Kyrgyz Republic

ELECTRICITY SUPPLY ACCOUNTABILITY AND RELIABILITY IMPROVEMENT PROJECT (ESARIP)
16.06.2016

Environmental Management Plan/ Checklist for Small Scale Civil Works and Field Investigations

General Guidelines for use of EMP checklist:

The EMP checklist-type format attempts to cover typical core mitigation approaches to civil works contracts with small, localized impacts, since civil works are executed on familiar and before-used sites. Such impacts include generally the following: a) dust and noise due to ground, civil and dismantling works; b) collection and removal of construction waste and liquidation of occasional machine oils and grease, etc.; c) invasion of the plots, which are in private ownership; d) detriment to sites of cultural and historical heritage and unknown archeological sites; e) violation of traffic; pollution of surface and groundwater; g) pollution or erosion of ground.

EMP checklist

The intention of this checklist is that it would be applicable as guidelines for reconstruction and small construction sites. It is accepted that this format provides the key elements of “practical guidelines for proper work practices”, which are convenient to use and it was developed taking into account the requirements of the World Bank’s safety guidelines. The checklist was tailored taking into account standard methods to mitigate the impact on the environment for civil contracts providing local impact on the environment.

The checklist has three sections:

The introductory part defines ecological category of the project and concept of EMP Checklist.

**Part 1** includes a descriptive part (“project passport”) that characterizes the project and specifies in terms the institutional and legislative aspects, the technical project content, the potential need for capacity building program and description of the public consultation process. This section could be up to two pages long.

**Part 2** includes an environmental and social screening checklist, where activities and potential environmental issues can be checked in a simple Yes/No format.

**Part 3** represents the monitoring plan for activities during project construction and implementation. It retains the same format recommended for EMPs proposed under normal Bank requirements. It is the intent of this checklist that Part 2 and Part 3 be included into the bidding documents for contractors.
Application of EMP Checklist

The design process for the planned civil works under the project will be implemented in three stages:

1) **Stage of definition of scope of work.** This stage enables to choose objects for reconstruction works, extension and/or civil works as well as to design a model program for each work. Parts, 1, 2 and 3 of EMP Checklist will be filled out accordingly. Part 2 of Checklist can be used for choose of standard types of work and matching them with typical problems, associated with environment and measures of mitigation impacts.

2) **Stage of development of working documents and carrying out tender,** including preparation of technical requirements and reports of scope of work and expense of materials for each site. This stage enables to clarify the EMP Checklist taking into account the working documentation. The EMP Checklist will be presented to general public before bidding process. Moreover, this stage enables to carry out the bid and to conclude the contracts for implementation of works. The all completed Tables of EMP Checklist (Parts 1, 2 and 3) should be signed by all Parties and should be attached to the Contract for supervision, as per technical and commercial requirements.

3) **Stage of work execution.** Compliance with requirements of environmental protection is checked at the relevant facility by certified inspector (s) or supervisor (s), including field engineers or project supervisor. Mitigation measures (Part 2) and the monitoring plan (Part 3) are the basis for the verification of compliance by the Contractor or the investor of the project requirements on environmental protection.

**Monitoring and Reporting**

For monitoring of full control of safety, supervisor should work with the Part 3 of EMP Checklist, i.e. monitoring plan. The Part 3 takes into account particular qualities of the site with the necessary degree of detailed information. Also Part 3 should include clearly identified mitigation measures and appropriate monitoring to be included in contracts, and such measures, which reflect the status of environmental activities at the construction site and may be subject to monitoring / measurement / quantification / verification inspector during civil works.

Mitigation measures include the use of personal protective equipment to prevent dust, flow control and discharge of waste water, the availability of adequate sanitary facilities for the workers, separate waste collection for different types (mineral waste, wood, metal, plastic, hazardous waste, for example, asbestos, paint residues, spent engine oil) taking into account the amount of waste, proper removal and disposal or reuse and possible recycling at the site.

