

**LOCAL AND REGIONAL
COMPETITIVENESS PROJECT**

**ENVIRONMENTAL AND SOCIAL
MANAGEMENT PLAN CHECKLIST**

Sub-project:

Additional buildings to the hotel VIP Hotel Berovo

2020

ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN CHECKLIST

1. INTRODUCTION

The Local and Regional Competitiveness Project (LRCP) is a four-year operation for investment, supported by the European Union, which uses IPA funds 2 for competitiveness and innovation in N. Macedonia. The LRCP will be managed as a hybrid trust fund and will consist of four components and will be implemented by the World Bank and the Government of the Republic of N. Macedonia. The project will provide funding for investment and capacity building to support sector growth, investment in destinations and creating prosperity in certain destinations. At regional and local level, the project will support selected tourist destinations in the country through a combination of technical assistance to improve governance with the destination, for investing in infrastructure and investing in connecting and innovating. Investments will be made through a grant scheme for regional tourism actors, such as municipalities, institutions, NGOs and the private sector.

This environmental and social aspects management plan has been prepared for the activities undertaken for the sub-project "Additional buildings to the hotel VIP Hotel Berovo". The EMP represents the environmental document consisting of a description of the project, technical details, scope, environment and location, on the basis of which environmental and social risks and measures for avoidance and mitigation are assessed. The application of measures to mitigate the perceived risks and problems identified in the EMP is compulsory. The implementation of this sub-project offers opportunities for affirmation of the sub-project on the international level. The attractiveness of Berovo Lake offers opportunities for development of cross-border tourism with the neighboring countries (Republic of Bulgaria and Greece). So far, people from all over Macedonia, but also from Bulgaria and Greece, have visited and stayed. The sub-project will offer the opportunity to establish business and tourist contacts with the travel agencies in the Republic of N. Macedonia and this will increase the tourist offer of the existing hotel and increase the accommodation capacities, and with it the likelihood that tourists will be more interested in visiting the destination as well as the opportunities for self-employment of people from the local region.

2. DESCRIPTION OF THE SUB-PROJECT

The main goal of this sub-project is Maleshevie to become a desirable destination that will fully meet the needs of tourists, based on the principles of sustainable management of the destination, where tourism will make a major contribution to local economic development and the creation of new jobs, a destination for which tourists will know they exist, will be able to successfully book, have good experience and will be ready to make a reservation or recommend the destination to others. The sub-project involves addition to the existing facilities of Hotel VIP Berovo, which is to become a modern and comfortable tourist complex. In the tourist complex, tourists and visitors will have access to free internet, possibility to visit nearby churches. All work will be carried out in accordance with the

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construction norms together with the procurement and placement of materials, including cleaning and transporting waste from the construction site. No asbestos materials on the roof and walls, lead colors and compact fluorescent lamps will be used in process of construction of addition of the existing hotel.

The sub-project will be carried out on parcel owned by the beneficiary (VIPTURS 1 DOOEL SKOPJE), in urban area in tourist settlement Berovo Lake, located in near town of Berovo, Municipality of Berovo. Beneficiary holds valid permit for construction of addition and renovation of existing accommodation capacity. Permit is issued by Municipality of Berovo is in accordance with urban planning documentation.

The detail design predicts an extension of the building (Basement + Ground Floor + Floor +Attic), with total surface of 367m², with 11 accommodation studios each one with bathroom, including vestibules including external stairs and terraces on each floor, installation of heating, cooling equipment (11 air conditioning devices) in the extended part of the existing building, equipping the new 11 studios with furniture (beds, sofas, closets, chairs, armchairs, lamps, etc.) equipping the 8 new bathrooms (line siphons, glass panel, wall-mounted toilets, wall-mounted wash-basins, built-in toilet tanks, baskets as well as mirrors).

