



KYRGYZ REPUBLIC
COMMUNITY DEVELOPMENT AND INVESTMENT AGENCY
(ARIS)

THIRD VILLAGE INVESTMENT PROJECT
(VIP3)

**Microproject: “Street Lighting in the Village of Khunchi” Birdik AA, Isyk-Ata
Rayon, Chui Oblast**

ENVIRONMENTAL MANAGEMENT PLAN CHECK LIST

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ABREVIATIONS

AA	Ayil Aymak
ARIS	Community Development and Investment Agency
ACM	Asbestos-Containing Materials
WB	World Bank
SAEPF KR	State Agency on Environment Protection and Forestry
SETI	State Environmental and Technical Inspection under the Government
SC	Small Cattle
EMP	Environmental Management Plan
SEC	Sanitation and Epidemic Control
TS	Technical Specifications
APC	Architectural and Planning Conditions

PART 1: PROJECT BACKGROUND

ADMINISTRATIVE AND ORGANIZATIONAL CONDITIONS				
Organizational Conditions (Personal and contact information)	Project Management ARIS VIP-3 Coordinator M.E. Bayaliev Tel: 0312 30-01-50-217		Local Party and/ or Beneficiary Head of Birdik AA, Isyk-Ata Rayon, Chui Oblast M. K. Baidovletov Mob: 0700776847 Tel: 0(3 132) 7 -04-00; 7 -04-01	
Implementation mechanisms (Personal and contact information)	Environmental Safety Monitoring T. Kandzhebaev Safeguards Specialist 0555667466	Local Contractor Performance Monitoring S. Abdykadyrov ARIS Regional Engineer 0779 045656 Tel: 0703022077	Local Inspecting Authority Monitoring SETI Technical Supervision Engineer in Chui Oblast	Contractor To be selected by tender
SITE DESCRIPTION				
Construction Object Name	Street lighting in the Village of Khunchi: Gagarin-Dyvaev Street up to 700-1000 m long, located along the local road, belong to municipal property. Upon completion, the facility will be transferred to and maintained by the Village Administration Google Earth coordinates of the construction site			The site location is on page 14. The site image is on page 13.
Land Owner	Engineering documents (topographic survey -1: 500 M scale, engineering specifications) were received from the District Department of Architecture, including a design sketch from the district Power Distribution Company.			
Work Description	The following installation works have been planned: - installation of electric cables 700-1000 meters long - installation of metal brackets for two carob outdoor lamps- 50 pcs - installation of LED energy-saving lamps – 25 pcs - installation of a distribution box -installation of a 225kVA distribution board			
Geographical, Physical, Biological, Geological, Environmental and Socio-Economic Background	Site location: the Village of Khunchi belongs to Birdik Village Administration and borders with Ak-Kuduk Village Administration. The village is 35 km away from the regional center and 23 km from the nearest district center. Altitude is 890 m. Population is 179, including 82 females. Number of households is 31. Number of direct beneficiaries is 179 people. There are no nature protection objects (nature reserves, cultural monuments, historical and architectural sights) on or near the site.			

