as part of the final design and construction methods. Should the need for soil improvement arise, the method to be applied (e.g., compaction, stabilized fill, geotextile, etc.) and the associated excavation/backfill volumes will be planned and implemented in accordance with the waste management and occupational health and safety measures specified in this EIA. 4. Dwarf trees and tree species such as poplars, as well as some dwarf plants, have been observed in the vicinity of the site and within the site. The PV plant layout will be planned to minimize shading effects and habitat loss. The following priority order will be applied for trees located in the area where panels will be installed: <ul style="list-style-type: none"> • If possible, preserve or relocate the tree, • If technically unavoidable, controlled cutting followed by compensatory planting of the same species (three saplings will be planted for every tree cut), 5. According to data from the Interactive Web Application of Turkey Earthquake Hazard Maps provided by AFAD, the PGA 475 value is 0.316 g. <p>Photos and information related to the subject are provided in the attachment.</p> <p>(Attachments: 15, 16, and 20)</p>
<p>Biodiversity and Ecosystem Characteristics</p>	<p>In the desk-based assessment conducted based on the coordinates of the sub-project area (39°44'28.6"N, 42°44'25.7"D) and field observations, a desk-based review was conducted to verify the sub-project area's status regarding national protected area designations (National Park, Nature Park, Natural Monument, Nature Conservation Area, Wildlife Development Area, etc.) using the records of the General Directorate of Nature Conservation and National Parks (DKMP) Protected Areas at³. Additionally, it was determined that the sub-project area is classified as Agricultural Land according to the Environmental Planning Decisions, and the relevant screenshot is provided in Appendix 21. Potential overlaps with Special Environmental</p>

² <https://www.mgm.gov.tr/veridegerlendirme/il-ve-ilceler-istatistik.aspx?k=H&m=AGRI>

³ <https://www.tarimorman.gov.tr/DKMP/Menu/26/Korunan-Alanlar>

	<p>Protection (SEP) Zones⁴ were assessed using the relevant maps of the Ministry of Environment, Urbanization, and Climate Change; at the international level, a search was conducted using the Protected Planet / WDPA⁵ database. As a result of the checks conducted, it was determined that neither the sub-project area nor its 1 km surroundings are located within any national or international protected area. Therefore, while no direct impact on sensitive ecosystems with protected area status is expected, the general environmental measures defined in the EIA Report () for construction phase activities (dust, noise, waste management, etc.) will be implemented.</p>
Geological and Hydrological Characteristics	<p>From a hydrographic perspective, there is a flood channel approximately 45 m away from the sub-project area; while the channel is generally dry, short-term flow may occur during rainfall or snowmelt periods. Under current conditions, no significant impact is expected from an environmental perspective. (Appendix 15)</p>
Socio-Economic Characteristics	<p>The primary livelihood sources of the local population are predominantly based on agriculture and livestock farming. Across Ağrı Province, agriculture and livestock farming rank among the main economic activities; in particular, grain production and small/large livestock farming are widespread. Since the sub-project site is located outside residential areas, no direct impact on existing livelihood sources is expected. It is anticipated that the local population will gain firsthand exposure to the SPP investment and, through the informational sessions to be conducted as part of the sub-project, their knowledge and awareness of renewable energy will increase. This is expected to provide a positive contribution at the local level.</p>
Information About the Settlement	<p>Nearest settlement(s): The settlement closest to the sub-project site is Yücekapı Merkez Neighborhood. According to TÜİK data, the neighborhood's population is 2,150 (2024). Approximately 58% of the population is male, and 42% is female. The literacy rate is reported as 67% in TÜİK data. However, during discussions with the municipality, it was stated that the literacy rate in Yücekapı Merkez Neighborhood is approximately 95%. The primary area of influence, which is expected to be directly affected by the construction activities of the Sub-Project, has been determined as 500 m, taking into account the scale of the Sub-Project. It has been determined that there are no schools, hospitals, or mosques within the primary area of influence. Since Yücekapı Merkez Neighborhood is located along a transportation route, it is expected to be affected by the passage of vehicles transporting construction materials. Visuals showing the Sub-Project site and the area of influence are presented in Annexes 8 and 14.</p> <p>The structure closest to the Sub-Project site: The structure closest to the Sub-Project site is an agricultural</p>

⁴ <https://ockb.csb.gov.tr/ock-bolgeleri-harita-i-55>

⁵ <https://www.protectedplanet.net/country/TUR>

	storage facility, located approximately 350 m away (Appendix 8, 14). -
Locations and distances to the nearest sensitive receptors, such as healthcare facilities and schools?	The nearest settlement is an agricultural warehouse located 350 meters away. Additionally, the Yücekapı Health Center and a school are located approximately 1,000 meters away. (Appendix 8.)
Infrastructure services to be used throughout the sub-project's lifecycle (sewerage, electricity, water supply, etc.)	There is no need to construct new infrastructure services such as sewage, electricity, or water supply networks, or to renovate existing infrastructure, due to the sub-project activities. Drinking water needs during the construction period will be met with bottled water. For wastewater, a septic tank will be used on-site; it must be pumped out at regular intervals depending on its fill level.

1.c) E&S Requirements applicable to the Subproject

The sub-project will be implemented in accordance with the requirements of current national legislation and international agreements and treaties to which Turkey is a party.

The following international standards will also be followed as appropriate:

- ILBANK Environmental and Social Management Policy (ESMP), the World Bank Environmental and Social Framework (ESF, 2018), and the Environmental and Social Standards (ESS) that form part of the ESF
- World Bank Group (WBG) General and Sectoral Environmental, Health, and Safety Guidelines (EHSG), including but not limited to Good International Industry Practices (GIIP⁶)
- International Finance Corporation (IFC) EHS Implementation Handbook

In cases where the requirements of ILBANK's EHS System or national legislation differ from the requirements of the World Bank's EHS Guidelines or the levels and measures specified in the relevant WBG EHS guidance, the stricter standard shall apply.

Section 2: Implementation Arrangements

2.b) Implementation Responsibility and Resources

The sub-borrower shall implement this ESMP Checklist to the satisfaction of ILBANK throughout the sub-financing contract lifecycle and shall ensure that the contractor adopts and implements it.

The sub-borrower is responsible for ensuring that sufficient financial and human resources are allocated for the effective implementation of this ESMP Checklist.

2.c) Organizational Capacity

Sub-borrower:

The Sub-Borrower must establish an organizational structure (Project Implementation Unit – PIU) with qualified personnel and resources satisfactory to ILBANK, and must maintain this structure by ensuring the presence of qualified personnel performing their duties throughout the sub-financing agreement lifecycle.

The Sub-Borrower shall assign the following personnel to support the management and monitoring of sub-project E&S risks and impacts and to ensure full compliance with the requirements of this E&S Checklist:

- **Environmental Focal Point:** Barış KOTAN - Yücekapı Municipality Staff - 1.5 years
- **Social Focal Point** (who will also serve as the Grievance Mechanism (GM) Contact Person): Barış KOTAN - Yücekapı Municipality Staff - 1.5 years
- **Occupational Health and Safety (OHS) Specialist:** Serkan KIR, Class C OHS – Since 2013

Contractors:

The subcontractor is required to establish and maintain an organizational structure with qualified personnel and resources throughout the contract period.

⁶ <https://www.ifc.org/en/insights-reports/2000/general-environmental-health-and-safety-guidelines>

On-site, the contractor must have at least one Environmental Specialist, one Social Specialist, and one Occupational Health and Safety Specialist on staff prior to the commencement of work.

The Subcontractor shall notify İLBANK in writing of the contractor personnel assigned prior to the commencement of work.

2.d) Monitoring and Reporting

The sub-contractor shall immediately report to İLBANK any incident or accident related to the sub-project that has, or is likely to have, a significant adverse impact on the environment, affected communities, the public, or workers—including, but not limited to, sexual exploitation and abuse (SEA), sexual harassment (SH), and accidents resulting in death, serious injury, or multiple injuries—⁷.

This notification shall be made to İLBANK using the EHS Incident Reporting Form template (see **Annex 24**). The completed EHS Incident Reporting Form shall be submitted to İLBANK by the sub-borrower within **24 hours** of the incident or accident (the contractor shall report the incident or accident to the sub-borrower within **24 hours**).

The periodic HSE monitoring reporting requirements for the sub-project are as follows:

- The construction contractor will prepare **monthly** E&S monitoring reports (ESMR) and submit them to the audit consultant (“consultant”).
- During the **construction** phase, the sub-borrower, with the support of the supervision consultant, will prepare **quarterly** ESMRs and submit them to İLBANK.
- During the **operational** phase (throughout the sub-financing agreement’s lifecycle, until the repayment period is completed), the sub-borrower will prepare **annual** ESMRs and submit them to İLBANK.

İLBANK will provide the sub-borrower with the necessary template for periodic ESMRs.

Roles and Responsibilities **are provided in Annex 10**.

⁷ Any incident or accident related to a subproject that has or is likely to have a significant adverse impact on the health and safety of the environment and/or communities or employees (direct or contracted) involved in operations related to subprojects, including, but not limited to, spills of chemical and/or hydrocarbon materials; fires, explosions, or unplanned releases, including during transportation; ecological damage/destruction; traffic or other types of accidents that could result in death or serious injury affecting employees and/or public grievances or protests; failure of emissions or wastewater treatment; notification of legal/administrative violations; fines, penalties, or increases in pollution fees; negative media attention; accidental discovery of cultural artifacts; labor unrest or disputes; concerns from the local community.

