



MUNICIPAL DEVELOPMENT FUND OF GEORGIA
საკრებულოების განვითარების ფონდი

**Sub-Project: Construction of Tourism-related Small Size Structures on Central
Park and Lake "Tsivi" Territories in Tskaltubo Town**

Municipality: Tskaltubo Municipality

**Environmental Screening and
Environmental Management Plan (EMP)**

World Bank Financed

Second Regional Development Project

Environmental Screening and Classification

The proposed sub-project (SP) envisages construction of small size structures for arrangement of light tourist infrastructure and development of recreational zone on Central Park and Lake "Tsivi" territories.

The SP includes:

- Construction of Tskaltubo resort management office – the building in the vicinity of #7 Rustaveli Str. in Tskaltubo on a vacant land plot owned by municipality. The building is a three-storey structure with attic. At the second and third floors there are envisaged to be arranged the “French” balconies with decorative wooden railing. At the main and back façade of the building the SP envisages arranging of round shaped colons of concrete. The windows of the first floor are decorated with brick arches. The construction nicely blends with the nearby buildings and landscape;
- Arrangement of flowerpots and flowerbeds “pixel” – the SP envisages arrangement of reinforced concrete quadratic flowerpots and paths. Plants will be placed in the flowerpots, trees will be planted;
- Arrangement of 3D garden – the park is designed for children. The SP envisages arrangement of reinforced concrete circular flowerpots, where various species of plants will be placed. The SP also envisages installation of slabs;
- Construction of the 3 decorative fountains (two quadrangular and one circular) - fountains will be interlinked with small connecting canals. Two fountains will be arranged with pergola;
- Construction of decorative arches – arches of different shapes, with maximum height of 4.5 m, will be alternately placed on the pedestrian path;
- Construction of tennis courts - the SP envisages construction of 4 tennis courts - 2 with artificial and 2 with natural surface;
- Construction of 2 open cafés:
 - The open café #1; will have a circular form and is installed by using cast in situ reinforced concrete structure. The height of one-level structure will be 4.6 m with 342m² area. Reinforced concrete slabs will be installed as well.
 - Open cafe #2 will have a round shape, metallic columns, roof, floor and cafe will be faced with wood. The height of one-level structure will be 5 m with 56m² area.
- Construction of the Passages #1 and #2 – Passages will represent wooden structures roofed with the metal plates and will be used for walking in bad weather. Recreation facilities will be arranged inside. Passages will be extended over the channel creates a pleasant relaxing environment;
- Construction of Amphitheater (an open-air venue used for entertainment and performance) - amphitheater will consist of nine levels with the maximal size of 48 m length and 21.5 m width. The scene will be covered with semi-dome light structure and will entered the lake at 14 m with the semi-round shape of 10 m;
- Construction of Café - cafe will be located in the North part of the Lake and represents in-situ reinforced concrete structure of the following sizes 39.9 m length and 14 m width;
- Construction of Café-peer – the building will represent in-situ reinforced concrete structure that is located in the North part of “Tsivi” Lake. It will enter the lake and end with a triangular platform, sides will be equilateral, of 14 m. There are to be arranged the boards and steel railing;
- Construction of boat peer - it will be arranged in “Tsivi” Lake at the right bank of the lake. It is in-situ reinforced concrete structure of 18 m length and 3.6 m width. Along the bank there is to be arranged as well the reinforced concrete pier platforms of 23.2 length and 3 m width. The pier will be faced with plank;

- Construction of playground for kids - playground for kids will include fountains and will be arranged by in-situ reinforced concrete with a plank around it;
- Construction of public toilet and shower:
 - The shower and the toilet will be arranged near the playground. The shower will have 9 operating units and the toilet will have 8 operating units. The building will be in-situ reinforced concrete structure.
 - Two square shaped toilets will be located at the adjacent territory of Lake Tsivi. The toilet building will be constructed using metal galvanized plates and lustrous organic glass. Sewerage system of toilets will be connected to the Tskaltubo Town’s sewage network.

Construction of pedestrian bridges #1 and #2 - the bridges of 18.6m length and 2.5m width will be identical and represent the metal structure with in-situ reinforced concrete abutments.

(A) IMPACT IDENTIFICATION

<p>Has the subproject a tangible impact on the environment?</p>	<p>The SP has tangible positive social impact.</p>
<p>What are the significant beneficial and adverse environmental effects of the subproject?</p>	<p>The SP has a long term positive impact on the environment through improving living conditions of the local population. Arrangement of new infrastructure will improve the tourist services of the city and attract the tourists, which will improve quality of life and optimize the social and economic development.</p> <p>The expected negative environmental and social impacts are likely to be short term and typical for small to medium scale rehabilitation works: noise, dust, vibration, and emissions from the operation of construction machinery; generation of construction waste; disruption of traffic and pedestrian access.</p>
<p>Does the subproject have any significant potential impact on the local or affected communities?</p>	<p>The long term positive social impact will be beneficial.</p> <p>Temporary positive impacts include short-term employment of local population in construction activities and increased earnings in services in the vicinity of the construction sites.</p> <p>The long term positive social impact will be beneficial (improvement of local population living conditions and growth of tourist flow, attraction of private sector investment in tourism infrastructure (hotels, bars, restaurants, shopping, entertainment, etc.) employment of local population).</p>