	<p><i>The relief</i> is flat. No mudflows, landslides, no signs of soil erosion have been noted on the site before. The surface of the earth is soft. Construction work will not damage the soil and will not affect the landscape.</p> <p><i>Plant cover</i>: during construction, there will be no cutting of wood and shrubs. The Contractor agrees and approves the possible pruning of branches with local authorities.</p> <p>If the construction work is carried out in areas other than the building easement, cutting trees and shrubs will be carried out in accordance with a permit issued by a specially authorized body for environmental protection.</p> <p><i>Water supply</i>: centralized water supply is located in the village.</p> <p><i>Sewerage system</i>: There is no centralized sewage system.</p> <p><i>Power supply</i>: The power supply is regular with occasional blackouts in the event of breakdowns. During the repair period there are temporary outages.</p> <p><i>Asbestos-containing materials</i>: none</p> <p><i>Resettlement</i>: WB “Involuntary Resettlement” policy is not required</p>
Location and distance from material supply point, inert materials and water resources	To be identified by the Contractor. Construction markets are located in Kant and Bishkek.
ENVIRONMENTAL LEGISLATION	
National legislation and permits that apply to project activities	<ul style="list-style-type: none"> • The Law of the Kyrgyz Republic “On Environmental Protection” (2016) • The Law of the Kyrgyz Republic “On Environmental Expertise” (2015) • The Law of the Kyrgyz Republic “The General Technical Regulation on Providing Ecological Safety in the Kyrgyz Republic” (2012) • Law of the Kyrgyz Republic “On Industrial and Consumer Waste (2001) <p><u>The Contractor is responsible for:</u></p> <ul style="list-style-type: none"> • <u>Obtaining permission for construction work issued by the District Department for Architecture and Urban Development</u> • <u>Obtaining permission for construction work issued by the Power Distribution company (RES)</u>
PUBLIC HEARINGS	
Indicate where and when public hearings took place	Public consultations took place in the Village of Khunchi on 09/10.18 during the selection of priority sites for the second qualifying round. Public hearings to discuss the microproject design were held on 01/16/19.
INSTITUTIONAL CAPACITY DEVELOPMENT	
Is capacity development expected?	<p><input type="checkbox"/> NO или <input checked="" type="checkbox"/> YES</p> <p>The following trainings were held: “Joint Rural Needs Assessment”, “Local Area Development Strategy”, “Development of Project Proposals (environmental assessment criteria)”.</p>

PART 2: ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

	Work Activities and Examples of Possible Impacts	Status – If the Answer Is “YES”	Additional References
Can the planned work on the site directly or indirectly cause any of the following problems and/or impacts:	1. Reconstruction/Rehabilitation <ul style="list-style-type: none"> Traffic Load Increased levels of noise, dust, pollution of water and soil during removal and/or rehabilitation Construction and consumer waste 	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	See paragraphs A and B below
	2. New Construction <ul style="list-style-type: none"> Consequences of earthmoving and soil erosion Disposal of wastewater into local streams and the subsurface horizons Traffic Load Increased levels of noise, dust, pollution of water and soil during construction Construction waste 	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	See paragraphs A and B below
	3. Occupational Safety and Health	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	See paragraph A below
	4. Traffic and pedestrian safety <ul style="list-style-type: none"> The site is located in the residential areas 	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	See paragraph D below
	5. Improving design of buildings for the efficient use of water and energy	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	See paragraphs F and H below
	6. Sewage water treatment <ul style="list-style-type: none"> Sewage system and / or direct disposal of wastewater into local streams 	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	See paragraph L below
	7. Historic buildings and areas <ul style="list-style-type: none"> Destruction of historical and cultural heritage 	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	See paragraph K below
	8. Land acquisition for project activities ¹ <ul style="list-style-type: none"> Private property use Temporary relocation of population due to construction work Involuntary resettlement measures Impacts on local incomes and businesses 	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	See paragraph M below

¹Land acquisition (planning of land use) includes relocation of local population; changes in the livelihoods of the local population; invasion of privately owned territories. This applied to land that is acquired or transferred for project activities, and such acquisitions or transfers are related to the impact on people who officially and/or informally live on this land and/or engaged in some kind of businesses on it (for example, small shops).

	Work Activities and Examples of Possible Impacts	Status – If the Answer Is “YES”	Additional References
	9. Hazardous or toxic materials ² <ul style="list-style-type: none"> Hazardous and/or toxic construction waste management 	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	See paragraph C below
	1. Impact on forests and/or other protected areas <ul style="list-style-type: none"> Concern for the local natural habitat of protected animals 	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	See paragraph I below
	10. Medical waste management <ul style="list-style-type: none"> Disposal of medical waste on or off site 	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	See paragraph J below

6 Toxic and hazardous materials include, but are not limited to asbestos, toxic paints and solvents, tetraethyl lead-based paint removal, etc.