Following types of construction activities will be conducted within this subproject

1. Excavations: The terrain where the foundation will be excavated is located on the east side and is flat, and only the paver blocks along the current building should be removed (which will be used later for laying paths to the extension). According to the bill of quantities it is necessary to make an excavation for the foundation of 146m³ of earth which will be transported to a legal landfill for inert waste.
2. The construction system of the building will be of reinforced concrete elements placed on the foundation in the shape of reinforced concrete foundation slabs with dimensions according to the static calculations. The newly-planned reinforced concrete pillars are of reinforced concrete. The newly planned reinforced concrete constructions between the floors are reinforced concrete massive plates with thickness of 15.00cm. The carrier roof construction has been planned to be made of massive 1st class wood material and with dimensions according to the static calculations.
3. Walls: the external and internal walls have been planned to be made of gypsum boards. Depending on the purpose/use of the rooms, the final works will be performed accordingly (extended mortar or ceramic tiles). The façade of the building will be thermally insulated with a 10cm thermal insulation, and it will be energetically efficient and finally treated.
4. Floors: the floors will be treated accordingly depending on the room's purpose with ceramic tiles and laminate flooring over a previously layered cement screed, foil and thermal and sound insulation of 5cm. The rooms will be layered with laminate flooring placed over a layer of glue, while the bathrooms and terraces will be layered with ceramic tiles. On the last plate, prior to covering the roof, there will be a layer of pressed mineral wool with thickness of 10cm as thermal insulation.

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5. Ceilings: all ceilings will be plastered, polished and coated with emulsion paint.
6. Roof: the roof has been planned to be a complex roof, placed on reinforced concrete beams with an inclination. The roof construction is made of cut out tree material, over which there is a board panel centering with one layer of terry paper, thermal insulation, over which laths will be placed and covered with plasticized teen sheets.
6. Locksmith works: all transparent elements – the windows and balcony doors will be made of PVC profiles with good sealing and insulated glazing pack, with glass of high quality, and with a satisfactory quotient of thermal and sound conduction.