	Negative impacts are short term and limited to the construction site. They are related to the possible disturbance described above.
What impact has the subproject on the human health?	<p>The long term impact of the improved tourist services will improve quality of life and optimize the social development.</p> <p>Minor negative impacts are related to dust, emissions, noise and vibration during construction period.</p>

(B) MITIGATION MEASURES

What alternatives to the subproject design have been considered and what mitigation measures are proposed?	<p>To improve the tourist services in Tskaltubo and make the town more comfortable and attractive for tourists several alternatives have been considered Under the SP.</p> <p>The expected negative impacts of the construction phase can be easily mitigated by demarcation of the construction site, traffic management, good maintenance of the construction machinery, observance of the established working hours, and well organized disposal of waste to the formally agreed sites.</p>
What lessons from the previous similar subprojects have been incorporated into the project design?	N/A
Have concerned communities been involved and have their interests and knowledge been adequately taken into consideration in subproject preparation?	<p>Tskaltubo population was informed about the upcoming urban regeneration plans in a meeting held in Tskaltubo Governor's office in town Tskaltubo (05.06.2012) and generated positive reaction of the beneficiary community.</p> <p>Draft EMP was disclosed on the web-site of MDF. Hard copies of the document was available at the MDF and Tskaltubo municipality governance.</p> <p>Draft EMP was discussed on the public consultation meeting on August 20, 2012. Minutes of the meeting is attached.</p>

Social and Cultural Resource Screening

Social safeguards screening information		Yes	No
1	Is the information related to the affiliation and ownership status of the subproject site available and verifiable? (The screening cannot be completed until this is available)	✓	
2	Will the project reduce other people's access to their economic resources, such as land, pasture, water, public services or other resources that they depend on?		✓
3	Will the project result in resettlement of individuals or families or require the acquisition of land (public or private, temporarily or permanently) for its development?		✓
4	Will the project result in the temporary or permanent loss of crops, fruit trees and Household infra-structure (such as granaries, outside toilets and kitchens, etc)?		✓
If answer to any above question (except question 1) is "Yes", then OP/BP 4.12 Involuntary Resettlement is applicable and mitigation measures should follow this OP/BP 4.12 and the Resettlement Policy Framework			
Cultural resources safeguard screening information		Yes	No
5	Will the project require excavation near any historical, archaeological or cultural heritage site?		✓
If answer to question 5 is "Yes", then OP/BP 4.11 Physical Cultural Resources is applicable and possible chance finds must be handled in accordance with OP/BP and relevant procedures provided in the Environmental Management Framework .			



PART A: GENERAL PROJECT AND SITE INFORMATION

INSTITUTIONAL & ADMINISTRATIVE	
Country	Georgia
Subproject title	Construction of Tourism-related Small Size Structures on Central Park and Lake "Tsivi" Territories in Tskaltubo Town
Scope of subproject and activity	<p>The proposed SP envisages construction of small size structures for arrangement of light tourist infrastructure and development of recreational zone on Central Park and Lake "Tsivi" territories.</p> <p>The SP includes:</p> <ul style="list-style-type: none"> • <u>Construction of Tskaltubo resort management office</u> – the building in the vicinity of #7 Rustaveli Str. in Tskaltubo on a vacant land plot owned by municipality. The building is a three-storey structure with attic. At the second and third floors there are envisaged to be arranged the “French” balconies with decorative wooden railing. At the main and back façade of the building the SP envisages arranging of round shaped colons of concrete. The windows of the first floor are decorated with brick arches. The construction nicely blends with the nearby buildings and landscape; • <u>Arrangement of flowerpots and flowerbeds “pixel”</u> – the SP envisages arrangement of reinforced concrete quadratic flowerpots and paths. Plants will be placed in the flowerpots, trees will be planted; • <u>Arrangement of 3D garden</u> – the park is designed for children. The SP envisages arrangement of reinforced concrete circular flowerpots, where various species of plants will be placed. The SP also envisages installation of slabs; • <u>Construction of the 3 decorative fountains (two quadrangular and one circular)</u> - fountains will be interlinked with small connecting canals. Two fountains will be arranged with pergola; • <u>Construction of decorative arches</u> – arches of different shapes, with maximum height of 4.5 m, will be alternately placed on the pedestrian path; • <u>Construction of tennis courts</u> - the SP envisages construction of 4 tennis courts. 2 with artificial and 2 with natural surface; • <u>Construction of 2 open cafés:</u> <ul style="list-style-type: none"> ➤ The <u>open café #1</u>; will have a circular form and is installed by using cast in situ reinforced concrete structure. The height of one-level structure will be 4.6 m with 342m² area. Reinforced concrete slabs will be installed as well. ➤ <u>Open cafe #2</u> will have a round shape, metallic columns, roof, floor and cafe will be faced with wood. The height of one-level structure will be 5 m with 56m² area. • <u>Construction of the Passages #1 and #2</u> – Passages will represent wooden structures roofed with the metal plates and will be used for walking in bad weather. Recreation facilities will be arranged inside. Passages will be extended over the channel creates a pleasant relaxing environment; • <u>Construction of Amphitheater (an open-air venue used for entertainment and</u>