Progress report should be included in periodical reporting, which should be submitted to State Agency of Environmental Protection.
# EMP Checklist for Construction and Rehabilitation Activities

## PART 1: GENERAL PROJECT AND SITE INFORMATION

<table>
<thead>
<tr>
<th>INSTITUTIONAL &amp; ADMINISTRATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Country</strong></td>
</tr>
<tr>
<td><strong>Project title</strong></td>
</tr>
<tr>
<td><strong>Scope of project and activity</strong></td>
</tr>
<tr>
<td><strong>Institutional arrangements</strong> (Name and contacts)</td>
</tr>
</tbody>
</table>

| Implementation arrangements (Name and contacts) | Safeguard Supervision JSC Severelectro Deputy Executive Director on Projects Implementation Mr. Mambetjanov Azamat (cell phone: 0555 00 51 83; work phone 0312 33 85 35) | Local Counterpart Supervision JSC Severelectro Deputy Executive Director on Projects Implementation Mr. Mambetjanov Azamat (cell phone: 0555 00 51 83; work phone 0312 33 85 35) | Local Inspectorate Supervision JSC Severelectro Deputy Executive Director on Projects Implementation Mr. Mambetjanov Azamat (cell phone: 0555 00 51 83; work phone 0312 33 85 35) | Contractor Contractor will be defined after Bidding process. |

## SITE DESCRIPTION

<table>
<thead>
<tr>
<th>Name of site</th>
<th>110/35/6 kV substation “Bishkek”</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Describe site location</strong></td>
<td>Site is located in the central part of capital city, on the T. Aitmatov str. - Saratov str., along the Ala-Archa river.</td>
</tr>
<tr>
<td><strong>Who owns the land?</strong></td>
<td>City Property Management Division of Bishkek municipality</td>
</tr>
<tr>
<td><strong>Description of geographic, physical, biological, geological, hydrographic and socio-economic context</strong></td>
<td>Currently it is existing parking, terrain is a flat and asphalted, on the west side - Ala-Archa river, on north side - Aitmatov str., on south side - privat houses. Oil leakage on the site territory was discovered. JSC Severelectro will monitor strict performance of Item F of this document by the Contractor. In addition, EMP Plan is a part of the Bidding Documents and Contractor is obligated to fulfill all necessary requirements.</td>
</tr>
</tbody>
</table>

## LEGISLATION

| Identify national & local legislation & permits that apply to project activity | Applicable standards in construction of low voltage electrical substations are mostly those approved during the soviet time. Noise standards. The level of the noise is determined according to the norms of the SNiP (construction norms and rules) 11-12-77 (Noise Protection). The limit of noise exposure at the distance of two meters from the buildings faced to the noise sources in compliance with the SNiPs 70 dBA. The maximum allowable noise level is assumed for the territories neighboring the residential houses. The rest areas of the micro-districts and residential groupings, school areas, playgrounds of the preschool - 10 dBA; for existing residential construction - 5 dBA; for daylight time from 7 am till 23 pm - 10 dBA. Health and safety during construction and operation. It is required to follow the requirements of the SNiP 3.06.04-91 (Construction Safety) during the execution of |
works. The personal protective equipment shall comply with the applicable GOSTs (apron under the GOST 12.4.029, rubber gloves under the GOST 20010, respirator "The Petal" under the GOST 12.4.028, gloves under the GOST 12.4.010, goggles under the GOST 12.4.013 and breathing mask of B type or B with filter, helmets). The construction site shall be kept in a safe, clean and good sanitary state. The "Contractor" shall bear the responsibility for cleanup of the site from garbage, construction waste and household rubbish and their removal to the municipal solid waste landfill (MSW). The "Contractor" shall be guided by the SanPiN N43.01.016.97 in that regard. In addition, it is necessary to carry out the routine inspection of the machinery and equipment for purpose of the trouble shooting and observance of the time of repair, training and instruction of the workers engaged in maintenance of the machinery, tools and equipment on safe methods and techniques of work.

Electricity guiding technical documents especially designated for construction of 35/10(6) kV electrical stations: (a) rules of installing the electrical equipment at the substations; (b) fire protection of buildings and facilities (МСН 2.02-01-97); (c) Regulation of installing antilighting devices (РД 34.21.122-87); Transformer stations (ТМП 407-03-450.87); and (d) modernized 35/10(6) kV electrical stations (ТП 407-03-438.87). It is mentioned in Bidding Documents that Contractor should meet all requirements of Environmental Management Plan (EMP) of the World Bank and prepare documents on Environmental Impact Assessment (EIA) according to the requirements of the Kyrgyz Republic legislation (State agency of environment and forestry under Government of Kyrgyz Republic, etc.).