Section 3: ESMP Matrix: Risks and Impacts, Mitigation, and Monitoring

3.a) Construction Phase ESMP Matrix

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
ESS 2 - Labor and Working Conditions				
1.	Working Conditions	Contractor	<ul style="list-style-type: none"> • In accordance with the OHS Plan, daily pre-work briefings (toolbox training) will be conducted before work begins. • A simplified Labor Management Procedure (LMP, Annex 9) specific to the sub-project will be prepared and implemented. • Under the LMP, child labor, forced labor, and informal employment will be strictly prohibited. • Employees will be provided with clear, written information regarding working hours, wages, overtime, fringe benefits, and compensation upon hiring and in the event of significant changes. • An accessible Grievance Mechanism will be established for employees; all employees will be informed about this mechanism during the hiring process. • A risk assessment will be conducted prior to non-routine tasks; where necessary, the work permit procedure will be applied. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
2.	General OHS Risks	Contractor	<ul style="list-style-type: none"> • A general OHS risk assessment will be conducted for the subproject; additionally, a job-specific risk assessment will be performed before non- 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
			<p>routine work begins, and the work permit procedure will be applied as necessary.</p> <ul style="list-style-type: none"> • All workers, including subcontractors, will be provided with OHS training appropriate to the risks of the work (induction training and refresher training as needed). • Safe Work Procedures and an Emergency Response Plan will be prepared for the sub-project and implemented on-site. • Potential emergency scenarios will be identified; workers will be informed and trained on these scenarios and the steps to follow. • Safety rules will be enforced on-site; necessary PPE will be provided to employees, and its use will be monitored. • Safety procedures will be established for safety-critical equipment and tasks; relevant employees will be informed of these procedures (with a signed acknowledgment if necessary), and the procedures will be accessible on-site. • Contracts with subcontractors will include a scope of work, rights and obligations, and the Code of Conduct. • In the event of an OHS incident, the Contractor will notify İLBANK within 24 hours, make reports in accordance with applicable legal requirements, and complete the OHS reporting/incident notification forms in accordance with İLBANK's instructions. A detailed H&S Incident Investigation Form supported by a Root Cause Analysis (RCA) (in accordance with the template provided in the H&S Inspection, Monitoring, and Reporting Procedure) shall be submitted to İLBANK within 15 calendar days from the date of the incident/accident. • Near-miss incidents will be documented and included in site reports. • If a situation raising suspicion of asbestos is identified on-site, actions will be taken in accordance with applicable regulations (work will be suspended, an assessment will be conducted, and necessary measures will be taken). 	
3.	Physical Hazards: Working at Heights	Contractor	<ul style="list-style-type: none"> • Work performed in areas with elevation differences and a risk of falling will be considered work at heights. • For work at heights, collective protection (guardrails, barriers, platforms/scaffolding, safety nets, etc.) shall be provided first; where collective 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
			<p>protection is insufficient , personal fall arrest systems such as appropriate anchor points/lifelines and full-body harnesses shall be used.</p> <ul style="list-style-type: none"> • Personnel assigned to work at heights must have a fitness-for-work report issued by the designated occupational physician. • Equipment used for work at heights (connection equipment, descent/ascent equipment, etc.) must comply with standards, be inspected regularly, and used correctly. • Necessary precautions will be taken to prevent tools and materials from falling during work at heights (e.g., tool retention devices, material securing, etc.). • Access control will be implemented in areas where there is a risk of falling objects; safe passage arrangements will be established where necessary. • Work at heights will be suspended when wind speeds exceed 38 km/h. 	
4.	Physical Hazards: Lifting Operations OHS Risks	Contractor	<ul style="list-style-type: none"> • To prevent unauthorized access to the lifting area during lifting operations, the work area will be cordoned off with barriers/tape, and access will be controlled. • The necessary warning signs for lifting operations will be posted. • Lifting operations will be conducted in accordance with the safe lifting procedures established on-site. • Lifting operations will be performed by trained and authorized/certified personnel; where necessary, a signaler (flag person) will be assigned, and appropriate communication will be ensured. • Appropriate PPE will be provided to workers, and its use will be monitored. • All lifting equipment, such as slings, chains, hooks, etc., will undergo periodic inspections; inspection/maintenance records will be maintained in accordance with regulations. • Equipment and machinery to be used in lifting operations will be visually inspected prior to use. • In tasks requiring manual handling, workers will be informed about proper lifting/handling techniques, and load reduction or the use of assistive equipment will be prioritized whenever possible. • 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
5.	Physical Hazards: Rotating and Moving Equipment	Contractor	<ul style="list-style-type: none"> • Machines or equipment with exposed moving parts or pinch points shall be equipped with appropriate guards to prevent access to these points; such guards shall be designed and installed in accordance with applicable standards. • Before performing maintenance or service on equipment containing or capable of storing energy (e.g., electrical equipment, compressed air, etc.), the equipment must be shut down, de-energized, and, where necessary, locked out and tagged out (LOTO). • Where possible, routine maintenance tasks such as lubrication will be planned and performed in a manner that allows them to be carried out without removing guards. • Operating instructions (quick guide/label or manufacturer's manual) for each piece of equipment will be accessible on-site and kept with the equipment. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
6.	Physical Hazards: Electrical Hazards	Contractor	<ul style="list-style-type: none"> • Personnel performing work on the electrical system must be authorized and possess the necessary professional qualifications; unauthorized persons will not be permitted to work on electrical systems. • Live circuits, panels, and equipment will be marked with warning signs and access will be controlled. • Power will be shut off during maintenance/service, and lockout-tagout (LOTO) will be implemented when necessary. A project-specific LOTO 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
			<p>procedure will be prepared, relevant personnel will be trained, and implementation will be monitored.</p> <ul style="list-style-type: none"> • If extension cords are used, they must be suitable for outdoor use and have sufficient current capacity; cords will be used only for temporary purposes. • Cables, outlets, and hand tools will be inspected regularly; worn or damaged equipment will not be used and will be replaced immediately. • Electrical equipment used in wet or potentially wet environments must have appropriate protection; residual current protection (RCD/GFCI) must be provided. Electrical panels must be protected against water and rain. • Power cables and extension cords will be protected with cable guards in walkways or properly suspended. • If excavation is to be performed, potential buried cable lines must be identified and marked before work begins. • An appropriate type of fire extinguisher (e.g., CO₂) will be kept on-site to address the risk of electrical fires. • Workers will be informed and trained regarding electrical hazards and basic safety precautions. 	
7.	Physical Hazards: Welding and Hot Work	Contractor	<ul style="list-style-type: none"> • Welding and hot work shall be performed only by personnel with the necessary professional qualifications. • Appropriate PPE will be provided to personnel involved in welding/hot work (welding mask/eye protection, respiratory protection when necessary, flame-retardant work clothing, etc.). • If welding or hot cutting is performed outside the designated area, a hot work permit must be obtained, and fire safety measures (appropriate fire extinguishers, a spotter if necessary, etc.) must be in place in the work area. • The area where welding or hot work is to be performed must be cleared of flammable materials and monitored during the work. • Employees will be informed and trained on the safe conduct of welding and hot work. • Appropriate fire extinguishers will be kept on-site to address potential fires. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
8.	Fire Safety Prevention Measures and Emergency Response	Contractor	<ul style="list-style-type: none"> • An Emergency Response and Evacuation Plan will be prepared prior to the commencement of work and will be accessible on-site. • Employees will be informed of hazards, trained on how to sound the alarm, and educated on basic fire safety. • Flammable and hazardous materials will be stored in designated safe areas away from ignition sources. • Appropriate types of fire extinguishers and necessary basic emergency equipment will be kept on-site. • Fire and evacuation drills will be conducted at a frequency appropriate for the site. • Emergency response officers/teams will be designated on-site for evacuation and first response, and their duties will be communicated to employees. • An up-to-date list of local fire departments, medical units/hospitals, and other emergency contacts will be maintained. • The number of first aid personnel will meet the requirements of the First Aid Regulation based on the workplace's hazard classification. • 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
9.	Physical Hazards: Ergonomics, Repetitive Motion, Manual Handling and Lifting	Contractor	<ul style="list-style-type: none"> • In tasks requiring manual handling, mechanical aids will be used whenever possible; heavy loads will not be carried by a single person and will be carried by two people or a team when necessary. • Heavy loads will be properly marked/labeled (weight information will be indicated if available). • Employees will be informed and trained on proper lifting and handling techniques. • For tasks requiring heavy lifting, employees' fitness for the work will be assessed by the occupational physician; such tasks will be performed by personnel deemed suitable. • Through proper work planning, the pace of work and break schedule (as needed) will be considered to minimize unnecessary strain. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
10.	Physical Hazards: Industrial Vehicle Operation and Site Traffic	Contractor	<ul style="list-style-type: none"> • Forklifts and similar machinery will be operated only by trained and authorized personnel (with operator certification/license, etc.). • The necessary health checks will be conducted to ensure the fitness of heavy equipment/vehicle operators for the job. • Equipment with limited rear visibility will be equipped with an audible reverse warning; a signaler/flag person will be used when necessary during maneuvers. • A traffic system will be established within the construction site (speed limits, right of way, pedestrian–vehicle separation, parking/loading–unloading areas), and the rules will be announced on-site. • Delivery vehicles and private vehicle movements will be restricted to designated routes as much as possible; one-way traffic will be implemented when necessary. • Periodic inspections and maintenance of vehicles and equipment will be conducted, and compliance records will be maintained in accordance with applicable regulations. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
11.	Physical Hazards: Chemical Hazards	Contractor	<ul style="list-style-type: none"> • Where possible, hazardous materials will be replaced with less hazardous alternatives. • The use of hazardous materials and worker exposure will be minimized; efforts will be made to assign as few personnel as possible to these tasks. • All chemicals will be labeled; relevant SDS/MSDS forms will be kept on-site and made available to employees. • Workers will be provided with information and training on chemical risks, safe work practices, the use of SDS, and the proper use of PPE. • Appropriate PPE (gloves, goggles/face protection, respiratory protection when necessary, etc.) will be provided for chemicals, and its use will be monitored. • Chemicals will be stored safely in designated areas; secondary containment (spill tray/overflow pallet) will be used to prevent spills. • A spill kit will be kept on-site for chemical spills, and emergency contact information will be readily accessible (in accordance with the Emergency Response Plan). • Chemical waste and contaminated materials will be collected separately and sent to licensed facilities in accordance with regulations. • Chemical storage areas and related equipment/PPE will be inspected regularly; necessary measures will be taken if leaks or damage are detected. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
12.	Gender-Based Violence (GBV); Sexual Exploitation and Abuse/Sexual Harassment (SEA/SH) of Workers; Gender Inequality	Contractor Local Community	<ul style="list-style-type: none"> • Awareness sessions on Gender-Based Violence (GBV) and SE/HT will be provided for the construction contractor's management team and site supervisors. • Regular awareness meetings will be held with workers to explain GBV and SEA/SH, respectful workplace behavior, and what constitutes unacceptable behavior. • All employees will be informed and trained on identifying, preventing, and appropriately reporting GBV and SEA/SH risks. • A Code of Conduct clearly outlining unacceptable behaviors related to GBV and SEA/SH will be prepared; it will be read, signed, and followed by all employees. • A confidential and accessible grievance channel will be established to receive grievances related to GBV and SEA/SH; grievances will be addressed promptly and in accordance with the principle of confidentiality. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
ESS 3 - Resource Efficiency and Pollution Prevention and Management				
13.	Waste Management - General	Contractor Flora and Fauna Soil and Water Resources	<ul style="list-style-type: none"> Waste will be sorted at the source according to the categories specified in the Waste Management Regulation, and a temporary waste storage area will be established on-site. Properly labeled containers/bins for each type of waste will be placed at appropriate locations on-site. Waste generation will be reduced by optimizing material usage and facilitating reuse whenever possible. Recyclable waste (metal, plastic, paper, etc.) will be collected separately and sent to licensed/appropriate facilities. Hazardous and/or liquid waste will be stored in leak-proof containers with proper labeling; secondary containment will be provided to prevent spills. Waste that cannot be recycled and hazardous waste will be disposed of in accordance with regulations through licensed companies. The process related to the transportation/disposal of waste will be monitored, and relevant documents will be retained. Maintenance operations such as oil/battery changes will be performed off-site whenever possible; if performed on-site, the resulting waste will be managed as hazardous waste. Prior to mobilization activities on-site, the Contractor shall prepare a Waste Management Plan (including hazardous waste and electronic waste) and submit it to İLBANK for approval. The Waste Management Plan shall be implemented throughout the entire construction period. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
14.	Waste Management - Electronic Waste Disposal	Contractor Flora and Fauna Soil and Water Resources	<ul style="list-style-type: none"> For the recovery and disposal of electronic waste (e.g., panels, inverters, cables, etc.) generated from old equipment removed or replaced under the sub-project, necessary agreements will be made with a licensed e-waste recycling facility and/or the manufacturer/supplier to ensure compliance with regulations, and the process will be documented. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
15.	Wastewater Management	Contractor Flora and Fauna Soil and Water Resources	<ul style="list-style-type: none"> To prevent overflow and the risk of contamination, and to ensure the system operates properly, wastewater will be regularly pumped out of the septic tank and disposed of in accordance with regulations. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
16.	Soil and Groundwater Pollution	Contractor Flora and Fauna Soil and Water Resources	<ul style="list-style-type: none"> • In the event of a spill or leak of oil, fuel, chemicals, or lubricants, the spill must be immediately contained and cleaned up to prevent contamination. • Spill prevention and response measures will be implemented on-site; necessary equipment (e.g., spill kit/absorbent) will be kept on hand. Contaminated materials generated will be managed as hazardous waste and disposed of in accordance with regulations. • Routine maintenance of construction vehicles and equipment will be performed to reduce the risk of spills or leaks. • Used oils will be collected separately, temporarily stored safely, and sent for recycling/disposal through licensed companies. • Adequate sanitary facilities (toilets, etc.) will be provided for site personnel; maintenance and repairs will be performed immediately in the event of malfunctions, leaks, or overflows. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
17.	Dust and Gas Emissions	Local Community Contractor Flora and fauna	<ul style="list-style-type: none"> • When dust is generated on roads and in the construction site area, water will be sprayed as needed to suppress the dust. • Nearby communities will be informed about the general schedule and nature of construction activities under the SEP. • Material loading/unloading operations will be carried out carefully to prevent the scattering of materials. • To reduce dust dispersion during transport, trucks will be covered with tarps; where necessary, tires and undercarriages will be cleaned to prevent mud and debris from being carried onto the road upon exiting the site. • Appropriate speed limits for vehicles within the construction site will be established and enforced. • The exhaust systems of vehicles and equipment will be regularly inspected and maintained. • An accessible grievance mechanism will be available for community grievances; grievances will be evaluated, and necessary corrective measures will be taken. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
18.	Environmental Noise	Local Residents Contractor	<ul style="list-style-type: none"> • Construction machinery will not operate at night to reduce noise (except in cases of necessity). 	Contractor Consultant (Construction Supervision Consultant)

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
			<ul style="list-style-type: none"> Nearby communities will be informed about the timing and general nature of construction activities under the SEP. Low-noise machinery and equipment will be preferred whenever possible. Regular maintenance of machinery and equipment will be performed to reduce noise; daily inspections will be conducted. Speed limits established for transport and on-site vehicles will be adhered to. An accessible grievance mechanism will be in place to receive feedback regarding noise and other disturbances; grievances will be evaluated and necessary measures will be taken. 	Yücekapı Municipality
19.	Hazardous Materials Management	Contractor Local Community Flora and fauna Soil and Water Resources	<ul style="list-style-type: none"> Records will be maintained regarding the types and approximate quantities of hazardous materials (e.g., fuel, oil, paint/solvents, etc.) to be used or stored on-site. Hazardous materials will be stored in a designated area that is locked, covered, and inaccessible to unauthorized personnel. All chemical containers will be labeled; relevant MSDS/SDS forms will be kept on-site, and chemicals will be managed in accordance with these forms. To mitigate the risk of spills or leaks, chemicals must be stored in appropriate containers, and secondary containment (such as a spill tray or secondary container) must be provided in the storage area. A basic spill response kit will be kept on-site to address potential spills; in the event of a spill, immediate action will be taken to clean up and contain the spill. Hazardous waste (e.g., waste oil, contaminated rags/absorbents, chemical packaging, etc.) will be collected separately, labeled, and temporarily stored under appropriate conditions. Hazardous waste will be disposed of or sent for recycling through licensed carriers and licensed facilities. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
ESS - 4 Community Health and Safety				
20.	Risk of accidents and injuries involving community members (including	Local Residents	<ul style="list-style-type: none"> The sub-project site will be fenced off, and access to the site by community members (especially children) will be physically restricted. 	Contractor Consultant (Construction Supervision Consultant)