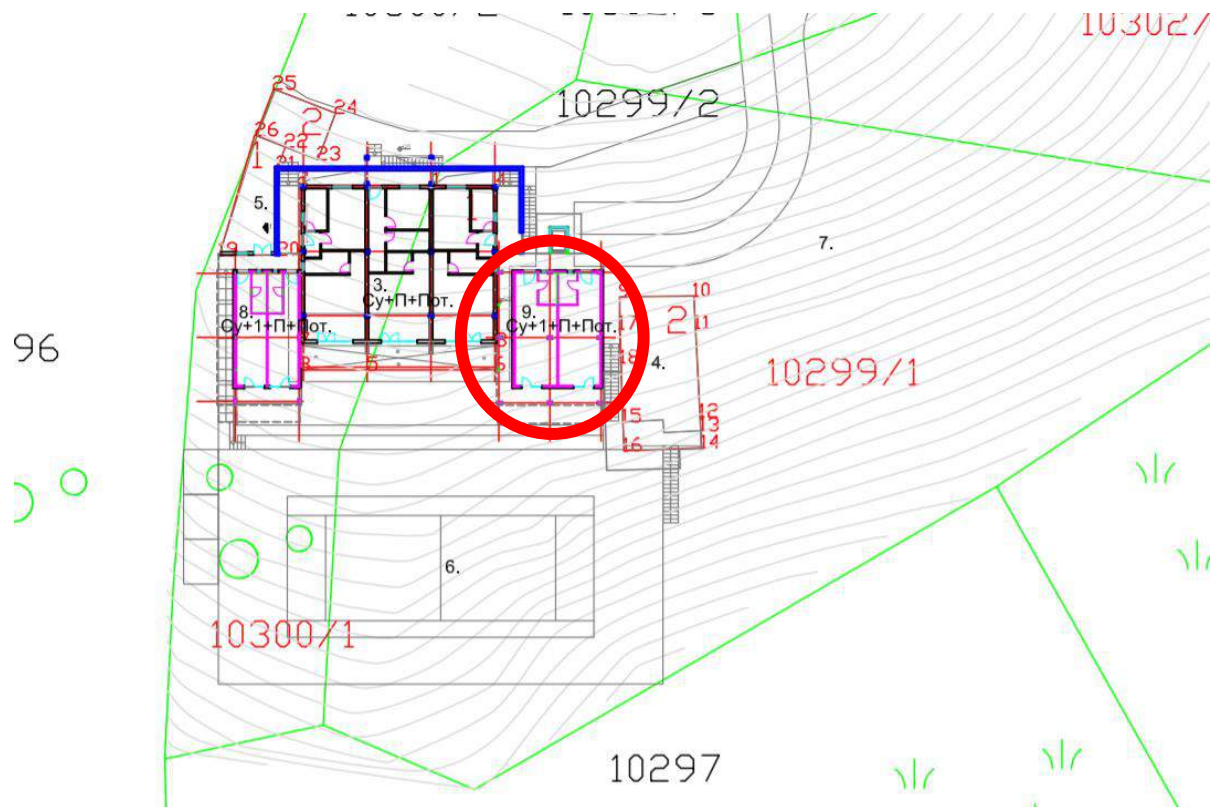


Figure 1. Footprint of extension/addition (red circle) to existing accommodation facility

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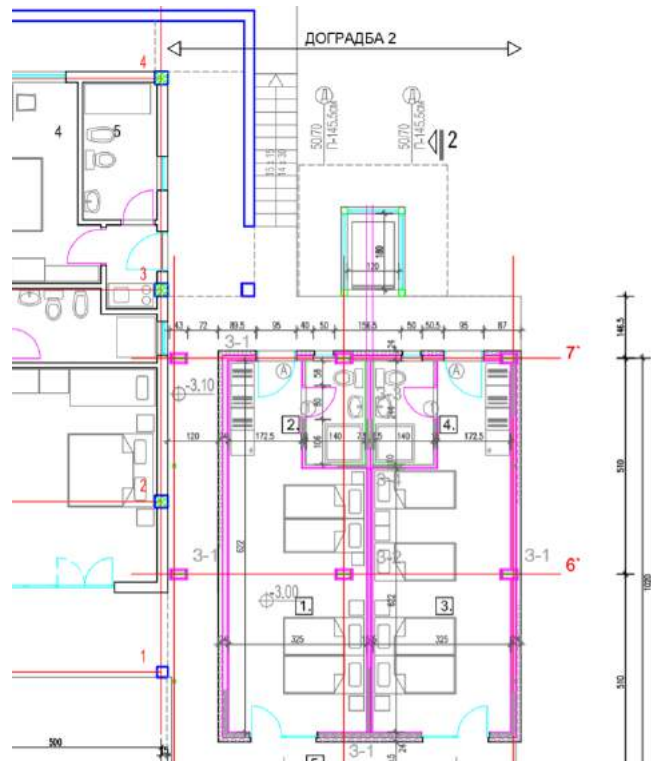


Figure 2. Design of the high basement in extension/addition to existing accommodation facility