Receiving of necessary permits (License for Construction, Design etc.) are also Contractor's responsibility. JSC Severelectro will provide necessary support from its own side.

<table>
<thead>
<tr>
<th>PUBLIC CONSULTATION</th>
<th>INSTITUTIONAL CAPACITYBUILDING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify when / where the public consultation process took place</td>
<td>Will there be any capacity building?</td>
</tr>
<tr>
<td>Public Consultations for the site investigations for site were carried out on 26 February 2014 in Kyrgyz Republic, Chui Region, Chkalova street 3, JSC Severelectro headquarter, in Conference Room, at 14 pm (Minutes of Public Consultation meeting in Attachment 2).</td>
<td>[X] N or [ ]Y if Yes, Attachment 2 includes the capacity building program</td>
</tr>
</tbody>
</table>
### Will the site activity include/involve any of the following?

<table>
<thead>
<tr>
<th>Activity/Issue</th>
<th>Status</th>
<th>Triggered Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Building rehabilitation / general construction</td>
<td>[ ] Yes [X] No</td>
<td>See Section B below</td>
</tr>
<tr>
<td>B. Building of new site</td>
<td>[X] Yes [ ] No</td>
<td>See Section B below</td>
</tr>
<tr>
<td>C. Individual wastewater treatment system</td>
<td>[ ] Yes [X] No</td>
<td>See Section C below</td>
</tr>
<tr>
<td>D. Historic building(s) and districts</td>
<td>[ ] Yes [X] No</td>
<td>See Section D below</td>
</tr>
<tr>
<td>E. Acquisition of land</td>
<td>[ ] Yes [X] No</td>
<td>See Section E below</td>
</tr>
<tr>
<td>F. Hazardous or toxic materials&lt;sup&gt;1&lt;/sup&gt;</td>
<td>[ ] Yes [X] No</td>
<td>See Section F below</td>
</tr>
<tr>
<td>G. Impacts on forests and/or protected areas</td>
<td>[ ] Yes [X] No</td>
<td>See Section G below</td>
</tr>
<tr>
<td>H. Handling / management of medical waste</td>
<td>[ ] Yes [X] No</td>
<td>See Section H below</td>
</tr>
<tr>
<td>I. Traffic and Pedestrian Safety</td>
<td>[ ] Yes [X] No</td>
<td>See Section I below</td>
</tr>
</tbody>
</table>

<sup>1</sup> Land acquisitions includes displacement of people, change of livelihood encroachment on private property this is to land that is purchased/transferred and affects people who are living and/or squatters and/or operate a business (kiosks) on land that is being acquired.

<sup>2</sup> Toxic / hazardous material includes but is not limited to asbestos, toxic paints, noxious solvents, removal of lead paint, etc.
# PART 3: MITIGATION MEASURES