	<p><u>performance</u>) - amphitheater will consist of nine levels with the maximal size of 48 m length and 21.5 m width. The scene will be covered with semi-dome light structure and will entered the lake at 14 m with the semi-round shape of 10 m;</p> <ul style="list-style-type: none"> • <u>Construction of Café</u> - cafe will be located in the North part of the Lake and represents in-situ reinforced concrete structure of the following sizes 39.9 m length and 14 m width; • <u>Construction of Café-peer</u> – the building will represent in-situ reinforced concrete structure that is located in the North part of “Tsivi” Lake. It will enter the lake and end with a triangular platform, sides will be equilateral, of 14 m. There are to be arranged the boards and steel railing; • <u>Construction of boat peer</u> - it will be arranged in “Tsivi” Lake at the right bank of the lake. It is in-situ reinforced concrete structure of 18 m length and 3.6 m width. Along the bank there is to be arranged as well the reinforced concrete pier platforms of 23.2 length and 3 m width. The pier will be faced with plank; • <u>Construction of playground for kids</u> - playground for kids will include fountains and will be arranged by in-situ reinforced concrete with a plank around it; • <u>Construction of public toilet and shower</u>: <ul style="list-style-type: none"> ➤ The shower and the toilet will be arranged near the playground. The shower will have 9 operating units and the toilet will have 8 operating units. The building will be in-situ reinforced concrete structure. ➤ Two square shaped toilets will be located at the adjacent territory of Lake Tsivi. The toilet building will be constructed using metal galvanized plates and lustrous organic glass. Sewerage system of toilets will be connected to the Tskaltubo Town’s sewage network. • <u>Construction of pedestrian bridges #1 and #2</u> - the bridges of 18.6m length and 2.5m width will be identical and represent the metal structure with in-situ reinforced concrete abutments. 		
<p>Institutional arrangements WB</p>	<p>Project Team Leader Ahmed Eiweida</p>		<p>Safeguard Supervision Darejan Kapanadze</p>
<p>Implementation arrangements (Borrower)</p>	<p>Implementing Entity: MDF</p>	<p>Local Counterpart Supervision Technical Supervisor "Eptisa Servicios de Ingenieria S.L. (Spain)"</p>	<p>Contractor Ltd "Dagi"</p>
<p>SITE DESCRIPTION</p>			
<p>Name of site</p>	<p>Town Tskaltubo</p>		
<p>Describe site location</p>	<p>The SP site is located in western Georgia, Imereti Region, in Tskaltubo municipality. Access to the construction sites from Tbilisi is possible through Tbilisi-Kutaisi-Tskaltubo moto way and distance from Tbilisi is approximately</p>	<p>Attachment 1 .Minutes of Consultation Meeting Attachment 2. Agreement on disposal of excess soil and tree</p>	

	250 km.	cutting Attachment 3. Agreement on disposal of construction waste
Who owns the land?	Municipal Property	
Description of geographic, physical, biological, geological, hydrographic and socio-economic context	<p>Tskaltubo is the town located in Western Georgia, Imereti Region.</p> <p>Tskaltubo - the town in Georgia, an administrative center of Tskaltubo Municipality is located on the bank of the river Tskaltubostskali, at 120 m altitude above the sea level. It was established as the town in 1959 with the population of 16,8 thousand (as of 2002). It is well known as the balneotherapeutic health resort. Tskaltubo is located at 10 km distance from Kutaisi, and at 250 km distance from the Tbilisi City.</p> <p>According to the geotechnical zoning, the survey area is within the bounds of the Transcaucasian intermountain plain western molassic submersion zone (the Rioni intermountain trough).</p> <p>Tskaltubo is rich with hydro resources, the main artery of which is the river Rioni with its tributaries – rivers Tskaltubo and Gubistskali.</p> <p>Ground waters play immense role in formation of the engineering-geological conditions of the survey area. Here several aqueous horizons and complexes are distinguished.</p> <p>Tskaltubo is a resort, with focus on balneotherapy for circulatory, nervous, musculo-skeletal, gynaecological and skin diseases, but since the 1970s its repertoire has included "speleotherapy", in which the cool dust-free environment of local caves is said to benefit pulmonary diseases (including bronchial asthma).</p> <p>Number of the Tskaltubo Municipality population as of 2002-2006 is rather stable, it has not significantly decreased, just by 0,9%, and according to the available data amounts to 71381 (females - 37696; males -34193).</p> <p>By economic activity, major part of the employed population is occupied in the following sectors: agriculture, hunting and forestry (87,8%). In general, the number of population employed during the period of 2002-2006 has negligibly increased.</p>	
Locations and distance for material sourcing, especially aggregates, water, stones?	<p>Average distance of transportation of local construction materials will be around 20 km.</p> <p>Water and power supply will be available at the construction site from the municipal water and power supply systems.</p> <p>Some of excavated material will be backfilled and some additional material will be delivered from the licensed borrowing sites – estimated distance 5-10 km.</p>	
LEGISLATION		
Identify national &	The subproject has been classified as low risk Category B according to the WB policies and the EMF. Tskaltubo municipal authority approved the SP.	