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
	children) (e.g., electric shock)		<ul style="list-style-type: none"> Site security will be maintained to prevent unauthorized entry (e.g., security/staff checks during working hours and locked entry/exit procedures outside of working hours). 	Yücekapı Municipality
21.	Increasing traffic	Local Residents	<ul style="list-style-type: none"> Traffic management will be coordinated for the entry and exit of construction vehicles and on-site movement. To reduce traffic congestion, transportation and deliveries will be scheduled during off-peak hours whenever possible. Warning signs will be placed where necessary around the construction site; traffic controllers/flaggers will be assigned as needed. Speed limits will be established and enforced for vehicles on site roads and access routes (maximum 30 km/h on unpaved roads). Vehicle maintenance will be performed regularly; the use of vehicles that do not meet emission and noise standards will be prevented. Drivers and relevant personnel will be informed and trained regarding road and construction site traffic safety rules. The contractor will prepare a Traffic Management Plan prior to mobilization and submit it to İLBANK for approval. The Traffic Management Plan will be implemented throughout the construction period. An accessible grievance mechanism will be in place to receive feedback regarding traffic. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
22.	Risks Related to Gender-Based Violence (GBV), Sexual Exploitation, Abuse / Sexual Harassment (SE/SH)	Local Community	<ul style="list-style-type: none"> To prevent gender-based violence (GBV), harassment, and abuse in the workplace, employees will be provided with information and training on the Code of Conduct and communication with the public/local community. All employees will read, sign, and adhere to the Code of Conduct, which promotes respectful behavior and defines unacceptable conduct. Regular awareness sessions on GBV and similar social risks will be held in the field. A confidential and accessible grievance mechanism will be established and operated to receive and address grievances regarding harassment and abuse. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
23.	Local Economy, Livelihoods, and Employment	Local Community	<ul style="list-style-type: none"> • Within the scope of the sub-project, priority will be given to local employment whenever possible for unskilled, semi-skilled, and skilled positions. • Regular communication with local communities must be established; an accessible grievance mechanism will be developed to receive community concerns and feedback, and incoming grievances will be addressed. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
24.	Impacts on vulnerable and disadvantaged individuals and groups	Local Residents	<ul style="list-style-type: none"> • Fair and transparent hiring practices that do not lead to discrimination will be adopted; where appropriate, simple supportive measures to facilitate the participation of vulnerable groups in the workforce (information, suitable work arrangements, etc.) will be considered. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
ESS 6 - Biodiversity Conservation and Sustainable Management of Living Natural Resources				
25.	Impacts on Biodiversity	Flora and Fauna	<ul style="list-style-type: none"> • Prior to construction, a site survey will be conducted to check for the presence of nests/nesting sites, habitats, or significant fauna activity; in case of suspicion, the work area will be re-evaluated. • Vegetation clearance will be kept to a minimum; work will be carried out only in necessary areas. • The construction site and access roads will be clearly demarcated (fence/tape/warning signs, etc.), and personnel and vehicles will be kept within these boundaries as much as possible. • Vehicles will use designated routes; unnecessary vehicle and pedestrian traffic in undisturbed areas will be prevented. • After construction is completed, site restoration/rehabilitation will be carried out in areas where possible to support the regrowth of natural vegetation. • Trees located within the Sub-Project area will be transplanted if possible; where this is not possible, at least three saplings of the same species will be planted in their place. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Risks and Impacts	Receptor(s)	Proposed Mitigation Measure	Responsible Parties
Cultural Heritage				
26.	Impacts on Cultural Heritage	Cultural Heritage Local Community	<ul style="list-style-type: none"> • A Chance Finds Procedure will be prepared and implemented to ensure that any potential chance finds are identified in a timely manner and managed appropriately during the implementation of the sub-project. • The procedure will be included in the daily pre-work briefings (toolbox talks) conducted throughout the construction period to raise workers' awareness. • In the event of any chance find, work in the relevant area will be stopped immediately. • The relevant Conservation Board or Museum Directorate will be notified immediately; the contractor will ensure the security of the site, and work will not resume until an official opinion or notification is received. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
ESS 10 - Stakeholder Engagement and Information Disclosure				
27.	Insufficient stakeholder engagement activities and public participation.	Local Community Contractor	<ul style="list-style-type: none"> • Appropriate communication channels will be established to facilitate communication and interaction with local communities; participation activities will be planned at appropriate times. • Regular consultations will be held with relevant authorities and local communities to provide information about the sub-project implementation and to receive feedback. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

3.b) Operation ESMP Matrix

No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure
ESS 2 - Labor and Working Conditions				
1.	Unacceptable Working Conditions	Contractor	<ul style="list-style-type: none"> • On-the-job briefings will be conducted when deemed necessary within the scope of operational activities (e.g., during maintenance/repair days). • The simplified LMP will be applied for the recruitment and management of employees; employment documents and records will be maintained in accordance with the law. • Under the HRM, child labor, forced labor, and informal employment will be strictly prohibited and prevented. • Employees will be provided with clear, written information regarding working hours, wages, overtime, and benefits upon hiring and in the event of significant changes. • An accessible grievance mechanism will be available for employees; all employees will be informed about this mechanism upon hiring. • Prior to non-routine tasks (e.g., electrical work, work at heights, lifting operations), a task-specific risk assessment will be conducted, and a work permit procedure will be applied when necessary. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure
2.	General OHS risks	Contractor	<ul style="list-style-type: none"> • A site-specific risk assessment appropriate for the project's operations will be conducted; primary risks (electricity, working at heights, lifting, fire, etc.) and basic mitigation measures will be identified. • It will be ensured that all personnel working on-site, including subcontractors, receive OHS training appropriate to their duties (induction training and refresher training as needed). • Safe Work Procedures and an Emergency Response Plan will be prepared and made available on-site. • Potential emergency scenarios (fire, electric shock, injury, etc.) will be defined; personnel will be informed and trained on these scenarios and the steps to follow. • Safety procedures will be implemented on-site; appropriate PPE will be provided and its use will be monitored. • Job-specific safety requirements (especially for non-routine tasks) will be included in occupational safety and health (OHS) briefings. • Where necessary, brief safe work instructions will be created for safety-critical equipment; relevant personnel will be informed of these instructions (the requirement for a signature may be evaluated according to institutional practices). 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure
3.	Physical Hazards: Lifting Operations OHS Risks	Contractor	<ul style="list-style-type: none"> • If lifting operations are to be performed, the lifting area will be cordoned off with tape/barriers, and unauthorized access will be prevented. • The necessary warning signs will be used for lifting operations. • Lifting operations will be conducted in accordance with safe lifting procedures. • Lifting operations will be performed only by authorized/trained personnel; a signaler (flag person) will be assigned when necessary. • Appropriate PPE will be provided to workers, and its use will be monitored. • Lifting equipment such as slings, chains, hooks, etc., will have undergone controlled/periodic inspections; records will be maintained in accordance with regulations. • Equipment and machinery to be used in lifting operations will be visually inspected prior to use. • In tasks requiring manual handling, employees will be instructed on proper lifting and handling techniques; whenever possible, loads will not be carried by a single person, and assistive equipment will be used. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
4.	Physical Hazards: Electrical Hazards	Contractor	<ul style="list-style-type: none"> • Work on electrical installations shall be performed only by authorized personnel with the necessary professional qualifications; unauthorized persons shall not be permitted. • Live electrical equipment, panels, and circuits will be marked with warning signs; access will be controlled. • Power will be shut off prior to maintenance/service, and lockout-tagout (LOTO) procedures will be implemented when necessary. A project- 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure
			<p>specific LOTO procedure will be prepared, relevant personnel will be trained, and implementation will be monitored.</p> <ul style="list-style-type: none"> • Electrical cables, outlets, and hand tools will be inspected regularly; damaged cables will be replaced with new ones (taping or gluing will not be permitted). • If extension cords are used, they will be selected with the appropriate current capacity and suitable type for the task; cords will be protected in passageways or properly suspended. • Equipment used in wet or potentially wet environments must have appropriate protection; residual current protection (RCD/GFCI) must be provided, and panels must be protected against water. • Areas containing high-voltage equipment will be labeled, and “no entry” boundaries will be established if necessary. • Appropriate PPE will be provided to personnel for electrical work, and its use will be monitored. • An appropriate type of fire extinguisher (e.g., CO₂) will be kept on-site to mitigate the risk of electrical fires. • (If excavation work is involved) any buried cables will be identified and marked prior to excavation. 	

No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure
5.	Fire Safety Prevention Measures and Emergency Response	Contractor Flora and fauna Soil, Water Resources	<ul style="list-style-type: none"> • An Emergency Response and Evacuation Plan will be prepared before operations begin and will be accessible on-site. • All personnel will be informed and trained on reporting hazards and the steps to follow in the event of a fire or emergency. • Flammable and hazardous materials will be stored in designated safe areas away from ignition sources. • Appropriate types of fire extinguishers and basic emergency equipment will be kept on-site. • Fire and emergency drills will be conducted at a frequency appropriate to the facility's staff size and operations. • At least one emergency response coordinator will be designated on-site for evacuation and first response, and the assignment of duties will be communicated to the staff. • An up-to-date list of emergency contacts, including local fire departments and medical units/hospitals, will be maintained. • The number of first aid personnel will meet the requirements of the First Aid Regulation based on the workplace's hazard classification. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
6.	Physical Hazards: Ergonomics, Repetitive Motion, Manual Handling and Lifting	Contractor	<ul style="list-style-type: none"> • Manual handling will be minimized as much as possible; mechanical aids will be used where appropriate. • Heavy loads will not be carried by a single person; where necessary, they will be carried by two people or a team. • Employees will be informed and trained on proper lifting and handling techniques. • The suitability of employees for tasks requiring heavy lifting will be determined based on an occupational physician's assessment; such tasks will be performed by personnel deemed suitable. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure
7.	Physical Hazards: Chemical Hazards	Contractor Flora and fauna Soil, Water Resources	<ul style="list-style-type: none"> • Where possible, hazardous substances will be replaced with less hazardous alternatives. • Chemical use and worker exposure will be kept to a minimum; the number of personnel assigned to these tasks will be limited as much as possible. • Chemicals will be labeled; relevant SDS/MSDS forms will be kept on-site and made accessible. • Employees will be provided with information and training on safe use, SDS/MSDS information, and the proper use of PPE. • Appropriate PPE (gloves, goggles/face protection, respiratory protection when necessary, etc.) will be provided and its use will be monitored. • Chemicals will be stored safely in designated areas; secondary containment (spill tray/drip pan) will be used to prevent spills. • A spill kit will be kept on-site; in the event of a spill, the containment–cleanup–waste management steps will be implemented in accordance with the Emergency Response Plan. • Chemical waste and contaminated materials will be managed in accordance with regulations; storage areas and equipment will be inspected regularly. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
8.	Gender-Based Violence (GBV); Sexual Exploitation and Abuse/Sexual Harassment (SEA/SH) of Employees; Gender Inequality	Contractor	<ul style="list-style-type: none"> • During the operational phase, awareness and training on Gender- -Based Violence (GBV) and SEA/SH issues will be provided to on-site personnel 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure
			<p>and, if applicable, the responsible parties of contracted firms (maintenance, repair, etc.).</p> <ul style="list-style-type: none"> • Personnel will be informed about GBV and SEA/SH issues, as well as respectful workplace behavior and unacceptable conduct, upon hiring and as needed (e.g., when new personnel or subcontractors arrive). • All staff will be informed and trained on how to recognize, prevent, and appropriately report incidents of GBV and sexual harassment/abuse. • A Code of Conduct clearly outlining unacceptable behaviors related to GBV and SEA/SH will be prepared; it will be read, signed, and followed by all employees. • A confidential and accessible grievance mechanism will be established to receive grievances related to GBV and SEA/SH; submissions will be handled promptly and in accordance with confidentiality principles. 	
ESS 3 - Resource Efficiency and Pollution Prevention and Management				

No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure
9.	Waste Management	Contractor Local Community Flora and fauna Soil, water resources	<ul style="list-style-type: none"> • Waste will be sorted at the source according to the categories specified in the Waste Management Regulation, and a suitable temporary waste storage area will be maintained on-site. • Appropriate, labeled boxes/containers will be provided for each type of waste. • Recyclable waste (metal, plastic, paper, etc.) will be collected separately and sent to appropriate facilities. • Hazardous/liquid waste will be stored in leak-proof and labeled containers; secondary containment will be provided to prevent spills. • Hazardous and non-recyclable waste will be disposed of or sent for recycling in accordance with regulations via licensed carriers/facilities. • Waste transport and disposal processes will be monitored, and relevant documentation will be retained. • A spill kit will be kept on-site for waste with a risk of spillage; personnel will be trained in basic spill response procedures. • Maintenance tasks such as oil/battery changes will be performed off-site whenever possible; if performed on-site, the resulting waste will be managed as hazardous waste. • Electronic waste (e.g., faulty inverters/electronic equipment, cable scraps, batteries/UPS units if any) will be collected separately and sent to licensed e-waste recycling/disposal facilities. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
10.	Electronic Waste Disposal	Contractor Local Community Flora and fauna Soil, water resources	<ul style="list-style-type: none"> • Appropriate agreements will be made with licensed recycling facilities and/or relevant manufacturers/suppliers to ensure the proper recovery or disposal of dismantled or replaced old equipment. • Solar panels, inverters, batteries, and other electronic waste will be collected separately and sent to licensed e-waste recycling/disposal facilities in accordance with regulations. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality