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>PARAMETER</th>
<th>MITIGATION MEASURES CHECKLIST</th>
</tr>
</thead>
</table>
| A. General Conditions                 | Notification and Worker Safety | (a) The local construction and environment inspectorates and communities have been notified of upcoming activities.  
(b) The public has been notified of the works through appropriate notification in the media and/or at publicly accessible sites (including the site of the works).  
(c) All legally required permits have been acquired for construction and/or rehabilitation.  
(d) All works will comply with occupational safety and health regulations designed to minimize impacts on neighboring residents and environment.  
(e) Workers’ PPE will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots).  
(f) Appropriate signposting of the sites will inform workers of key rules and safety regulations to follow. |
| B. General Rehabilitation and/or Construction Activities | Air Quality                 | (a) Storage of construction waste in specially designated area and its hydration using water spray systems to prevent dust. Preventing the spread of dust during working with a pneumatic hammer or the destruction of the walls by means of a constant spray of water and (or) installation of dust-catching screens at the job site.  
(b) Avoiding contact construction waste with environment (sidewalks, roads, rivers) in order to avoid the spread of dust.  
(c) There will be no open burning of construction/waste material at the site.  
(d) There will be no excessive idling of construction vehicles at sites.  
(e) There will be no old machines and equipment which producing excessive levels of pollution by exhaust gases. |
|                                       | Noise                        | (a) Drilling noise will be limited to restricted times agreed to in the permit.  
(b) During operations the engine covers of generators, air compressors and other powered mechanical equipment shall be closed, and equipment placed as far away from residential areas as possible.  
(c) There will be no old machines and equipment which producing excessive levels of noise. |
|                                        | Water Quality                | (a) The site will establish appropriate erosion and sediment control measures such as e.g. banking to prevent sediment from moving off site and causing excessive turbidity in nearby water runoffs.  
(b) Carry out cleaning of areas of oil and fuel oil spillage to avoid falling into local streams and groundwater with precipitation in a timely manner. |
|                                        | Waste management             | (a) There will be special collecting places and export routes for all major types of construction waste resulting from construction and demolition works.  
(b) Mineral construction and dismounting waste will be separate from simple waste, organic liquid and chemical waste by sorting on the spot and in appropriate storage containers.  
(c) Collection and removal of construction waste will be carried out by specialized licensed utilities.  
(d) There will be calculation of waste removal in order to confirm the proper collection and utilization in accordance with the project.  
(e) In all cases, where possible, the contractor will provide re-use and recycling of suitable and resistant materials (except asbestos). |
| B. Waste water treatment system        | Water Quality                | (a) Method of waste and wastewater disposal from the construction site (installation or reconstruction) will be approved by local authorities.  
(b) Water intake streams from system of removal of waste water from the site should pass clearing before descent to correspond of minimum admissible criteria of quality established by national rules on quality of waste water treatment. |
| C. Historic building(s)               | Cultural Heritage            | (a) There is not any building recognized historical landmark near the site, also it is not located in the historic district, it is existing training field.  
(b) It is necessary to provide measures that detection of artifacts or others of "casual finds» during earthen or civil work performance the detection fact should be fixed, officials are notified, and works on a site are suspended or changed taking into account such finds. |
<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>PARAMETER</th>
<th>MITIGATION MEASURES CHECKLIST</th>
</tr>
</thead>
</table>
| D. Acquisition of land | Land Acquisition Plan/Framework | (a) If expropriation of land was not expected but is required, or if loss of access to income of legal or illegal users of land was not expected but may occur, that the Bank’s Task Team Leader shall be immediately consulted.  
(b) The site is in municipality balance (the mayoralty of Bishkek), acquisition (repayment) of a site is not required. |
| E. Toxic Materials | Asbestos management | (a) If asbestos is located on the project site, it shall be marked clearly as hazardous material  
(b) When possible the asbestos will be appropriately contained and sealed to minimize exposure  
(c) The asbestos prior to removal (if removal is necessary) will be treated with a wetting agent to minimize asbestos dust  
(d) Asbestos will be handled and disposed by skilled & experienced professionals  
(e) If asbestos material is be stored temporarily, the wastes should be securely enclosed inside closed containments and marked appropriately.  