<p>local legislation & permits that apply to project activity</p>	<p>Georgian legislation does not require any type of environmental review, approval, or permitting for the SP. Though according to the national regulatory system,</p> <ul style="list-style-type: none"> (i) works contractor must be licensed, (ii) construction materials must be obtained from licensed providers, (iii) if contractor wishes to open quarries or extract material from river bed (rather than purchasing these materials from other providers), then the contractor must obtain licenses for extraction, (iv) disposal of the construction waste into a landfill or permanent placement of access inert material generated in the course of earth works in a selected location must be approved by local (municipal) governing bodies in written. <p>GOST and SNIP norms must be adhered.</p> <p>Licenses for extraction of inert material is not required because contractor is purchasing inert material (sand) from external supplier.</p> <p>The Copy of Letter of Tskaltubo municipality administration to ``Dagi`` Ltd on allocation of place for disposal of excess soil (adjacent area to the building located at 34, Chavchavadze street, Tskaltubo) and on consent on trees cutting is attached to this EMP.</p> <p>The copy of Written agreement on disposal of construction waste on Kutaisi landfill between ``Dagi`` Ltd and Solid Waste Management Company of Georgia Ltd. dated September 15, 2014 is attached to this EMP</p>
<p>PUBLIC CONSULTATION</p>	
<p>Identify when / where the public consultation process took place</p>	<p>Tskaltubo population was informed about the upcoming urban regeneration plans in a meeting held in Tskaltubo Governer’s office in Tskaltubo (05.06.2012)) and generated positive reaction of the beneficiary community.</p> <p>Draft EMP was disclosed on the web-site of MDF. Hard copies of the document was available at the MDF and Tskaltubo municipality governance.</p> <p>Draft EMP was discussed on the public consultation meeting on August 20, 2012. Minutes of the meeting is attached.</p>

PART B: SAFEGUARDS INFORMATION

ENVIRONMENTAL /SOCIAL SCREENING			
	Activity/Issue	Status	Triggered Actions
Will the site activity include/involve any of the following?	A. Building rehabilitation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section A below
	B. New construction	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section A below
	C. Individual wastewater treatment system	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section B below
	D. Historic building(s) and districts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section C below
	E. Acquisition of land ¹	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section D below
	F. Hazardous or toxic materials ²	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section E below
	G. Impacts on forests and/or protected areas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section F below
	H. Handling / management of medical waste	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section G below
	I. Traffic and Pedestrian Safety	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section H below

¹ 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.

² Toxic / hazardous material includes but is not limited to asbestos, toxic paints, noxious solvents, removal of lead paint, etc.

PART C: MITIGATION MEASURES

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
General Conditions	Notification and Worker Safety	<ul style="list-style-type: none"> (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) The Contractor formally agrees that all work will be carried out in a safe and disciplined manner 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 regulations to follow.
General Rehabilitation and /or Construction Activities	Air Quality	<ul style="list-style-type: none"> (a) During interior demolition debris-chutes shall be used above the first floor (b) Demolition debris shall be kept in controlled area and sprayed with water mist to reduce debris dust (c) During pneumatic drilling/wall destruction dust shall be suppressed by ongoing water spraying and/or installing dust screen enclosures at site (d) The surrounding environment (sidewalks, roads) shall be kept free of debris to minimize dust (e) There will be no open burning of construction / waste material at the site (f) There will be no excessive idling of construction vehicles at sites
	Noise	<ul style="list-style-type: none"> (a) Construction 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
	Water Quality	<ul style="list-style-type: none"> (a) The site will establish appropriate erosion and sediment control measures such as e.g. hay bales and / or silt fences to prevent sediment from moving off site and causing excessive turbidity in nearby streams and rivers.
	Waste management	<ul style="list-style-type: none"> (a) Waste collection and disposal pathways and sites will be identified for all major waste types expected from demolition and construction activities. (b) Mineral construction and demolition wastes will be separated from general refuse, organic, liquid and chemical wastes by on-site sorting and stored in appropriate containers. (c) Construction waste will be collected and disposed properly by licensed collectors (d) The records of waste disposal will be maintained as proof for proper management as designed. (e) Whenever feasible the contractor will reuse and recycle appropriate and viable materials (except asbestos)
Traffic and Pedestrian Safety	Direct or indirect hazards to public traffic and pedestrians by construction activities	<ul style="list-style-type: none"> (a) In compliance with national regulations the contractor will insure that the construction site is properly secured and construction related traffic regulated. This includes but is not limited to <ul style="list-style-type: none"> ▪ Signposting, warning signs, barriers and traffic diversions: site will be clearly visible and the public warned of all potential hazards ▪ Traffic management system and staff training, especially for site access and near-site heavy traffic. Provision of safe passages and crossings for pedestrians where construction traffic interferes. ▪ Adjustment of working hours to local traffic patterns, e.g. avoiding major transport activities during rush hours or times of livestock movement ▪ Active traffic management by trained and visible staff at the site, if required for safe and convenient passage for the public. ▪ Ensuring safe and continuous access to office facilities, shops and residences during renovation activities, if the buildings stay open for the public.