No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure
11.	Water Usage	Contractor Flora and fauna Soil, Water Resources	<ul style="list-style-type: none"> Water consumption and wastewater generation during the cleaning of solar panels will be minimized as much as possible; water will be used efficiently. Where appropriate, methods that consume less water (e.g., equipment with rubber blades or wipers, etc.) will be preferred, and water-saving practices will be adopted. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
12.	Soil and Groundwater Contamination	Contractor Local Community Flora and fauna Soil and water resources	<ul style="list-style-type: none"> In the event of a spill or leak of oil, fuel, chemicals, or lubricants, the spill will be immediately contained and cleaned up to prevent environmental contamination. Spill prevention and response measures will be implemented; a basic spill kit and absorbent materials will be kept on-site. Contaminated materials will be managed as hazardous waste and disposed of in accordance with regulations through licensed companies. To reduce the risk of leaks or spills, routine maintenance of vehicles and equipment will be performed off-site whenever possible; if on-site maintenance is unavoidable, necessary protective measures will be taken. Used oils will be collected separately, stored safely, and sent for recycling or disposal through licensed carriers/facilities. Adequate sanitary facilities (toilets, etc.) will be provided for personnel working on-site during the operational period; maintenance and repairs will be performed immediately in the event of malfunctions, leaks, or overflows. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
ESS 4 - Community Health and Safety				
13.	Risk of accidents and injuries involving community members (including children) (e.g., electric shock)	Local Residents	<ul style="list-style-type: none"> The sub-project area will be fenced off, and access to the site by community members (especially children) will be physically restricted. Site security will be maintained to prevent unauthorized entry (e.g., keeping gates locked, warning signs, and regular site patrols; security guard/camera, etc., if necessary). 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure
14.	Risks Related to Gender-Based Violence (GBV), Sexual Exploitation, Abuse / Sexual Harassment (SE/SH)	Local Community	<ul style="list-style-type: none"> To prevent gender-based violence (GBV), harassment, and abuse in the workplace, employees will be provided with information and training on ethical guidelines and communication with the local community. A Code of Conduct that promotes respectful behavior and defines unacceptable behavior will be read to all employees, signed by them, and enforced. Awareness sessions on GBV and related social issues will be conducted in a manner appropriate to the number of staff and the intensity of activities (e.g., upon hiring and as needed). A confidential and accessible grievance mechanism will be established to receive grievances regarding GBV and workplace misconduct; submissions will be handled appropriately. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
ESS 6 - Biodiversity Conservation and Sustainable Management of Living Natural Resources				
15.	Negative Impacts on Biodiversity	Flora and Fauna	<ul style="list-style-type: none"> Fences surrounding the site will be regularly inspected and maintained; where appropriate, simple solutions that allow small animals (e.g., hedgehogs, etc.) to pass safely will be evaluated, and measures will be taken to ensure the fence does not act as a “trap” for wildlife. Access routes and work areas will be clearly marked with signs; personnel and vehicle access will be restricted to designated routes and areas. If bird carcasses are observed on-site, the situation will be noted in the EIA monitoring reports and tracked. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality
ESS 10 - Stakeholder Engagement and Information Disclosure				
16.	Insufficient stakeholder engagement activities and public participation.	Local Community Construction workforce	<ul style="list-style-type: none"> Appropriate communication channels will be established to communicate with the local community and relevant stakeholders; information and engagement activities will be planned at appropriate times. Consultations will be held with relevant authorities and the local community as needed (when necessary) to provide information regarding the sub-project’s operational process and to receive feedback. 	Contractor Consultant (Construction Supervision Consultant) Yücekapı Municipality

No.	Impact Description	Sensitive Receptor(s)	Management / Mitigation Measure	Responsibility for Implementing the Mitigation Measure

Appendices

Appendix 1. EIA Exemption Letter⁸



T.C.
AĞRI VALİLİĞİ
Çevre, Şehircilik ve İklim Değişikliği İl Müdürlüğü

Sayı : E-36094644-220.03-6737648
Konu : ÇED Muafiyeti Hk.

YÜCEKAPI BELEDİYE BAŞKANLIĞINA
(Şehit Engin Mah. Cumhuriyet Cad. No:47 Yücekapı/Eleşkirt/AĞRI)

İlgi : 13/06/2023 tarihli ve 182851 Referans No'lu Başvuru.


Ağrı İli, Eleşkirt İlçesinde Yücekapı Şehit Engin Mahallesi mevkiinde Yücekapı Belediye Başkanlığı tarafından yapılması planlanan Yücekapı Ges-2 (1.05 ha 0.8856 MW) projesi, 29/07/2022 tarih ve 31907 sayılı Resmi Gazete'de yayımlanarak yürürlüğe giren ÇED Yönetmeliği Listelerindeki eşik değerden az olduğu için kapsam dışı olarak değerlendirilmiştir.

Ancak, planlanan yatırım ile ilgili olarak, 5491 sayılı kanunla değişik 2872 sayılı Çevre Kanunu ile bu Kanuna istinaden çıkarılan Yönetmeliklerin ilgili hükümlerine uyulması ve diğer mer'i mevzuat çerçevesinde öngörülen gerekli izinlerin alınması, ekolojik dengenin bozulmamasına, çevrenin korunmasına ve geliştirilmesine yönelik tedbirlere riayet edilmesi gerekmektedir.

Bilgilerinizi ve gereğini arz ederim.

Ferdi İLAN
Çevre, Şehircilik ve İklim Değişikliği İl Müdürü

Bu belge, güvenli elektronik imza ile imzalanmıştır.
Doğrulama Kodu: C0C459FA-6117-4C58-A118-28A49CD5325C Doğrulama Adresi: <https://www.turkiye.gov.tr>
Fırat Mahallesi Yaşar Kemal Caddesi No:257 Bilgi için:Özden AKAY
Telefon No : (472) 215 18 41 Faks : (472) 215 18 42 Çevre Mühendisi
İnternet Adresi: www.csb.gov.tr E-posta: agri@csb.gov.tr



⁸ Some of the documents like official letters could not be translated at the moment but if requested can be translated by the Administration.

Attachment 2. Current Non-Agricultural Land Use Letter



T.C.
AĞRI VALİLİĞİ
İl Tarım ve Orman Müdürlüğü



Sayı : E-40769328-045.01-21367969
Konu : Ağrı İli, Eleşkirt İlçesi, Yücekapı Beldesi,
Şehit Engin Mahallesi, 122 ada 16 numaralı
parşel Hk.

YÜCEKAPI BELEDİYE BAŞKANLIĞINA

İlgi : a) 21.09.2022 tarihli ve 91912179-100-1076 sayılı yazımız.
b) 02.10.2025 tarihli ve E-91912179-000-3112 sayılı yazımız.
c) 23.09.2022 tarihli ve E-40769328-045.01[045.01]-7081242 sayılı yazımız.

İlgi (a) tarih ve sayılı yazınızda Ağrı İli, Eleşkirt İlçesi, Yücekapı Beldesine kain Şehit Engin Mahallesi 122 ada 16 nolu taşınmaz 7,7960 hektar (77960,79m²) alana sahip "Tarla, Çayır ve Ham Toprak" vasıflı arazide A ile belirtilen alan üzerinde (13.235 m²) "Güneş Enerji Santrali" kurulmasının amacıyla Kurum görüşümüz istenmiş olup,

İlgi (b) tarih ve sayılı yazınız ile "E -70469328 - 054.01(045.01)-7081242 Sayılı yazınız gereği, Mülkiyeti Belediyemize ait; Yücekapı Belediyesi Şehit Engin Mahallesi 122 ada 16 numaralı parşel (13.235 m²) için ilgili yazımız ile arazimize TARIM DIŞI ALAN yazısı verilmişti. Söz konusu 7081242 sayılı yazımızın güncel tarihli olarak Kurumumuza ivedikli şekilde gönderilmesi", istenmiştir.

İlgi (c) tarih ve sayılı yazımıza istinaden; Söz konusu başvuru parşeli İl Müdürlüğümüz teknik personelleri tarafından 22.09.2022 tarihinde yerinde gerçekleştirilen etüt çalışması neticesinde ekte gönderilen vaziyet planında A ile belirtilen alanın (13.235 m²) dere yatağında kalmasından dolayı 5403 Sayılı Toprak Koruma ve Arazi Kullanım Kanunu'nun Madde 3(i) fıkrası gereğince **Tarım Dışı** olarak tespit edilmiştir.

Başvuru talebi ile ilgili olarak 5403 sayılı Toprak Koruma ve Arazi Kullanımı Kanunu kapsamında değerlendirilen arazi sınıfının A ile belirtilen talep alanın (13.235 m²) 5403 Sayılı Toprak Koruma ve Arazi Kullanım Kanunu'nun Madde 3(i) fıkrası gereğince **Tarım Dışı** olarak tespit edilmiş, söz konusu alanın "Güneş Enerji Santrali" amacıyla kullanılması Toprak Koruma Projesine uyulması şartıyla "Uygun" görülmüştür.



Gereğini bilgilerinize arz ederim.

Mehmet HÜSEYİNOĞLU
İl Müdürü

Ek: Vaziyet Alanları.



Attachment 3. Land Classification Letter



T.C.
AĞRI VALİLİĞİ
İl Tarım ve Orman Müdürlüğü

Sayı : E-40769328-045.01[045.01]-7014143
Konu : Arazi Sınıfı Tespiti Hk.

YÜCEKAPI BELEDİYE BAŞKANLIĞINA

İlgi : Yücekapı Belediye Başkanlığının 15.03.2022 tarihli ve 91912179-100-790 sayılı yazısı.

İlgi tarih ve sayılı yazınızda Ağrı İli, Eleşkirt İlçesi, Yücekapı Beldesine kain Şehit Engin Mahallesi 122 ada 16 numaralı parselde "Güneş Enerji Santrali" kurulmasının planlandığı belirtilip tesis yeriyle ilgili kurumumuzdan sınıf tespiti yapılması istenmektedir.

Söz konusu parsel, İl Müdürlüğümüz teknik personelleri tarafından 27.04.2022 tarihinde yerinde gerçekleştirilen sınıf tespiti neticesinde ekte gönderilen vaziyet planında A ile belirtilen alanın (13.235 m²) dere yatağında kalmasından dolayı 5403 Sayılı Toprak Koruma ve Arazi Kullanım Kanunu'nun Madde 3(i) fıkrası gereğince **Tarım Dışı** olarak tespit edilmiş, B ile gösterilen alanın (64.725,79 m²) **Sulu Mutlak Tarım Arazisi** olarak belirlenmiştir.


Tarım Arazilerinin Korunması Kullanılması ve Planlanmasına Dair Uygulama Talimatına göre yapılan bu işlem sınıf tespiti olup, 5403 Toprak Koruma ve Arazi Kullanımı Kanunu kapsamında nihai izin olmadığı, bu alanda "Güneş Enerji Santrali" yapımı amacıyla 5403 Toprak Koruma ve Arazi Kullanımı Kanunu kapsamında İl Müdürlüğümüzden izin alınması gerekmektedir.

Gereğini bilgilerinize arz ederim.

Kenan ENGİN
İl Müdürü

Ek: Vaziyet Alanları.

Bu belge, güvenli elektronik imza ile imzalanmıştır.
Doğrulama Kodu: E7D70929-8BB7-4D52-AA1C-FDD6B2D06C1A Doğrulama Adresi: <https://www.turkiye.gov.tr/tarim-ebys>
Kağızman cad No 36 Ağrı
Tel: (0472) 215 10 36 Faks: (0472) 215 27 06 Bilgi için: Mehmet ÇELİK
E-Posta: agri@tarim.gov.tr Kep: tarimveormanbakanligi@hs01.kep.tr Mühendis
KEP Adresi: tarimveormanbakanligi@hs01.kep.tr Telefon No: (472) 215 11 87



Attachment 4: Copy of Title Deed



TÜRKİYE CUMHURİYETİ TAPU SENEDİ

TAŞINMAZ BİLGİLERİ	İl:	AĞRI		
	İlçe:	ELESKİRT		
	Mahalle/Köy:	YÜCEKAPIŞEHİTLİ ENĞİN		
	Mevki:	KÖY ÖNÜ		
	Ada:	122	Parsel:	16
	Yüz Ölçümü:	40.000,00 m ²	Cilt/Sayfa No:	9 - 891
Niteliği:	Tarla Çayır ve Ham Toprak			

MALİK BİLGİLERİ	Adı/Soyadı/Baba Adı:	Hissesi:	Hisseye döşen m ² :
	YÜCEKAPI BELEDİYESİ	Tam	40.000,00

TESCİLE İLİŞKİN BİLGİLER	Taşınmaz No:	Edinme Nedeni:	İşlem Bedeli:
	112707204	Satış	200.000,00
Konum Bilgisi:	Tescil Tarihi/Yevmiye No:	Siciline Uygundur	
	26/05/2021 - 2186	Vcılı Tarih: 26/05/2021	



Mülkiyetin dışındaki aynı ve şahsî haklar ile şerh ve belirmeler için tapu siciline müracaat edilmesi gerekmektedir.

Appendix 5: District Governor's Office Land Sale Approval



T.C.
ELEŞKİRT KAYMAKAMLIĞI
Eleşkirt Milli Emlak Servis Şefliği

Sayı : E-49159600-756.02-978410

Konu : Satış

ELEŞKİRT TAPU MÜDÜRLÜĞÜNE

Ağrı ili, Eleşkirt ilçesi, Yücekapı Beldesi Şehit Engin mahallesi bulunan, İ49D05B pafta, 122 ada, 16 parsel numaralı ve 40.000,00 m² yüzölçümlü Hazineye ait taşınmaz 9890041740 Vergi Numaralı Yücekapı Belediye Başkanlığı adına 200.000,00 TL bedelle satılmıştır. Satış bedelinin %25'lik (50.000,00 TL) kısmı tahsil edilmiştir.