(f) The removed asbestos will not be reused |
| E. Toxic Materials | Toxic / hazardous waste management | (a) Temporarily storage on site of all hazardous or toxic substances will be in safe containers labeled with details of composition, properties and handling information  
(b) The containers of hazardous substances shall be placed in an leak-proof container to prevent spillage and leaching  
(c) The wastes shall be transported by specially licensed carriers and disposed in a licensed facility.  
(d) Paints with toxic ingredients or solvents or lead-based paints will not be used |
| F. Affected forests, wetlands and/or protected areas | Protection | (a) All recognized natural habitats, wetlands and protected areas in the immediate vicinity of the activity will not be damaged or exploited, all staff will be strictly prohibited from hunting, foraging, logging or other damaging activities.  
(b) A survey and an inventory shall be made of large trees in the vicinity of the construction activity, large trees shall be marked and cordoned off with fencing, their root system protected, and any damage to the trees avoided  
(c) Adjacent wetlands and streams shall be protected from construction site run-off with appropriate erosion and sediment control feature to include by banking  
(d) There will be no unlicensed borrow pits, quarries or waste dumps in adjacent areas, especially not in protected areas. |
<p>| G. Disposal of medical waste | H. Infrastructure for medical waste management | • NA |
| H Electromagnetic radiation | Protection | • In compliance with security norms and sanitary-protective zones for under 220 kV transformer substations is 3m from a fence. |</p>
<table>
<thead>
<tr>
<th>Stage</th>
<th>What parameter is subject to monitoring?</th>
<th>Where monitoring should be implemented?</th>
<th>How monitoring should be implemented?</th>
<th>When (please indicate frequency and (or) the duration of the monitoring)</th>
<th>Why Should be implemented monitoring of the parameter?</th>
<th>Expenses (if they are not included in the project budget)</th>
<th>Who Is responsible for monitoring?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation</td>
<td>Actual situation of Ala-Archa river</td>
<td>On the substation site</td>
<td>Visually</td>
<td>Before development of planning construction documents</td>
<td>For possible funding of activities on water protection</td>
<td>Purchase of dustbins and garbage collection</td>
<td>Contractor</td>
</tr>
<tr>
<td></td>
<td>Presence of private leased territory</td>
<td>On the substation site</td>
<td>Visually</td>
<td>Before development of EMP</td>
<td>For possible application of resettlement action plan</td>
<td>There is a separate contract.</td>
<td>JSC Severelectro</td>
</tr>
<tr>
<td>Execution of civil works</td>
<td>Life safety</td>
<td>On the substation site</td>
<td>Compliance of safety regulations</td>
<td>On a regular basis</td>
<td>For the purposes to avoid accidents</td>
<td>There is should be individual protection equipment (helmets, protective masks, goggles, safety seat belts and protective footwear).</td>
<td>Contractor</td>
</tr>
<tr>
<td></td>
<td>Quality of air</td>
<td>On the substation site</td>
<td>Visually</td>
<td>During civil works</td>
<td>In order to prevent dust at the territory of the SS and the surrounding areas.</td>
<td>Moisturizing of the air.</td>
<td>Contractor</td>
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<td></td>
<td>Dust</td>
<td>On the substation site</td>
<td>Visually</td>
<td>On a regular basis</td>
<td>In order to avoid dust.</td>
<td>Moisturizing of the air.</td>
<td>Contractor</td>
</tr>
<tr>
<td></td>
<td>Exhaust gases</td>
<td>On the substation site</td>
<td>Measurement of exhaust gases of vehicles.</td>
<td>In compliance with regular technical inspection of vehicles.</td>
<td>In order to comply with the maximum permissible concentrations of exhaust gases.</td>
<td>According to law on regular inspection of vehicles.</td>
<td>Contractor</td>
</tr>
<tr>
<td></td>
<td>Noise</td>
<td>On the substation site</td>
<td>Instrumental method</td>
<td>Once a quarter</td>
<td>To comply with the permissible sound level of 75 decibels</td>
<td>Measurement of noise</td>
<td>JSC Severelectro</td>
</tr>
<tr>
<td>Supervision/operation and maintenance</td>
<td>Water quality</td>
<td>Collection and recycling of toxic / hazardous materials</td>
<td>Noise</td>
<td>Electromagnetic radiation</td>
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<td>On a regular basis</td>
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<td>On a regular basis</td>
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<td></td>
<td>In order to prevent pollution and clogging the river.</td>
<td>In order to prevent ground pollution</td>
<td>To comply with the permissible sound level of 75 decibels at 100 m. corridor</td>
<td>In order to comply with the maximum permissible standard.</td>
<td></td>
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<tr>
<td></td>
<td>Construction of barriers of SS is included in design documents.</td>
<td>There should be waste bins</td>
<td>Measurement of noise</td>
<td>Measurement of electromagnetic radiation.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Designer and customer</td>
<td>Contractor</td>
<td>JSC Severelectro</td>
<td>JSC Severelectro</td>
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</tbody>
</table>
ПРОТОКОЛ