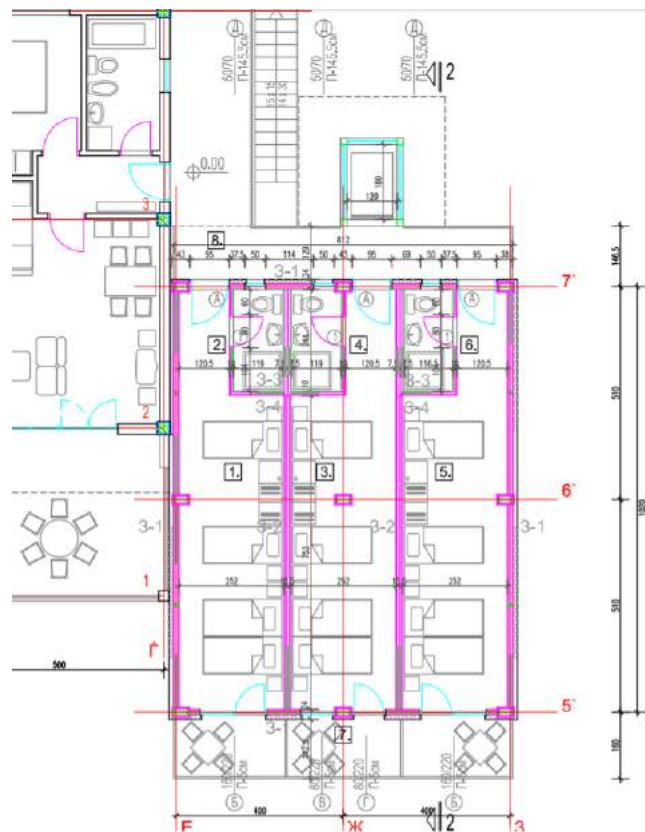


Figure 3. Design of the ground floor in extension/addition to existing accommodation facility

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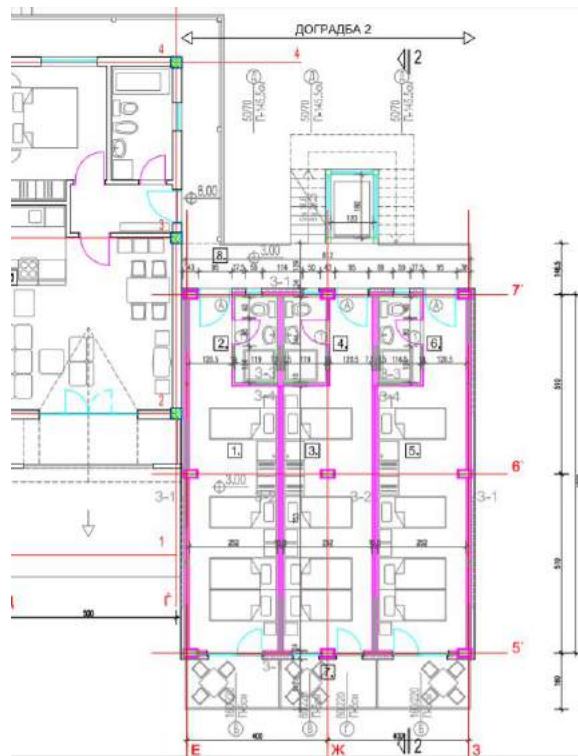


Figure 4. Design of the first floor in extension/addition to existing accommodation facility