Taşınmazın ferağını vermeye 14710449684 kimlik numaralı V.H.K.İ. Harun ARDAL yetkili kılınmıştır. Söz konusu taşınmazın kalan 150.000,00 TL satış bedeli için Hazine lehine kanuni ipotek tesis edilerek, tapu kütüğüne "Kamu tüzelkişilerinin ve kurumlarının sahip oldukları taşınmaz mal, kaynak veya irtifak hakları diğer bir kamu tüzelkişisi veya kurumu tarafından kamulaştırılmaz.

Taşınmaz mala; kaynak veya irtifak hakkına ihtiyacı olan idare, 8 inci madde uyarınca bedeli tespit eder. Bu bedel esas alınarak ödeyeceği bedeli de belirterek mal sahibi idareye yazılı olarak başvurur. Mal sahibi idare devire muvafakat etmez veya altmış gün içinde cevap vermez ise anlaşmazlık, alıcı idarenin başvurusu üzerine Danıştay ilgili idari dairesince incelenerek iki ay içinde kesin karara bağlanır.

Taraflar bedelde anlaşamadıkları takdirde; alıcı idare, devirde anlaşma tarihinden veya Danıştay kararının tebliği tarihinden itibaren otuz gün içinde, 10 uncu maddede yazılı usule göre mahkemeye başvurarak, kamulaştırma bedelinin tespitini ister. Bu durumda yapılacak yargılamada mahkemece, 29/6/1938 tarihli ve 3533 sayılı Kanun hükümleri uygulanmaz.

Mahkemece, 10 uncu maddede öngörülen usule göre kamulaştırma bedeli olarak tespit edilen miktarın, peşin ve nakit olarak mal sahibi idareye verilmek üzere belirleyeceği bir bankaya yatırılması ve yatırıldığına dair makbuzun ibraz edilmesi için alıcı idareye onbeş gün süre verilir. Gereken hallerde bu süre bir defaya mahsus olmak üzere uzatılabilir. Alıcı idare tarafından kamulaştırma bedelinin mal sahibi idare adına bankaya yatırıldığına dair makbuzun ibrazı halinde mahkemece, taşınmaz malın alıcı idare adına tesciline ve kamulaştırma bedelinin mal sahibi idareye ödenmesine karar verilir ve bu karar, tapu dairesine ve paranın yatırıldığı bankaya bildirilir. Tescil hükmü kesin olup tarafların bedele ilişkin temyiz hakları saklıdır.

Bu suretle devir alınan taşınmaz mal, kaynak veya irtifak hakkı, sahibinden kamulaştırma yolu ile alınmış sayılır ve devir amacı veya devreden idarenin izni dışında başkaca bir kamusal amaçla kullanılamaz. Aksi takdirde devreden idare, 23 üncü madde uyarınca taşınmaz malı geri alabilir. Bu husus tapu kütüğünün beyanlar hanesine şerh verilir.

İçişleri Bakanlığının güvenlik gerekçesiyle ihtiyaç duyduğu, kamu kurum ve kuruluşları, belediyeler ve il özel idareleri dâhil mahalli idareler ve diğer kamu tüzel kişilerine ait taşınmazlar, kaynak veya irtifak hakları, Cumhurbaşkanı kararıyla resen Hazine adına tescil ve İçişleri Bakanlığına tahsis edilir. Taşınmazın bedeli, tescil işleminden itibaren altmış gün içinde bu Kanunun 11 inci maddesinde belirtilen kriterler de dikkate alınmak suretiyle valiliklerce resen tespit edilir. Bedele ilişkin itirazlar Danıştaya yapılır. İtirazlar tescil işlemini durdurmaz. Mahkemelerce ihtiyati tedbir ve

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Doğrulama Kodu: C605C41C-15B7-4CE8-S923-34C55ABFF978

Doğrulama Adresi: <https://www.turkiye.gov.tr/ebd>

Bilgi için: Harun ARDAL

Şef
Telefon No: (472) 711 49 36



Appendix 6. Land Sale Contract b-1

TAKSİTLİ SATIŞ SÖZLEŞMESİ

MADDE 1-

Satışı yapılan taşınmazın : 04040103761

İli : Ağrı

İlçesi : Eleşkirt

Mahalle/Köyü : Yücekapı - Şehit Engin Mahallesi

Mevkii : KÖY ÖNÜ

Pafta No / Cilt No : I49D05B / 9

Ada No / Sayfa No: 122

Parsel No : 16

Yüzölçümü : 40.000,00 m²

Hisse Pay/Payda : 1,00 / 1,00

Satış Bedeli : 200.000,00 TL

Satılan Miktar : 40.000,00 m²

Alıcının:

Adı-Soyadı, Unvanı : YÜCEKAPI BELEDİYE BAŞKANLIĞI

T.C. Kimlik No /

Vergi Kimlik No : 9890041740 /

Telefon Numarası :

Adresi : YÜCEKAPI BELDESİ ELEŞKİRT/AĞRI

Alıcı, bu sözleşmede yazılı olan adresi tebligat adresi olarak kabul etmiştir. İdare tarafından alıcıya yapılacak her türlü ihbar ve tebligat bu adrese gönderilir. Adres değişikliğinin idareye yazılı olarak bildirilmesi zorunlu olup, adres değişikliği nedeniyle alıcıya ulaşmayan tebligattan dolayı idare sorumlu değildir.

MADDE 2- SATIŞ BEDELİNİN TAHSİLİ VE ÖDENME ŞEKLİ

Satış bedelinin 50.000,00TL (Elli Bin TL) peşin, kalan TL (Yüz Elli Bin TL) ise aşağıdaki taksit tablosunda belirtilen taksitler halinde ve kanuni faizi ile birlikte tahsil edilir.

Taksitle ödeme halinde, satış bedelinin en az yüzde yirmibeşinin peşin ödenmesi gerekmektedir. Satış bedelinin tamamı ödenmeden tapuda ferağ verilmaz. Ancak, taksit tutarlarını ve kanuni faizlerini karşılayacak miktarda kesin ve süresiz banka teminat mektubu verilmesi veya satışı yapılan taşınmazın üzerinde 22/11/2001 tarihli ve 4721 sayılı Türk Medeni Kanunu hükümleri uyarınca Hazine lehine kanuni ipotek tesis edilmesi halinde, taşınmaz alıcısı adına devredilir.

(Değişik paragraf:RG-14/3/2009-27169) Üst üste iki taksitin vadesinde ödenmemesi durumunda, alıcıya borcunu ödeme tarihine kadar tahakkuk edecek faizi ile birlikte onbeş gün içinde ödemesi, aksi takdirde sözleşmenin feshedileceği idarece bildirilir.

TAKSİT TABLOSU

TAKSİT SAYISI	TAKSİT TARİHİ	KALAN ANAPARA	TAKSİT MİKTARI	FAİZ MİKTARI	ÖDENECEK TOPLAM TAKSİT
1	22.11.2021	150.000,00	37.500,00	1.719,86	39.219,86
2	20.05.2022	112.500,00	37.500,00	3.375,00	40.875,00
3	21.11.2022	75.000,00	37.500,00	5.085,62	42.585,62
4	22.05.2023	37.500,00	37.500,00	6.768,49	44.268,49

Toplam Faiz: 16.948,97 Toplam Taksit: 150.000,00

47

Appendix 7. Land Sale Contract b-2

MADDE 3- FAİZ ORANININ DEĞİŞMESİ

Sözleşme süresi içinde kanuni faiz oranının değişmesi halinde, kalan borç tutarı, faiz oranı değişikliğinin yapıldığı tarihten itibaren yeni faiz oranları esas alınarak hesaplanır.

MADDE 4- SÖZLEŞMENİN FESHİ

Tebliğata rağmen borcun ödenmemesi halinde, taşınmaz Hazine mülkiyetinde ise sözleşme feshedilerek, ihale ile yapılan satışlarda geçici teminat olarak belirlenmiş tutar, doğrudan satışlarda ise satış bedelinin yüzde onu, Hazineye irat kaydedilir ve satış bedeli olarak tahsil edilen tutarlardan mahsup edilerek kalanı faizsiz olarak alıcıya aynen iade edilir. Taşınmaz, teminat mektubu veya ipotek tesis edilerek alıcı adına tescil edilmiş ise teminat mektubu veya ipotek paraya çevrilerek, kalan borç faizi ile birlikte tahsil edilir.

MADDE 5- UYGULANACAK HÜKÜMLER

Bu sözleşmede hüküm bulunmayan hallerde, Hazineye ait taşınmazların satışına ilişkin mevzuat hükümleri uygulanır.

MADDE 6- İHTİLAFLARIN ÇÖZÜM YERİ

İhtilaf halinde Eleşkirt Mahkemeleri ve İcra Daireleri yetkilidir.

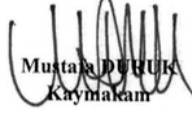
MADDE 7-DİĞER HÜKÜMLER

Taşınmaz mal, kaynak veya irtifak hakkı, sahibinden kamulaştırma yolu ile alınmış sayılır ve devir amacı veya devreden idarenin izni dışında başkaca bir kamusal amaçla kullanılamaz. Aksi takdirde devreden idare, 23 üncü madde uyarınca taşınmaz malı geri alabilir. Bu husus tapu kütüğünün beyanlar hanesine şerh verilir.

İşbu sözleşme 7 maddeden ibaret olup, 2 nüsha halinde düzenlenerek, birlikte imza altına alınmıştır. 18.05.2021

TARAFLAR

İTA AMİRİ


Mustafa DUBUK
Kaymakam

ALICI

Nurettin ÖZTÜRK
Yücekapı Belediye Başkanı


18.05.2021 V.H.K.İ. Harun ARDAL 

Hükümet Konağı Kat:2 Eleşkirt/AĞRI
Telefon: : 0 472 711 4936 Belgegeçer: 0 472 711 4021

Ayrıntılı bilgi için irtibat: Harun ARDAL V.H.K.İ.
e-posta:

Appendix 8. SPP Area of Influence



Figure1 , Primary area of influenceof the Sub-Project

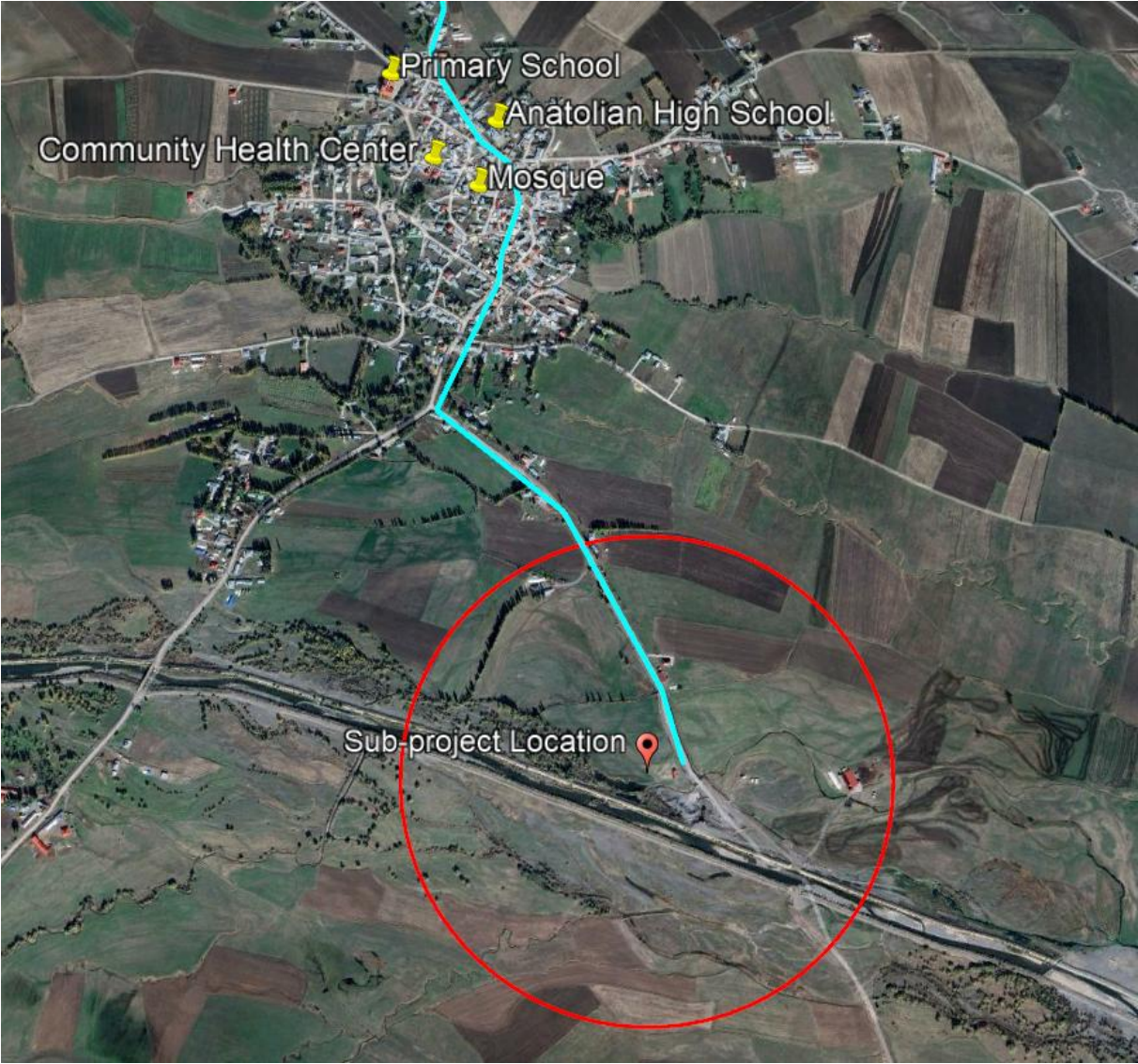


Figure2 : Mosque, School, and Health Center



Figure3 : Sub-project Primary area of influence, Surrounding Settlements, and Transportation Routes