Консультации и обнародование Плана природоохранных мероприятий в рамках Проекта по повышению подотчетности и надежности системы электроснабжения (ПППЭ), финансируемого Всемирным Банком.

26.02.2014 года
14:00 часов
Конференц-зал ОАО «Северэлектро»

Обсуждение плана по управлению природоохранными мероприятиями в рамках Проекта по повышению подотчетности и надежности системы электроснабжения (ПППЭ), финансируемого Всемирным Банком.

Присутствовали:
от ОАО «Северэлектро»:
Мамбетжанов А.Д. Заместитель технического директора
Абдыкасымов М.Р. Начальник ОВЭСнРП
Муртазаева Г.Дж. Начальник пресс-службы
Кутманов А. Дж. Инженер ОВЭСнРП
Кутманова Е.В. Консультант проекта

от НС ПППЭ при Министерстве энергетики и промышленности КР:
- Давлетов А.К.,
- Рыскулбеков О.Д.,

от Министерства энергетики и промышленности КР
- Мундуканова Н.М.

Повестка дня: Обсуждение плана по природоохранным мероприятиям в рамках Проекта по повышению подотчетности и надежности системы электроснабжения (ПППЭ), финансируемого Всемирным Банком.

Выступили:
Встречу открыл Начальник ОВЭСнРП ОАО «Северэлектро» М. Абдыкасымов и дал краткий обзор о проекте:
ПППЭ будет направлен на улучшение управления и установления прозрачности и подотчетности в ОАО «Северэлектро» с целью сокращения потерь и утечек доходов в зоне обслуживания компании. Для достижения этой цели ПППЭ будет включать в себя 2 следующих компонента: 1) Установление новой Системы Коммерческого Менеджмента (СКМ) и соответствующих процедур для выполнения коммерческих процессов и деятельности; 2) реабилитация отдельных секторов электроснабжающейся инфраструктуры города Бишкек с высокими техническими и коммерческими потерями, и низким уровнем надежности электроснабжения.

Компонента 1 – Инвестиционные инфраструктуры (ориентировочная стоимость - 16 милян долларов США). Данный компонент направлен на снижение потерь в распределительных сетях и на улучшение надежности электроснабжения посредством воронки востребованных инвестиций, направленных на укрепление распределительной инфраструктуры ОАО «Северэлектро». Целевые активы основаны на плане по
инвестициям, подготовленном во время подготовки проекта, были выбраны на основе потенциала для снижения потерь в улучшении надежности электроснабжения. Выбранные инвестиции включают инвестиции в строительстве 3-х новых подстанций в г. Бишкек и измерительного оборудования для крупных промышленных абонентов в Чуйской области. ОАО «Северэлектро» будет использовать свои средства для замены кабелей среднего и низкого напряжения и самоиспользующихся линий, указанных в плане инвестиций.

Компонент 2 - Информационные системы управления (оценочная стоимость - 7 миллионов долларов США). Данный компонент обеспечит ОАО «Северэлектро» информационными средствами для улучшения эффективности и качества сервиса абонентов, в управлении бизнес-процессов. Укрепление бизнес-процесса приведёт к определению потерь и утечек прибили в компании.

С этой целью, компонент профинансирован снабжение, монтаж и ввод в эксплуатацию выбранных информационных систем управления (ИСУ) и тренировка работников ОАО «Северэлектро» в применении данной системы. Будет установлена поддержка ИСУ в использовании ограничений инвестиций в аппаратных средствах. ИСУ охватывает три главные операции по всей компании ОАО «Северэлектро»: коммерческий менеджмент, корпоративный менеджмент и планирование сети и операции.

Особые ИСУ и технические и функциональные спецификации должны быть определены на основе оценки, так как они будут включать внедрение Системы Коммерческого Управления (СКУ), Системы Управления в Регистрации Аварийных Отключений (СУРАО) и Систему Корпоративного Управления Ресурсами Предприятия (СКУРП).

Компонент 3 - Институциональное укрепление и поддержка реализации проекта (оценочная стоимость - 2 миллиона долларов США), включая Трестовый Фонд Развития Потенциала ЕСА, данный компонент будет поддерживать две основные работы для обеспечения успешного осуществления проекта и устойчивости результатов проекта: (i) поддержка в реализации менеджмента проекта, мониторинг и оценка, формирующих затрат Отдела по Реализации Проектов (ОВЭСиРП) ОАО «Северэлектро», и (ii) техническое содействие ОАО «Северэлектро» в удовлетворении потребностей в производстве, укреплении управления проектами и соте поддержке преобразования компании, наведении порядка и технической поддержки включая управление системы закупок ОАО «Северэлектро» и финансовой отчетности в укреплении механизма бухгалтерского учета, установка постов поддержки абонентов и средств социального учета, и управление процессами по обеспечению конкурентоспособности ОАО «Северэлектро», которые особенно относятся к коммерческой деятельности ОАО «Северэлектро».

Данный проект был рассмотрен и одобрен Координационным советом по экономической и инвестиционной политике при Правительстве КР в ноябре 2012 года. Данный грант уже уверенён Трестовым фондом Всемирного Банка по предоставлению потенциала в регионе Европы и Центральной Азии для подготовки ПППНЭ.