PART 3: MITIGATION PLAN

Activity	Parameters	Mitigation Checklist
A. General working conditions	Informing, instruction and labor safety	<ul style="list-style-type: none"> (a) Local inspections that supervise construction work and environmental safety, as well as local residents, are duly notified of upcoming project activities. (b) The local community is duly notified of the work with the help of signs in public places (including the work site). (c) Placing an information banner on the work site (d) Adequate fences have been installed around the construction site to guarantee the safety of the public and children. (e) Permits required by law (use of natural resources, landfill, etc.) for construction work have been obtained (f) All work should be carried out in the safest and most disciplined manner and be organized in such a way as to minimize the negative impacts of the work process on local residents and the natural environment. (g) Adequate direction and information signs should be placed on the site to inform workers of the basic rules and standards for the work that must be performed. (h) If the Contractor hires visiting staff to the repair and construction work, then all necessary living conditions must be created, such as rooms for sleeping and eating, a bathroom. Including meals. (i) Availability of first-aid kits on the work site (j) Personal protective equipment for workers must meet safety standards (with mandatory constant wearing of helmets, protective masks, where necessary, safety goggles, belts and shoes). (k) Compliance with KR Health and Safety Regulations of January 12, 2018 “Construction Safety Requirements”. (l) Availability of safety and health log on the work site (m) List of emergency services and their closest location, telephones.
B. General	Air Quality	<ul style="list-style-type: none"> (a) Construction waste must be collected in a specially designated place with subsequent removal to the landfill

² Work with toxic and/or hazardous materials includes, in particular, work with asbestos, toxic paints, work on removing paints containing lead, etc..

Activity	Parameters	Mitigation Checklist
construction works		(b) Keep the construction site and the surrounding area clean (c) It is forbidden to burn construction waste and structures on in the open fire at a construction site (d) Avoiding excessive accumulation of idle/inoperative construction equipment at the site (e) An idle running of the construction machinery engines is not allowed (f) It is necessary to reduce the level of building or transportation dust to minimum values due to irrigation of construction access roads (g) It is necessary to reduce amount of soil when loading in cars (h) Safe storage and transportation of flammable and hazardous substances (gas cylinders, bituminous materials, solvents, paints, varnishes, glass-and slag wool), etc. (i) Equipping vehicles transporting bulk materials with removable tents
	Soil	(a) Refueling cars strictly at stationary posts b) Avoiding soil pollution with fuel c) Removing the fertile soil for use in remediation work d) Providing drainage measures to prevent soil flooding at high groundwater levels e) Covering the parking of construction machinery with crushed stone
	Noise	(a) Building noise is allowed only at specific time: 8am -18pm (b) During construction, the engines of generators, air compressors and other machines and mechanical devices should be properly covered, and the machines should be located as far as possible from residential areas
	Water Quality	(a) Avoiding pollution of irrigation system with fuel
	Waste Management	(a) Construction waste must be collected in a specially designated place with subsequent removal to the landfill. (b) Whenever possible, the contractor shall ensure the reuse of valid and resistant materials (with the exception of ACM) (c) Household and food waste should be separated from construction waste and placed in special containers with its subsequent disposal
D. Traffic and Pedestrian Safety	Direct or Indirect Hazards to Traffic and Pedestrians During Construction	(a) The contractor must ensure that the construction site is properly guarded. (b) It is necessary to equip the site with information signs and fences to make the site is marked and visible and inform the public about the possible dangers. (c) safe and permanent access to social facilities should be ensured during construction work