PART D: MONITORING MANAGEMENT PLAN

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
CONSTRUCTION PHASE						
Supply with construction materials	Purchase of construction materials from the officially registered suppliers	In the supplier's office or warehouse	Verification of documents	During conclusion of the supply contracts	To ensure technical reliability and safety of infrastructure	MDF, Construction supervisor
Transportation of construction materials and waste Movement of construction machinery	Technical condition of vehicles and machinery Confinement and protection of truck loads with lining Respect of the established hours and routes of transportation	Construction site	Inspection	Unannounced inspections during work hours and beyond	Limit pollution of soil and air from emissions; Limit nuisance to local communities from noise and vibration; Minimize traffic disruption.	MDF, Construction supervisor, Traffic Police

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
Earth works	<p>Temporary storage of excavated material in the pre-defined and agreed upon locations;</p> <p>Backfilling of the excavated material and/or its disposal to the formally designated locations;</p> <p>In case of chance finds immediate suspension of works, notification of the Ministry of Culture and Monument Protection, and resumption of works exclusively upon formal consent of the Ministry.</p>	Construction site	Inspection	In the course of earth works	<p>Prevent pollution of the construction site and its surroundings with construction waste;</p> <p>Prevent damage and loss of physical cultural resources</p>	MDF, Construction supervisor

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
Sourcing of inert material	<p>Purchase of material from the existing suppliers if feasible;</p> <p>Obtaining of extraction license by the works contract and strict compliance with the license conditions;</p> <p>Terracing of the borrow area, backfilling to the exploited areas of the borrow site, and landscape harmonization;</p> <p>Excavation of river gravel and sand from outside of the water stream, arrangement of protective barriers of gravel between excavation area and the water stream, and no entry of machinery into the water stream.</p>	Borrowing areas	<p>Inspection of documents</p> <p>Inspection of works</p>	In the course of material extraction	<p>Limiting erosion of slopes and degradation of ecosystems and landscapes;</p> <p>Limiting erosion of river banks, water pollution with suspended particles and disruption of aquatic life.</p>	MDF, Construction supervisor
Generation of construction waste	<p>Temporary storage of construction waste in especially allocated areas;</p> <p>Timely disposal of waste to the formally designated locations</p>	<p>Construction site;</p> <p>Waste disposal site</p>	Inspection	Periodically during construction and upon complaints	Prevent pollution of the construction site and nearby area with solid waste	MDF, Construction supervisor

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
Traffic disruption and limitation of pedestrian access	Installation of traffic limitation/diversion signage; Storage of construction materials and temporary placement of construction waste in a way preventing congestion of access roads	At and around the construction site	Inspection	In the course of construction works	Prevent traffic accidents; Limit nuisance to local residents	MDF, Construction supervisor
Workers' health and safety	Provision of uniforms and safety gear to workers; Informing of workers and personnel on the personal safety rules and instructions for operating machinery/equipment, and strict compliance with these rules/instructions	Construction site	Inspection	Unannounced inspections in the course of work	Limit occurrence of on-the-job accidents and emergencies	MDF, Construction supervisor
OPERATION PHASE						
Regular operation and maintenance of the provided light infrastructure	Effective contractual arrangements with private operators of the light tourist infrastructure in place; Good technical condition of the provided light tourist infrastructure; Waste management.	Central Park in Tskaltubo	Inspection	Throughout operation of the Park	Prevent malfunctioning of public WCs and disruption of water supply. Prevent deterioration and littering of the Park.	Tskaltubo municipality

Attachment 1: Minutes of the Public Consultation Meeting

Public Consultation Meeting Minutes on Environmental Management Plans

For Urban Development Sub-Projects in Tskaltubo

T s k a l t u b o

August 20, 2012

In order to discuss the environmental documentation prepared for the projects envisaged under the Imereti Regional Development Project Tskaltubo Urban Development Sub-Project, on August 20, 2012 a meeting was held at the Tskaltubo Municipality Conference Hall.

The inhabitants were informed about the public consultation in advance as the respective Statements were placed at the information boards of Gamgeoba building.

At the meeting were discussed the works with regard to the project as well as the expected impacts on environment and health of the people. There were discussed also the mitigation measures in order to minimize the potential negative impacts in the process of the project implementation. The attendees were informed about their rights and possible involvement in the construction process. In the process of the discussions concerning the Environmental Management Plans, those present were enabled to pose questions and express their critical attitudes in order to influence the plan finalization process.

Public Consultation was attended by attorneys of the territorial entities of Tskaltubo Municipality and representatives of population, as well as representatives of MDF.





Irakli Kavidadze, Environmental Consultant of the MDF presented to the attendees the draft Environmental Management Plans (EMP) for the Tskaltubo Urban Development Sub-Project.

The meeting was opened by Nino Patarashvili, representative of the Municipal Development Fund of Georgia, she informed the attendees of the meeting about importance of the Urban Development Project in Tskaltubo in terms of improvement the social and economic conditions in the region and the Municipality.

At the meeting were discussed the works with regard to the project as well as the expected impacts on environment and health of the people. There were discussed also the mitigation measures in order to minimize the potential negative impacts in the process of the project implementation. The attendees were informed about their rights and possible involvement in the construction process.

The following main topics were presneted during the meeting:

- Brief description of existing situation;
- Reviewing and analysis of design-construction solutions;
- Analysis of the existing environmental condition on the project sites;
- Evaluation and analysis of possible negative impact on environment;
- Mitigation measures, Environmental Management and Monitoring;
- Expected involvement of population in monitoring of construction process.

The presentation was folowed by debates. the Q&A session is given in annex in the form of the table #1.