19 февраля 2014 года в Наблюдательный совет ИППЭК при Министерстве энергетики и промышленности КР, в Министерство энергетики и промышленности КР и в Государственную инспекцию по технической и экологической безопасности при Правительстве КР был направлен проект плана природоохранных мероприятий.

Далее слово было предоставлено представителям приглашённых государственных структур и организаций. По итогам состоявшихся обсуждений, все участники подтвердили, что не имеют принципиальных замечаний и предложений в отношении разработанного проекта плана природоохранных мероприятий. Мониторинг хода общественного обсуждения осуществлен НС ИППЭК при Минэнергпроме КР.
Подписи участников:
Мамбетжанов А.Д.
Абдыкасымов М.Р.
Мураталиева Г.Дж.
Кутманов А.
Кутманова Е.В.
Даклетов А.К.
Рыскеллиев О.Д.
Модокалиева Д.М.
Minutes of consultations
(unofficial translation)

with public on EMP within the framework ESARIP financed by World Bank

Time: 2 p.m.
Date: July 28, 2016

Attendees:

On behalf of JSC Severelectro:
- Azamat Mambetjanov Deputy Executive Director of Project Implementation Direction (Deputy Technical Director)
- Marat Andykasymov Head of PIU
- Askhat Kutmanov 1st Category Engineer

On behalf of the public: (People affected by project impact):
- G. Urmanbetova (294, Salieva street, cell phone: 0700 64 11 96)
- J. Shonkulov (296, Salieva street, cell phone: 0703 90 93 34)
- S. Evdokimov (252, Saratovskaya street, cell phone: 0705 11 49 9)
- R. Myrzarakimov (252, Saratovskaya street, cell phone: 0779 00 77 27)
- A. Chynybaev (256, Saliev street, cell phone: 0773 48 84 61)
- S. Ismailov, 214, Saliev street, 0701 25 23 23)
- V. Bakun, Chairman of residential quarter (339, Frunze street, cell phone: 0555 00 12 19)
- O. Samashkina (226a, Frunse street, home phone: 0312 68 98 46)

Agenda:
Discussion on EMP of the planned construction of the 110/35/6 (10) kV Bishkek substation (located on nearby of the streets Aitmatov St., Saratovskaya St. and Frunze St.) with the public (EMP was published on web-site of JSC Severelectro on June 26, 2016 http://severelectro.kg/ru/news-invest)

The following issues were discussed:
Mr. Mambetzhanov, Deputy Executive Director of Project Implementation Direction, opened the meeting with the public. He spoke about project overview as well as EMP for the planned project.

He also outlined that while constructing this facility, the environmental impact will be controlled, temporary and localized, as civil works will be carried out according to standards similar to many other construction projects of similar facilities. The impacts generally include:
a) formation of dust and noise due to excavation, construction and demolition works;
b) collection and disposal of building waste, produced during the dismantling and elimination of accidental spillage of machine oil, lubricants, etc.;
c) traffic disturbance;
d) contamination of surface water or groundwater;
e) soil pollution or soil erosion, etc.

Also, Mr. Abdykasymov, Head of PIU, said that the construction of substations would improve the reliability of power supply in the central part of Bishkek, and it would eliminate power deficit in the central part of the city as well as it would create potential conditions for connection of newly commissioned facilities to the power grid.

Moreover, it was noted that the planned construction of substation would be of enclosed type, where only advanced technologies and building materials will be used. Substation of the enclosed block type has not been built yet in the Kyrgyz Republic. Only with the development of advanced technologies in the production of new types of electrical equipment (vacuum or gas-insulated), there is a great possibility to construct such substations in the last ten years. Operation of the enclosed type (block) substations meets global environmental protection requirements and ensures minimal noise and electromagnetic radiation.

As a result of the consultations, there were no any controversial remarks and objections from the members of the public to the elaborated EMP.

Signatures:

On behalf of the people affected by the project impact:

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On behalf of JSC Severelectro:

Azamat Mambetjanov,
Deputy Executive Director of Project Implementation Direction

Marat Andykasymov,
Head of PIU
___________________

Askhat Kutmanov,
1st Category Engineer
___________________