PART 4: MONITORING PLAN

Implementation Stage	What Parameter is subject to monitoring?	Where Will monitoring of parameter be carried out?	How Will monitoring of parameter be carried out/type of monitoring equipment	When? (Frequency)	Why? (Is there a need for parameter control?)	Monitoring cost	Who? (is responsible for monitoring?)
Design	Detail design and estimates (DDE) are described in detail in paragraph E above. Not required	Reports and finished DDE, prepared by the engineering company	Review of reports and finished DDE, prepared by the engineering company	At the stage of presentation of DDE by the engineering company before the expert evaluation	To ensure including all necessary requirements in the tender documentation	Project funds	ARIS
Construction	<ol style="list-style-type: none"> 1. Site fencing during construction 2. Availability of information stands with contact details for public complaints 3. Availability of personal protective equipment 4. Ban on using ACM 5. Proper waste management 6. An agreement between the Contractor and the Village Administration for the removal of construction waste to a local landfill 7. Time management (8am – 6am) 	Construction site	<p>Inspection visits to construction sites</p> <p>Public complaints</p>	<p>During construction and until the issuance of the Certificate of completion</p> <p>In case of public complaints</p>	To ensure compliance with all necessary environmental requirements	Must be included by the Contractor in the tender offer	<p>SETI Sanitation and Epidemic Control</p> <p>Village Administration</p>

Implementation Stage	What Parameter is subject to monitoring?	Where Will monitoring of parameter be carried out?	How Will monitoring of parameter be carried out/type of monitoring equipment	When? (Frequency)	Why? (Is there a need for parameter control?)	Monitoring cost	Who? (is responsible for monitoring?)
Maintenance	1. Proper use of electric lines. Contractor submits an equipment manual		Observing	According to schedule	Because of national provisions and standards	At the expense of the village Administration and partly community	Village Administration
			Operating company	Occasionally, according to service instructions			Village Administration

PART 5. FEEDBACK SYSTEM AND COMPLAINTS REVIEW MECHANISM

For all questions regarding VIP-3, interested stakeholders can apply to ARIS Feedback System. Stakeholders have the following rights:

- The right to receive information
- The right to oppose inappropriate intervention by third parties
- The right to participate in tenders free from fraud and corruption

Any interested stakeholder (including villagers, contractors, project employees, authorities and other parties involved) may file a complaint if he/she considers that one or more of the above rights or any of the project principles or procedures have been violated.

Complaints are publicly disclosed, but the identity of the applicant remains confidential only if the person does not decide to disclose his identity. The identity of all applicants is protected by confidentiality.

COMPLAINTS REVIEW MECHANISM

Registration of Appeal. Appeals received in writing, verbally or electronically are recorded in the Feedback System journal, and then entered into ARIS Feedback System for analyzing and monitoring incoming correspondence containing the following information (depending on the type of application):

- Last name, name, patronymic;
- Postal address or phone number;
- Content of the appeal;
- Other background information

Applications may be submitted anonymously. If the appeal was received without any of the above data, it is recorded in the journal of incoming correspondence of the Feedback System, and the results of the appeal will be published in local media, on the ARIS website or made public at a village council session.

Implementation Control. Upon completion of the investigation, the beneficiary will be notified of the decision made by ARIS. If the citizen/beneficiary is not satisfied with the decision, he has the right to appeal. Instructions on how to appeal will be provided along with a response.

Appeal. The appeal is reviewed by ARIS Special Appeal Committee. ARIS Executive Director will set up an Appeal Committee consisting of project managers and department heads that will conduct the appeal hearing. After that, the citizen/beneficiary dissatisfied with the decision of the Committee has the right to appeal the decision in court.

Publication of Appeals. Once the appeal (statements, proposals, complaints, inquiries, positive feedback) is resolved, to encourage the use of the Feedback System, measures taken to resolve the complaint will be published by the local media. Upon request, the identity of the applicant will be kept confidential.