Q&A session:

Question/Comment	Comments
Will the local population be employed?	The employment issue and employing of workers essential for the project implementation will be carried out by the Contractor which will be identified by the Bidding. According to the World Bank requirements in the process of selecting the employees if the qualification is equal, priority should be given to the local one.
What does the rehabilitation of the administrative buildings mean?	Rehabilitation of the administrative buildings means restoration and renovation of the facades of the above-mentioned buildings.
The project implementation area is only the Tskaltubo park or other areas will also be subject to rehabilitation?	<p>As we have already mentioned, the Tskaltubo project includes eight sub-projects, which are as follows:</p> <p>Restoration of Existing Buildings and Small Size Pedestrian Bridges in central part of Tskaltubo Town;</p> <p>Construction of Destination Management Office and Tourism-related Small Size Structures on Central Part, Park and Lake "Tsivi" Territories in Tskaltubo Town;</p> <p>Rehabilitation of Water Supply and Sewerage System in central part of Tskaltubo Town;</p> <p>Rehabilitation of Road Pavement and Stormwater Drain System of Circle Road in Tskaltubo Town;</p> <p>Rehabilitation of Roads, Foot Paths and Stormwater Drain System of Central Park and Lake "Tsivi" in Tskaltubo Town;</p> <p>Arrangement of Irrigation System and Landscaping of Central Park and Lake "Tsivi" Territory in Tskaltubo Town;</p> <p>Rehabilitation of Lake "Tsivi" and Water Channels In Tskaltubo Town;</p> <p>Rehabilitation of Outdoor Lightings of Circle Road, Central Park and Lake "Tsivi" Territory in Tskaltubo Town.</p>

List of attendees (interested population)

იმერეთის რეგიონული განვითარების პროექტი

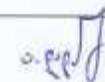
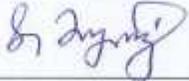
ქ. წყალტუბოში დაგეგმილი ქვეპროექტების გარემოსდაცვითი დოკუმენტაციის

საჯარო განხილვა

შეხვედრაზე დამსწრეთა სია

ქ. წყალტუბო

20.08.2012 წ.

#	სახელი და გვარი	მოქალაქე/ორგანიზაცია	საკონტაქტო ინფორმაცია	ხელმოწერა
1.	აექსრტე დენიშვილი	მსახურე ქ. წყალტუბო, ხელისაღიშნული №1/5	577965511	
2.	დვით ხიფაძე	მუნიციპალიტეტის ქ. წყალტუბო ჩოლოყაძის ქ. 1/29	551447244	
3.	გრიგოლ აბრამიძე	ქ. წყალტუბო 3 ახალი ქ. ან26	595959620	
4.	გიორგი მჭავრიჭავაძე	ქ. წყალტუბო ვ. ბერიძის ქ. 1/15	555509100	
5.	იხაფი წანავა	ქ. წყალტუბო, ბასნივის ქ. ან2	595959384	
6.	ნიჰაბ მეჩვანიძე	ქ. წყალტუბო ვოლოკის ქ. 1/6/19	591221592	
7.	ფიქსია მურგოლაძე	მუნიციპალიტეტის ქ. წყალტუბო ქ. ან26/34	598290928	

#	სახელი და გვარი	მოქალაქე/ორგანიზაცია	საკონტაქტო ინფორმაცია	ხელმოწერა
8.	ფაჩ ჯემელიძე	ასიპ „ნაღვლის მწიკთავი“ ავილაზი	ქ. ნაღვი, უბნაკა მ-6 მქაქ 598 33 96 86	
9.	გუგუნი ჩხეიძე	მედიკალური კონსულტაციები მამკ. სერა. სპ.	ქ. ნაღვი, უბნაკა მ-6 მქაქ ქ. N4 მ/19 577 600 80	
10.	ვახტანგ ცხელიძე	ნაღვი, უბნაკა მ-6 მქაქ ავილაზი და ინვესტიციების სერვისი, სამსახური 93101	ქ. ნაღვი, უბნაკა მ-6 მქაქ ქ. N6 5 95 95 067	
11.	გიორგი ჭიჭინაძე	ნაღვი, უბნაკა მ-6 მქაქ სერვისი და ინვესტიციების სერვისი 10101	ქ. ნაღვი, უბნაკა მ-6 მქაქ 595 95 99 43	
12.	იონა ჭიჭინაძე	ნაღვი, უბნაკა მ-6 მქაქ სერვისი და ინვესტიციების სერვისი 10101	ქ. ნაღვი, უბნაკა მ-6 მქაქ 8310101 535-95-95-98	
13.	მანანა ჭიჭინაძე	ნაღვი, უბნაკა მ-6 მქაქ სერვისი და ინვესტიციების სერვისი 10101	ქ. ნაღვი, უბნაკა მ-6 მქაქ 535 2 127	
14.	მარიამ ჭიჭინაძე	ნაღვი, უბნაკა მ-6 მქაქ სერვისი და ინვესტიციების სერვისი 10101	ნაღვი, უბნაკა მ-6 მქაქ N. 9/16	
15.	ნინო ჭიჭინაძე	ნაღვი, უბნაკა მ-6 მქაქ სერვისი და ინვესტიციების სერვისი 10101	557-33-85-88	
16.	მარიამ ჭიჭინაძე	ნაღვი, უბნაკა მ-6 მქაქ სერვისი და ინვესტიციების სერვისი 10101	595 90 89 44	
17.	ნინო ჭიჭინაძე	ნაღვი, უბნაკა მ-6 მქაქ სერვისი და ინვესტიციების სერვისი 10101	568-27-27-64	

#	სახელი და გვარი	მოქალაქე/ორგანიზაცია	საკონტაქტო ინფორმაცია	ხელმოწერა
18.	ივანიშვილი მხედველი	ხედიანთა მხედველი საოფისო მსახურე	577 528158	ი. ივანიშვილი
19.	ბიბიჯანიძე	მხედველი, სპორტის, სანაპირო და ტურისტული მსახურე	598 14 68 37	ბ. ბიბიჯანიძე
20.	ბაბიჯანიძე	ქარაიანი, ავტოსადამაგრი და მანქანების სარემონტო	598 834871	ბ. ბაბიჯანიძე
21.	ბაბიჯანიძე	მხედველი საოფისო მსახურე	598 588 581	ბ. ბაბიჯანიძე
22.				
23.				
24.				
25.				
26.				
27.				