Figure4 : Boundaries of Yücekapı Neighborhood

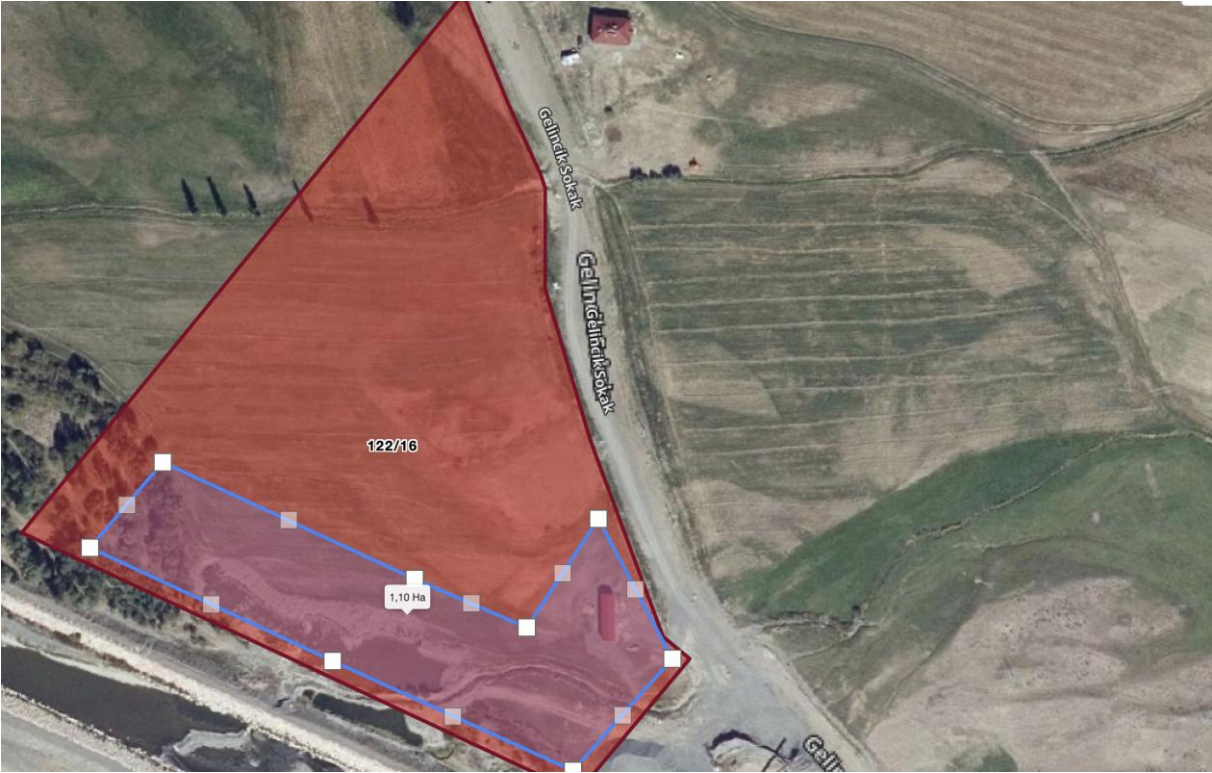


Figure5 Area where the panels will be installed

Appendix 9. SPP Panel Layout

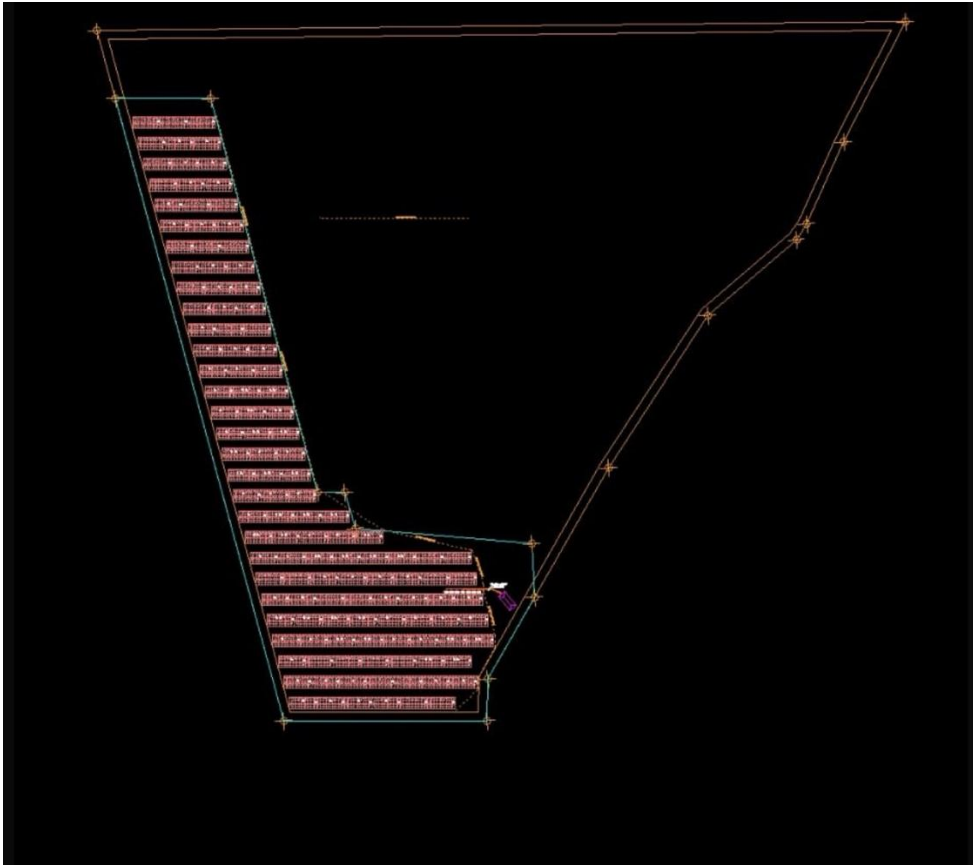
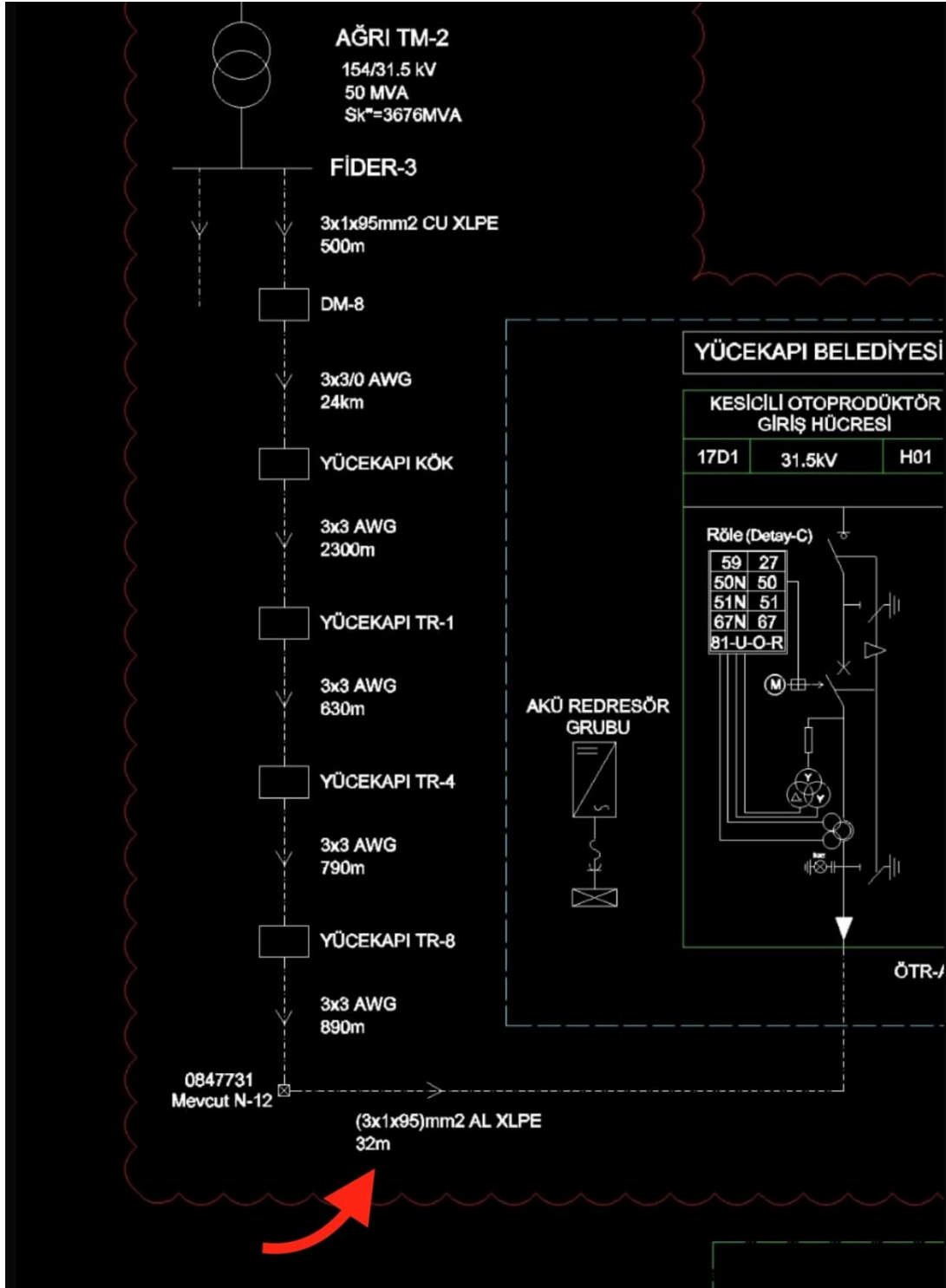
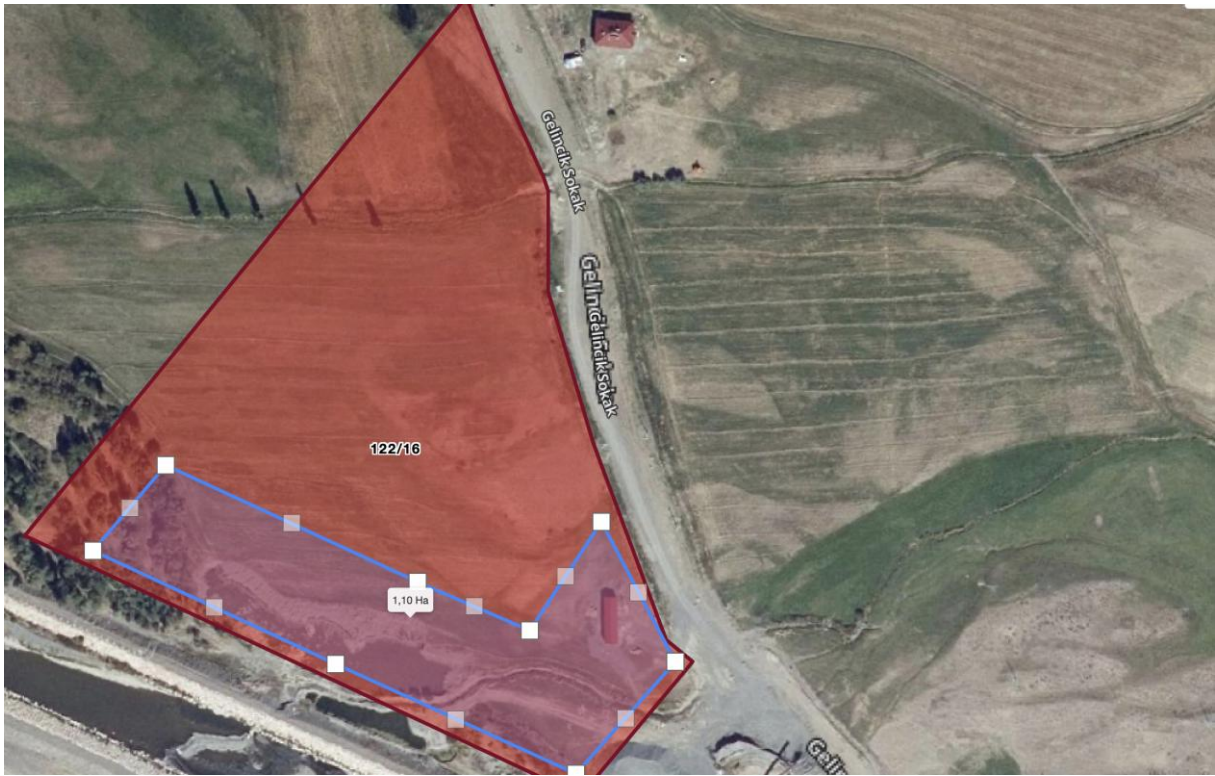