Feedback Channels. In the framework of VIP-3, the following communication channels were established through which residents/beneficiaries can send applications at different stages of the project:

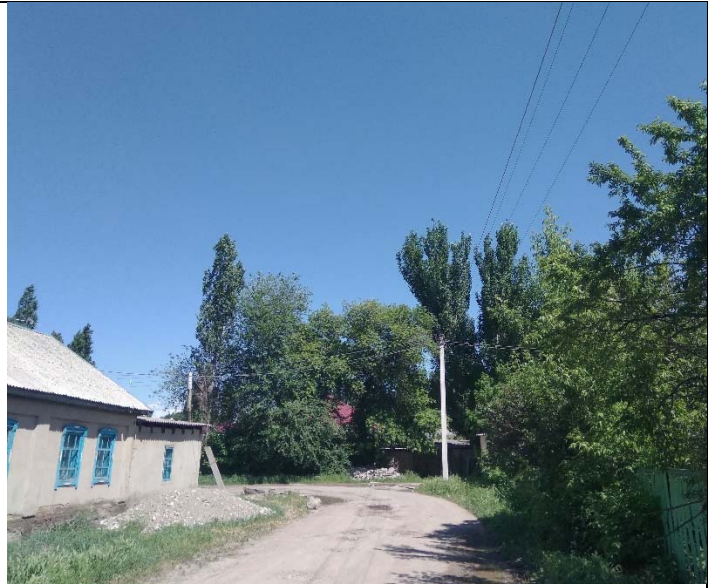
. WhatsApp (instant text messaging system for mobile devices with voice and video support – Feedback System service numbers: + 996 550 700 522; +996 770 700 522);

- a. Facebook
- b. ARIS website: www.aris.kg
- c. Oral or written requests received during field meetings;
- d. ARIS Reception Office;
- e. E-mail: bfm@aris.kg.

Location Scheme



Gagarin Street Image



SOCIAL RISK ASSESSMENT CHECKLIST

Чеклист по скринингу для оценки социальных рисков и воздействий от под-проектных мероприятий

Название проекта/микропроекта Углубное освоение с. Вуево

Область Челяев

Район Вуево - Агшево

Действительный аймак Бурятия

Айыл Ур Ч

Возможные Социальные Воздействия	Да	Нет	Предоставить Детали/кол-во, если возможно
1. Будут ли проектные мероприятия включать новые физические строительные работы?		<input checked="" type="checkbox"/>	
2. Включают ли мероприятия улучшения или реабилитацию существующих объектов?	<input checked="" type="checkbox"/>		
3. Вероятно ли, что мероприятия вызовут непоправимый ущерб или утрату домовладений, других активов, использования ресурсов?		<input checked="" type="checkbox"/>	
4. Выбранный участок для работы свободен от обременений и находится во владении Общества/правительства/собщества?	<input checked="" type="checkbox"/>		
5. Требуют ли под-проектные мероприятия приобретения частных земель?		<input checked="" type="checkbox"/>	
6. Если участок находится на частной территории, может ли эта земля быть приобретена путем переговоров (по обоюдному согласию)?	<input checked="" type="checkbox"/>		<u>не требуется</u>
7. Если требуется приобрести земельный участок, известен ли размер участка и каков статус права собственности?	<input checked="" type="checkbox"/>		<u>не требуется</u>
8. Приводят ли мероприятия под-проекта к ограничению доступа к другим жителям/лешходам/коммерческой деятельности и торговле?		<input checked="" type="checkbox"/>	
9. Доступна ли земля для мобилизации и транспортировки строительных материалов в пределах существующего участка/имеется ли право проезда?	<input checked="" type="checkbox"/>		
10. Проживают ли/занимаются ли предпринимательской деятельностью non-titled люди на предлагаемой территории/проектном участке под строительство?		<input checked="" type="checkbox"/>	
11. Вероятны ли временные воздействия?		<input checked="" type="checkbox"/>	
12. Имеется ли возможность переноса, закрытия предпринимательской/коммерческой/хозяйственной деятельности лиц во время строительства?	<input checked="" type="checkbox"/>		<u>не требуется</u>
13. Имеются ли временные или постоянное физическое перемещение лиц в связи со строительством?		<input checked="" type="checkbox"/>	
14. Включает ли этот проект переселение каких-либо лиц? Если да, предоставить детали.		<input checked="" type="checkbox"/>	
15. Будет ли потеря/ущерб сельскохозяйственным землям, несобранному урожаю, деревьями?		<input checked="" type="checkbox"/>	