Attachment 2: Letter of Tskaltubo municipality administration to ``Dagi`` Ltd on allocation of place for disposal of excess soil (adjacent area to the building located at 34, Chavchavadze street, Tskaltubo) and on consent on trees cutting



Attachment 3: Written agreement on disposal of construction waste on Kutaisi landfill between ``Dagi`` Ltd and Solid Waste Management Company of Georgia Ltd. dated September 15, 2014.

მომსახურების ხელშეკრულება №95

ქ. თბილისი 15.09.2014წ
შ.პ.ს. „საქართველოს შვარი ნარჩენების მართვის კომპანია“, მისი დირექტორის გიორგი შუბოშვილის სახით, (შემდგომში ვადასმული როგორც "შემსრულებელი") ერთი მხრით და შპს „დაგი“ მისი დირექტორის მიხეილ შარანგიას სახით, მეორის მხრით, საქართველოს მოქმედი კანონმდებლობისა და საწარმოს წესდების მე-8 მუხლის მე-7 პუნქტის შესაბამისად, ურთიერთ შეთანხმების საფუძველზე დადებენ ხელშეკრულებას შემდეგნაირად:

მუხლი 1. ხელშეკრულების ხაზანი
1.1 შემსრულებელი დამკვეთის მოთხოვნისა და შემსრულებელი ორგანიზაციის 2014 წლის 10 აპრილის №01-5/24 ბრძანებისა და 2014 წლის 08 ივლისის №8-ო ბრძანების საფუძველზე, ახორციელებს დაახლოებით 150 (ას ორმოცდაათი) ტონა „სამშენებლო-ინერტული და მასთან გათანაბრებული ნარჩენის (მიწა, მიწანარევი, ინერტული მასალა და სხვა)“ განთავსების მომსახურებას, შემსრულებლის ბალანსზე რეცხული ქ. ქუთაისის შვარი საყოფაცხოვრებო ნარჩენების პოლიგონზე (შემდგომში "მომსახურება").

მუხლი 2. ხელშეკრულების პირობები
2.1 შემსრულებელი ვადასმულია დროულად და ხარისხიანად მოემსახუროს დამკვეთს და უსრუნველყოს „სამშენებლო-ინერტული და მასთან გათანაბრებული ნარჩენის (მიწა, მიწანარევი, ინერტული მასალა და სხვა)“ ნაგავსაყრელზე განთავსების მომსახურების გაწვევა.
2.2 შემსრულებელი ვადასმულია აღნიშნული მომსახურების გაწვევა დამკვეთისათვის უსრუნველყოს წინამდებარე ხელშეკრულების გაფორმებიდან - 2014 წლის 31 დეკემბრამდე.
2.2 დამკვეთი ვადასმულია ხელშეკრულებით განსაზღვრულ ვადაში და განსაზღვრული პირობებით გადაუხადოს შემსრულებელს მომსახურების ღირებულება.

მუხლი 3. მხარეთა უფლება-მოვალეობები
3.1 შემსრულებელი ვადასმულია:
3.1.1 დროულად და ხარისხიანად განახორციელოს 1.1 მუხლში აღნიშნული მომსახურება.
3.1.2 მომსახურების გაწვევისას დაცვას საერთაშორისო სტანდარტებითა და ტექნიკური რეგლამენტებით განსაზღვრული პირობები, ნარჩენის ნაგავსაყრელზე განთავსების მიხედვით.

3.2 შემსრულებელს უფლება აქვს:
3.2.1 ხელშეკრულებით განსაზღვრულ ვადაში დამკვეთისაგან მოითხოვოს მომსახურების ღირებულების დროულად გადახდა.
3.2.2 დამკვეთისაგან მოითხოვოს წინამდებარე ხელშეკრულების პირობების დაცვა.

3.3 დამკვეთი ვადასმულია:
3.3.1 ხელშეკრულებით განსაზღვრულ ვადაში და პირობებით გადაუხადოს შემსრულებელს მომსახურების ღირებულება.

3.3.2 შემსრულებლის კუთვნილ შვარი საყოფაცხოვრებო ნარჩენების ნაგავსაყრელზე ნარჩენის შემოტანა უსრუნველყოს ხაზანისა და უსაფრთხოების ნორმების დაცვით.

შემსრულებელი  დამკვეთი 

3.4 დამკვეთის უფლება აქვს:

3.4.1 მოითხოვოს შემსრულებლისაგან უხარისხოდ გაწეული მომსახურების გამოსწორება.

3.4.2 მოითხოვოს შემსრულებლისაგან წინამდებარე ხელშეკრულების პირობების დაცვა.

3.4.3 შემსრულებლის მიერ წინამდებარე ხელშეკრულების შეუსრულებლობის ან არასათანადოდ შესრულების შემთხვევაში წერილობითი ფორმით, აცნობოს შემსრულებელს.