Figure6 -Panel Layout

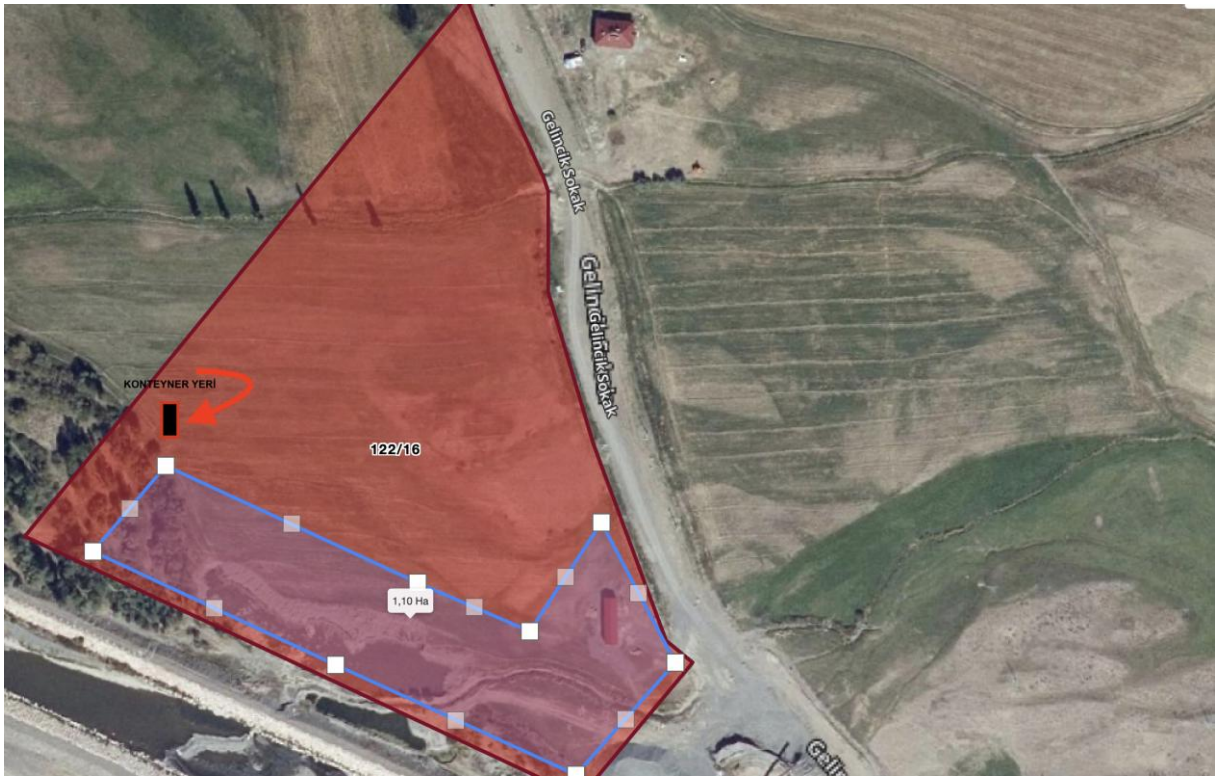
Appendix 10. ETL



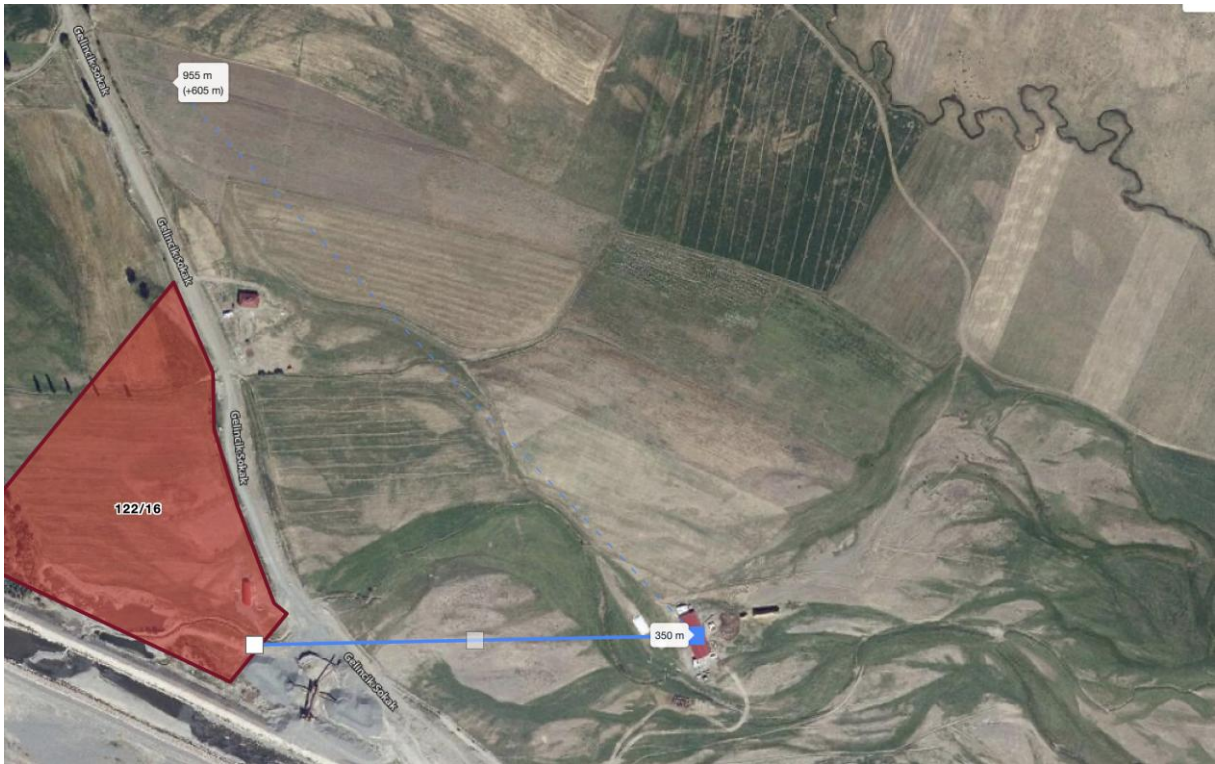
Appendix 11. 11-acre SPP Site



Appendix 12. Container Site



Appendix 14. Nearest Living Area



Appendix 15. Flood Channel - Watercourse



Appendix 16. Sand Quarry



Appendix 17. Distance to Neighborhood and Town Center



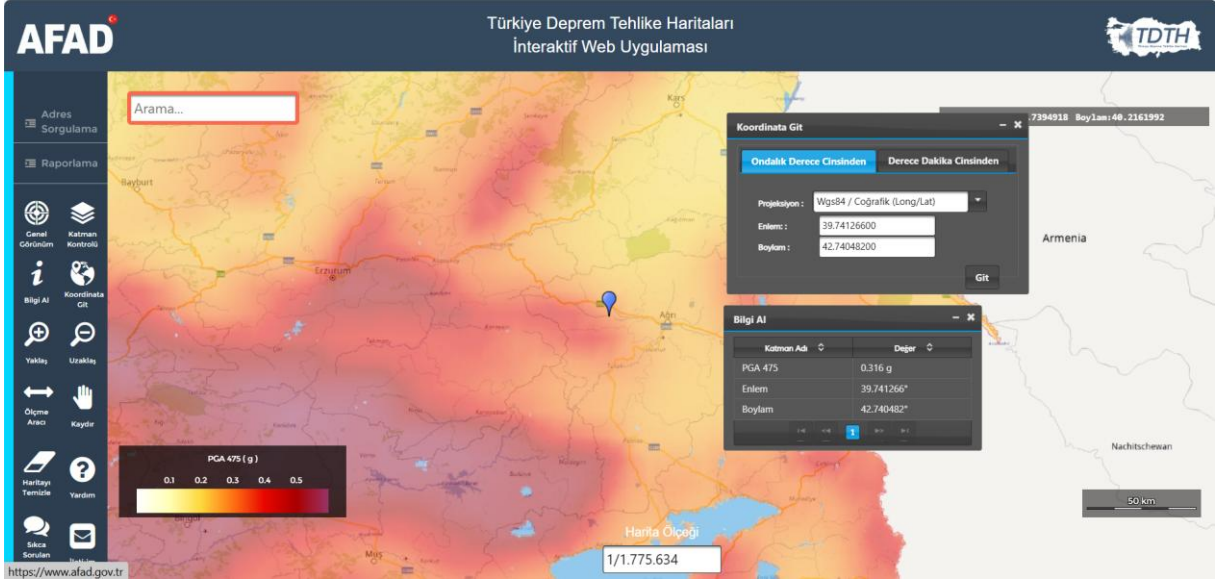
Appendix 18. Nearest Villages



Appendix 19. Land Photographs



Appendix 20. AFAD-Turkey Earthquake Hazard Maps Interactive Web Application Screenshot



Appendix 21. Screen Shot of the Environmental Planning Map



Appendix 22. Construction Notification Template

“We apologize for any inconvenience caused to the community!”

**YÜCEKAPI MUNICIPALITY
YÜCEKAPI SPP SUB-PROJECT CONSTRUCTION WORK
Project Duration: 2 MONTHS**

For grievances, requests, questions, and comments:

CONTRACTOR : **Address:**
NAME

Phone:

Email:

Contact Form:

EMPLOYER : **Address: Yücekapi Municipality**

Phone: 0.472 . 717 64 36

Email: agri.yucekapi.belediyesi@gmail.com

Contact Form:

Provinces Bank Inc. **Address: İller Bankası A.Ş., Emniyet Neighborhood,**
(İLBANK) **Hipodrom Street No. 9/21, Yenimahalle/ANKARA**

Phone: 0 (312) 508 79 79

Email: uidbbilgi@ILBANK.gov.tr

Contact Form:
<https://www.ILBANK.gov.tr/form/bilgiedinmeuluslararasi>



Appendix 23. E&S Incident Report Form

1) Incident Details		
Incident Date: [Please enter]	Incident Time: [Please enter]	
Location of the Incident:	[Please add]	
Sub-Borrower Name:	[Please add]	
Date Reported to ILBANK: [Please enter]	Entity Reporting to ILBANK: [Please enter]	Method of Reporting: [Please enter]
Date Reported to the World Bank: [Please specify]	Person Reporting to the World Bank: [Please add]	Type of Report: [Please enter]
Contractor Name:	[Please enter]	
Subcontractor Name (please indicate whether involved in the incident):	[Please enter]	
2) Incident type (please check all that apply)		
<input type="checkbox"/> Death <input type="checkbox"/> Lost-time injury <input type="checkbox"/> Child labor <input type="checkbox"/> Forced labor	<input type="checkbox"/> Environmental pollution incident <input type="checkbox"/> Disease outbreaks <input type="checkbox"/> Acts of violence/protests <input type="checkbox"/> Other	
3) Description/Narrative of the Incident		
4) Measures taken to bring the incident under control		
For incidents involving a Contractor:		
Contractor's Name: _____		
Were operations suspended? Yes No <input type="checkbox"/> <input type="checkbox"/>		
5) What kind of support was provided to those affected?		
[Please briefly explain]		
6) Please provide supporting documents regarding the incident, victims, and relevant parties		
(e.g., copies of social security records, statements from victims and witnesses, notifications to official authorities, criminal investigation reports, training records, photographs, etc.)		