16. Будет ли потеря доходов и средств существования для кого-либо в связи с проектными мероприятиями?	✓
17. Будет ли для людей потеря доступа к объектам, услугам или природным ресурсам постоянным или временным?	✓
18. Приведет ли проект к потере трудоустройства/работы?	✓
19. Вызовет ли проект чрезмерный приток рабочей силы в результате строительства	✓
20. Требуют ли строительные мероприятия дополнительной/квалифицированной рабочей силы извне	✓
21. Вызуют ли под-проектные/строительные мероприятия разрушения/беспорядки среди местного проживающего населения	✓
22. Создадут ли строительство новых зданий, дренажный канал, линии электропередач износ/повреждение общественных земель, мест захоронений, детских парков, школ и т.д.	✓
23. Приведут ли проектные мероприятия к снижению рабочей силы (сокращению рабочих штатов) какого-либо органа	✓
24. Приведут ли проектные мероприятия к непреднамеренным последствиям, таким как несчастные случаи/разрушения прилегающих зданий	✓
25. Имеются ли уязвимые группы, которые могут быть повернуты негативным воздействиям (включая коренные группы населения) в результате проектных мероприятий?	✓

М. Касымбетов



SOCIAL RISK ASSESSMENT PLAN

SOCIAL RISK AND IMPACT ASSESSMENT CHECK LIST

Name Street Lighting in the Village of Khunchi

Oblast Chui

Rayon Issyk-Ata

Avil Aymak Birdik

Village Khunchi

Probable Social Impacts	Yes	No	Provide details/Numbers, if possible
1. Will the intervention include new physical construction work?		x	
2. Does the intervention include upgrading or rehabilitation of existing facilities?	x		
3. Is the intervention likely to cause any permanent damage to or loss of housing, other assets, resource use?		x	
4. Is the site chosen for this work free from encumbrances and is in possession of the Public/government/community land?	x		
5. Is this sub project intervention requiring private land acquisitions?		x	
6. If the site is privately owned, can this land be purchased through negotiated settlement? (Willing Buyer – Willing Seller)			No need
7. If the land parcel has to be acquired, is the actual plot size and ownership status known?			No need
8. Are the subproject cause any access restriction to the commuters/pedestrians/ business and trades?		x	
9. Is land for material mobilization or transport for the civil work available within the existing plot/ Right of Way?	x		
10. Are there any non-titled people who are living/doing business on the proposed site/project locations that use for civil work?		x	
11. Is any temporary impact likely?		x	
12. Is there any possibility to move out, close of business/commercial/livelihood activities of persons during constructions?			No need
13. Is there any temporary or permanent physical displacement of persons due to constructions?		x	
14. Does this project involve resettlement of any persons? If yes, give details.		x	
15. Will there be loss of /damage to agricultural lands, standing crops, trees?		x	
16. Will there be loss of incomes and livelihoods for anyone due to project intervention?		x	
17. Will people permanently or temporarily lose access to facilities, services, or natural resources?		x	
18. Will project cause loss of employments/jobs		x	
19. Will project generate excessive labor influx as a result of new constructions		x	
20. Does construction activities require additional/skilled labor from outside the locality		x	
21. Will subproject/construction activities cause destruction/disturbance to host community living		x	
22. Will construction of new buildings, drainage lines, powerlines create any degradation/disturbances for public buildings/resources/ adjacent houses, wells, lands, Burial places, children parks, schools etc		x	
23. Will this intervention generate downsize in current labor force(retrenchments) of the agency		x	
24. Does intervention may cause unintended consequences such as accidents/ damages to adjacent buildings		x	
25. Are any vulnerable groups who may affect adversely (including indigenous people) due to the project intervention?		x	