3.4.4 მხარეები ვალდებული არიან დროულად და ჯეროვნად შეასრულონ წინამდებარე ხელშეკრულებით ნაკისრი ვალდებულებები.

მუხლი 4. ანგარიშსწორება და ხელშეკრულების ღირებულება

4.1 გასაწევი მომსახურების ღირებულება განისაზღვრება ეროვნულ ვალუტაში.

4.2 1 (ერთი) ტონა „სამშენებლო-ინჟერტული და მასთან გათანაბრებული ნარჩენის (მიწა, მიწანარევი, ინჟერტული მასალა და სხვა)“ შემსრულებლის კუთვნილ მყარი საყოფაცხოვრებო ნარჩენების პოლიგონზე განთავსების მომსახურების ღირებულება შეადგენს 10 (ათი) ლარს დღე-ს ჩათვლით. დამკვეთი, შემსრულებლის მიერ გასაწევი მომსახურების შესაბამის ანაზღაურებას უსრულებელიყოს მყარი მუნიციპალური ნარჩენების ნაგავსაყრელზე, ეოველითიურად ფაქტიურად შეტანილი ნარჩენის საერთო მოცულობის შესაბამისად.

4.3 დამკვეთი ვალდებულია ჩარიცხოს თანხა შემსრულებლის საბანკო ანგარიშზე შესაბამისი ანგარიშ-ფაქტურისა და კონკრეტულად გაწეული მომსახურების გაწევის მიღება-ჩაბარების აქტის გაფორმებიდან 10 (ათი) კალენდარულ დღეში.

4.4 შემსრულებლის მიერ წინამდებარე ხელშეკრულებით ნაკისრი ვალდებულებების შესრულების შემდეგ მხარეები აღგუზნ მომსახურების გაწევის მიღება-ჩაბარების აქტს, რაც ადასტურებს შემსრულებლის მიერ ნაკისრი ვალდებულებების ჯეროვნად შესრულებას.

4.5 შემსრულებლის მხრიდან მომსახურების გაწევის მიღება-ჩაბარების აქტს ხელს აწერს შემსრულებლის სტრუქტურული ერთეულის - რეგიონული მართვის დეპარტამენტის უფროსი კოორდინატორი (რეგიონული მართვის საკითხებში იმერეთის რეგიონში) - გიორგი საყვარელიძე.

მუხლი 5. ხელშეკრულების მოქმედების ვადა და მიხი შეწყვეტის წესი

5.1 წინამდებარე ხელშეკრულება ძალაში შედის მხარეთა მიერ მიხი ხელმოწერის მომენტიდან და მოქმედებს მხარეთა მიერ ნაკისრი ვალდებულებების სრულად და ჯეროვნად შესრულებამდე - 2014 წლის 31 დეკემბრამდე.

5.2 ხელშეკრულების ვადამდე შეწყვეტა მხარეებს არ ათავისუფლებთ ხელშეკრულების შეწყვეტამდე შესასრულებელი ვალდებულების შესრულების მოვალეობისაგან.

მუხლი 6. სადავო საკითხების მოგვარება

დამკვეთსა და შემსრულებელს შორის წინამდებარე ხელშეკრულების რეალიზაციისას წარმოშობილი სადავო საკითხები წესრიგდება მხარეთა შუთანხმებით, ხოლო შუთანხმების მიუღწევლობის შემთხვევაში სადავო საკითხს განიხილავს სახამართლო.

შემსრულებელი 

დამკვეთი 

მუხლი 7. დასკვნითი დებულებები

7.1 წინამდებარე ხელშეკრულების ~~ვერა~~ მუხლი და დანართი წარმოადგენს მის განუყოფელ ნაწილს.

7.2 წინამდებარე ხელშეკრულებაში ცვლილების შეტანა შეიძლება მოხდეს მხოლოდ მხარეთა შეთანხმებით, რომელიც უნდა იყოს წერილობითი ზეპირ გარიგებებს ძალა არა აქვთ.

7.3 წინამდებარე ხელშეკრულება შედგენილია 2 (ორი) თანაბარი იურიდიული ძალის მქონე ეგზემპლარად ქართულ ენაზე. ერთი ეგზემპლარი გადაეცემა დამკვეთს, ხოლო ერთი ეგზემპლარი ინახება შემსრულებელთან.

მუხლი 8. მხარეთა რეკვიზიტები და ხელმოწერები:

შემსრულებელი:

შპს „საქართველოს შიდა ნარჩენების მართვის კომპანია“, იურიდიული მის: ქ.თბილისი, აღ.კაპიტანის №12, ფაქტური მის: ქ. თბილისი, ანა პოდტოკუსკაიას ქ. №10 მე-4 სართული, საიდენტიფიკაციო კოდი: 404942470, საბანკო რეკვიზიტები: ბანკი: სს „თიბისი ბანკი“, ბანკის კოდი: TBCBGE22, ანგარიშის ნომერი: GE51TB7161936080100005.

ხელმოწერა



გიორგი შუხოშვილი

დამკვეთი:

შპს „დაგი“, იურიდიული მისამართი: საქართველო, ქ. თბილისის საბურთალოს რაიონში, მიცეციწის ქ. №29, მე-2 და მე-3 კორპუსი, საიდენტიფიკაციო კოდი: 205022134.

ხელმოწერა



გიორგი შარანგია