Appendix 24. Simplified Labor Management Procedure



Ađrı Yücekapı 0,7
MWh SPP sLMP Clean

Appendix 25. Roles and Responsibilities

Party	Role	Key Responsibilities
Sub-borrower		
Sub-Borrower	Sub-Borrower Management	<ul style="list-style-type: none"> Throughout the life cycle of the sub-financing agreement (including the performance of sub-project contractors), the Sub-Borrower must assume ultimate responsibility for the sub-project's E&S performance and fulfill this responsibility to the satisfaction of ILBANK. Following the signing of sub-financing agreements, a Sub-Project Implementation Unit (PIU) must be established to carry out operational and administrative tasks, oversee the implementation of E-S tools, and monitor progress; the necessary resources must be allocated within the p PIU for the assignment/employment of in-house environmental, social, and OHS personnel. The preparation of the E-S tools and procedures requested by ILBANK must be ensured within the timeframes agreed upon with ILBANK; the Sub-Borrower must allocate sufficient financial and human resources from its own funds and/or the sub-project loan and implement them. In collaboration with ILBANK representatives, the ESD and other E-S obligations to be included in the sub-financing agreements to be concluded between the Sub-Borrower and ILBANK must be discussed and agreed upon (with the support of the UN's E-S team, if necessary). Ensure that ILBANK's EHSS requirements are incorporated into the contractor bidding and contract documents to be prepared in coordination with the construction supervision consultant. In the event of an imminent and serious threat to health, safety, or the environment, the authority and responsibility to suspend relevant work activities must be exercised; work must not continue until necessary corrective measures are taken. The necessary resources must be allocated to monitor the HSE performance of the sub-project and report it to ILBANK in accordance with the terms of the sub-financing agreement (in line with IFI standards). Monitoring visits and audits to be conducted by ILBANK and/or its consultants must be facilitated; the necessary information and site access must be provided. Any significant E&S incident or accident must be reported to the ILBANK RD-E&S teams within 24 hours of the incident/accident date. In accordance with the contract, supervision consultants and/or contractors must be required to report such incidents immediately (the timeframe will be determined by ILBANK). For significant incidents or accidents, a E&S Incident Investigation Form must be prepared in accordance with the template provided in the E&S Surveillance-Monitoring-Reporting Procedure and submitted to ILBANK within 15 days of the incident date. The investigation must be supported by a Root Cause Analysis (RCA) conducted in accordance with Good International Industry Practices (GIIP). <p>Six-monthly E&S monitoring reports must be prepared and submitted to ILBANK.</p>
	H&S Team - Environmental staff - Social services specialist - OHS staff	<ul style="list-style-type: none"> Participation in training sessions organized by ILBANK under the ILBANK ESMS Training Procedure is required. The E&S documents requested by ILBANK must be prepared by qualified independent experts and submitted to ILBANK for evaluation and credit processes. Sufficient information and documents must be provided to ILBANK to enable a E&S assessment in accordance with the ESMS (e.g., a properly completed Sub-Borrower questionnaire, supporting documents to be requested under the E&S Screening and Risk Classification and ESMS procedures). Support should be provided to the Sub-Borrower's management, as needed, during the review and evaluation processes of the EIA and other

Party	Role	Key Responsibilities
		<p>EIA-related agreements to be included in the sub-financing agreements to be concluded between İLBANK and the Sub-Borrower.</p> <ul style="list-style-type: none"> • The compliance of sub-project operations (including contractor activities in the field) with national legislation and the World Bank's E&S requirements set forth in the sub-financing agreement, the ESAP, and sub-project-specific E&S documents must be ensured. • The sub-project's ESD performance must be monitored and reported to İLBANK in accordance with World Bank standards and the terms of the sub-financing agreement. • If E-S non-conformities are identified, corrective actions must be implemented within a reasonable timeframe in coordination with the İLBANK General Directorate and relevant teams. • Construction supervision consultants, contractors, and/or external E&S consultants must be coordinated to collect monitoring data and prepare/compile periodic monitoring reports (or provide input for the reports). • Access to sub-project facilities, the site, and relevant records must be provided to İLBANK representatives (including individual consultants).
Construction Supervision Consultants (" <i>Consultants</i> ")	Management and H&S Staff	<ul style="list-style-type: none"> • The following tasks must be performed on behalf of the sub-borrowers: • Participation in training sessions organized by İLBANK in accordance with the requirements of the İLBANK HSE Training Procedure must be ensured. • Contractors' construction activities must be monitored on-site; the daily implementation of HSE requirements specific to the sub-project by contractors must be monitored. • Support must be provided to ensure sufficient HSE capacity for the implementation of HSE requirements specified in the sub-financing agreements between the Sub-Borrower and İLBANK. • HSE management documents prepared by construction contractors must be reviewed/inspected; they must be submitted to the Sub-Borrower after the evaluation is completed. • Monthly E-S self-monitoring reports prepared by contractors should be reviewed to identify E-S issues and/or non-conformities at an early stage; these reports should be submitted to the Sub-Borrower after the evaluation is completed. • Regular monthly reports on the environmental, social, and OHS performance of the sub-project during the construction phase must be prepared and submitted to the Sub-Borrower. • ES non-conformities on-site must be identified; contractors must be required to implement corrective actions within the defined and agreed-upon timeframes. • Support should be provided to the Sub-Borrower, upon request, in the preparation of periodic E-S monitoring reports to be submitted to İLBANK in accordance with the İLBANK E-S Audit, Monitoring, and Reporting Procedure. • Any significant HSE incident or accident occurring within the scope of sub-project operations must be reported to the Sub-Borrower within 24 hours of the incident/accident date.
Construction Contractor	Management and HSE Personnel	<ul style="list-style-type: none"> • Sufficient E&S capacity must be provided to ensure compliance with the E&S requirements specified in the construction contracts. • Participation in training sessions organized by İLBANK in accordance with the requirements of the İLBANK HSE Training Procedure must be ensured. • As required by the construction contracts, H&S management plans and procedures specific to the sub-project must be prepared prior to commencing work.

Party	Role	Key Responsibilities
		<ul style="list-style-type: none"> • National legislation must be complied with; the HSE requirements contained in the sub-financing agreements signed between İLBANK and the Sub-Borrower, as well as in the construction contracts, must be implemented. • H&S monitoring reports, to be prepared at the frequency specified in the H&S Plan, must be formatted in accordance with the template provided by İLBANK and submitted to the Sub-Borrower through the construction supervision consultant (advisor). • Monthly occupational health and safety (OHS) forms must be completed and reviewed by the construction supervision consultant. • If H&S non-conformities are identified, necessary corrective actions must be implemented under the supervision of the Sub-Borrower and in coordination with the construction supervision consultant. • Any significant H&S incident or accident occurring during operations related to the sub-project must be reported to the Sub-Contractor immediately (no later than 24 hours).

Appendix 26. Chance Finds Procedure

Introduction

This document defines the Change Finds Procedure to be applied within the scope of the subproject and explains the procedures to be followed in the event of chance finds arising during construction activities related to the subproject.

Scope

This Chance Finds Procedure (CFP) will be applied to the 700 kWh solar power plant sub-project of Yücekapı Municipality for the purpose of managing any accidental discoveries that may be encountered during construction activities. The purpose of the CFP document is:

- To identify the applicable laws and standards related to this procedure,
- To define roles and responsibilities,
- To establish the sub-project commitments, operational procedures, training requirements, and relevant guidelines,
- To define monitoring and reporting procedures.

Although there are no known archaeological sites or remains within the sub-project area, the possibility of encountering archaeological findings during the construction process is taken into account. In particular, there is a risk of discovering or adversely affecting archaeological resources during the installation of panels on the ground. This procedure has been prepared to inform contractors and workers of the necessary actions to take in the event of an accidental archaeological discovery.

Although there are no known archaeological sites or remains within the Sub-Project area, the following activities have a high potential to lead to the discovery of archaeological resources or adversely affect them:

- Topsoil removal
- Excavation and earthwork

This CFP has been prepared to inform contractors and workers about the procedures to be followed in the event of an archaeological chance find.

Regulations and Standards

The regulations and standards applicable to the sub-project include the following:

- World Bank Environmental and Social Standard (ESS) 8: Cultural Heritage
- Cultural heritage commitments and provisions contained in the ESMP/ESAP/ESMP and related E-S documents pertaining to the sub-project

National Legislation

- Law No. 2863 on the Protection of Cultural and Natural Assets and related secondary legislation
- Procedures and guidelines listed by the Ministry of Culture and Tourism and the Regional Conservation Boards (including notification, conservation, and intervention processes)
- Provisions of other relevant national legislation (regulations regarding the protection of cultural assets during construction/excavation activities)

Institutional and other requirements

- Permit/approval conditions and written instructions of relevant public institutions (including the Conservation Board and Museum Directorate)

- Contracts to be implemented under the sub-project, on-site occupational safety and health (OHS) and environmental procedures, and provisions regarding the “work stoppage–notification–protection” steps
- Good International Industry Practices (GIIP) and relevant sector guidelines, to the extent applicable

Movable and immovable cultural assets in Turkey, as well as immovable cultural and natural assets requiring protection, are protected under the Law on the Protection of Cultural and Natural Assets No. 2863 (Official Gazette No. 18113 dated July 23, 1983). Under the provisions of the Law: immovable cultural assets constructed up to the end of the 19th century, as well as those constructed after the 19th century that have been deemed worthy of protection by the Ministry of Culture and Tourism, immovable cultural assets located within archaeological site areas, structures/areas bearing witness to the National Struggle and the founding of the Republic of Turkey, and structures used by Mustafa Kemal Atatürk (regardless of age or registration status) may fall under the scope of protection. Decisions regarding the protection of cultural heritage fall under the authority and responsibility of the Ministry of Culture and Tourism, and the implementation processes are carried out through the Regional Cultural Heritage Protection Boards. Since the sub-project area is located in Ağrı Province, it is assessed that the competent regional council is the Van Regional Council for the Protection of Cultural Assets. For activities that may affect protected areas (construction, demolition, excavation, etc.), the necessary permit/approval processes must be completed in accordance with relevant legislation.

Roles and Responsibilities

The key roles and responsibilities for implementing this procedure are summarized below.

Role	Responsibility
Contractor - Project Manager	<ul style="list-style-type: none"> • Ensure the development, review, approval, and coordination of activities necessary to initiate, execute, and complete the construction. • Ensure that the CFP is prepared based on the activities carried out under the sub-project and updated as necessary. • Provide sufficient resources (time, personnel, equipment, etc.) to implement the measures specified in the CFP
Contractor - Environmental and Social (E&S) Specialist	<ul style="list-style-type: none"> • Ensure the initiation, development, implementation, and on-site coordination of the CFP during construction. • Provide adequate training to all site personnel and subcontractors regarding the steps and guidelines outlined in this procedure; establish appropriate control procedures and conduct site inspections as needed. • In the event of potential archaeological chance finds, communicate with relevant public institutions, conduct necessary consultation processes, and prepare reports. • To document approved incidental finds using the “Incidental Find Reporting Form”; to keep copies of the forms in the logbook/filing system and ensure the records remain up-to-date.
Contractor - Site Manager	<ul style="list-style-type: none"> • Implement the provisions of the CFP on-site on a daily basis during construction. • Notify the E&S Specialist of any potential findings during construction.
Employees	<ul style="list-style-type: none"> • Understand and comply with the archaeological chance find procedures and guidelines specified in this procedure. • Report potential incidental finds to the project manager.

Impact Prevention and Mitigation

In the event of an archaeological discovery, the following actions will be taken:

- All personnel involved in site clearing and excavation activities will assume responsibility for managing archaeological preservation and will be trained by the E&S Specialist on these matters.
- In the event of encountering any potential chance find, all construction activities in the vicinity of the find will be immediately halted.
- The Site Manager will be contacted immediately. The location of the discovered site, the characteristics of the potential archaeological material, and photographs will be recorded by the Site Manager, who will also inform the Cultural Heritage Specialist.
- A report must be submitted to the Ağrı Museum Directorate within three days of encountering the chance find. The contact information for the Ağrı Museum Directorate is provided below:
Address: Culture and Congress Center, Abide Neighborhood, Yaşar Kemal Street, 2nd Floor, AĞRI
Phone: 0472 280 17 00
Email: iktm04@kulturturizm.gov.tr
- The site and its surroundings will be secured against damage or loss for 24 hours until they are inspected by the competent authority.
- The Archaeologist will complete an "Incidental Find Form" for each approved incidental find and notify the Project Manager of the date when construction work may resume, as determined by the authorities responsible for heritage protection.
- Other steps to be followed for the management of finds and the appropriate plan to be implemented (changes to the site plan, conservation, protection, restoration, and salvage) will be determined by the responsible authorities and reported in writing.
- Photographs of potential artifacts that may be encountered at the construction site are provided in the following pages for use during the training of relevant personnel.

Verification and Monitoring

The E&S Specialist(s) will document all cases of archaeological chance finds. For each chance find approved by the competent authority, they will complete a "Chance Find Reporting Form" and keep copies in a logbook. A sample reporting form that can be used to record incidental finds is provided below. The Incidental Finds logbook will be summarized annually, and the records will be included in six-monthly monitoring reports to verify that proper management procedures are being followed. If this CFP is not followed, corrective actions will be taken.

Reporting

The Contractor shall comply with reporting requirements, including incidental findings as defined in the site-specific EIA (The contractor will prepare monthly and quarterly monitoring reports and submit them to the Consultant Yücekapı Municipality; Yücekapı Municipality will review the reports and forward them to İLBANK every three months (and monthly if requested by İLBANK); İLBANK will regularly submit six-monthly monitoring reports to inform the World Bank.

Yücekapı Municipality 700 kWh Solar Power Plant Sub-Project Chance Find Report Form	
RECORD	
Name of the person recording:	
Date and time of discovery:	
Site Name:	Coordinates
	X Y
Description of the find:	
Photo:	
Estimated weight and dimensions:	
Contact Person	
Name/Title/Position:	
Date and Time:	
Contact Information:	
Meeting details:	
DECISION	
Any protective measures to be implemented:	
Movable or immovable: If movable, please specify the new location.	
Other necessary actions:	
Resumption date and time:	
Notes:	
SUBMIT	
Name:	Date:

Appendix 27. Change Notification Form

Change Notification Form	
Subproject Name	
Subproject Location	
Subproject Phase	<input type="checkbox"/> Pre-construction
	<input type="checkbox"/> Construction
	<input type="checkbox"/> Process
Name of the institution reporting the change	
Date	
Category of Change <i>(please select all that apply)</i>	<input type="checkbox"/> Regulatory Change
	<input type="checkbox"/> Design Change
	<input type="checkbox"/> Program change based on E&S factors
	<input type="checkbox"/> Sub-project schedule changes resulting from technical, financial, legal, or administrative factors
	<input type="checkbox"/> Changes resulting from E&S issues encountered during sub-project implementation
	<input type="checkbox"/> Change in Contractor or Construction Supervision Consultant
	<input type="checkbox"/> Other <i>(please specify below)</i>
Detailed Explanation of Changes	
Documents Submitted with the Change Notification Form	
Name of the Personnel Reporting the Change	
Position of the employee reporting the change	
Signature	