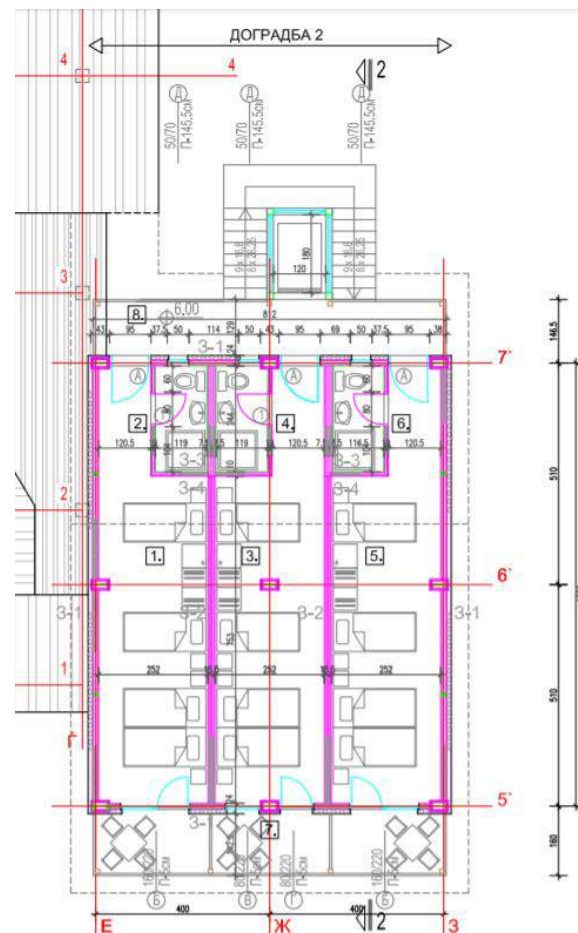


Figure 5. Design of the first floor in extension/addition to existing accommodation facility

3. ENVIRONMENTAL CATEGORY

3.1. World Bank Safeguard Policies/Categorization

LRCP is supported by a European Union grant and implemented jointly by the Cabinet of the Deputy Prime Minister for Economic Affairs, as the implementing agency of funds, and the World Bank. LRCP has been classified as Category B project, meaning some level of adverse impact can be expected as a result of its implementation, but none of them significant, large-scale or long-term. As a result of this classification OP 4.01 Environmental Assessment is triggered. Subsequently, the CDPMEA prepared Environmental and Social Management Framework (ESMF) to guide environmental due diligence of sub-projects supported through the Component 3 grant scheme, define eligibility and procedures for screening and environmental assessment. All project (and sub-project) activities must be implemented adhering with the ESMF, WB operational policies and procedures and national regulation (the strictest one prevails).

A proposed sub-project is classified as Category B- due to the fact that its future environmental impacts are less adverse than those of Category A and B+ sub-projects considering their nature, size and location, as well as the characteristics of the potential environmental impacts.

The category would require an EA to assess any potential environmental impacts associated with the proposed sub-project, identify potential environmental improvement opportunities and recommended any measures needed to prevent, minimize and mitigate adverse impacts. The scope and format of the EA will vary depending on the sub-project, but will typically be narrower than the scope of EIA, usually in form of ESMP. The scope of ESMP is defined in Annex D of the ESMF. For the sub-projects involving simple upgrades, rehabilitation or adaptation of the buildings, ESMP checklist would be used (template given in Annex F of the ESMF).

B- Category would include sub-projects that also: (a) involve working capital loans which include purchase and/or use of hazardous materials (e.g. petrol) or (b) process improvements that involve purchase of equipment/machinery presenting a significant potential health or safety risk. According to Macedonian laws, types of sub-projects that fall under category B- do not require EIA.

3.2. Environmental assessment according to national legislation

The sub-project belongs to the category of occupation/activity in accordance with the legal regulations in Article 24 (4) or (5) from the Law on Environment ("Official Gazette of the Republic of Macedonia" no. / 2005, No. 109/2009) and the Decree on amending the Decree on occupations and activities for which a compulsory elaborate is prepared, for the approval of which the competent body is Mayor of the municipality (Official Gazette No.32/12).

Sub-project belongs to the category **Facilities for accommodation and food service activities** (of above-mentioned Decree):

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Hotels and similar accommodation facilities (hotel settlements, apartment hotels and motels) with over 50 beds predicted – in urban areas in accordance with the Decree on amending the Decree on occupations and activities on which preparation of elaborate is a compulsory, and for the approval of which the competent body for conduction of expert activities in the field of environment is responsible (Official Gazette No.36/12).

In accordance to this, an Elaborate for protection of the environment has been prepared and a Decision for approval of the elaborate for protection of the environment issued by the Mayor of Municipality of Berovo was obtained (attached as annex to this ESMP Checklist).

4. ENVIRONMENTAL IMPACTS

As result of envisaged sub-project activities for construction of addition and renovation of existing accommodation facility following potential impact were identified:

1. Possible negative safety and health risks and impacts on the population, drivers and workers (local impacts limited to the location of construction of addition and renovation of existing accommodation capacity short term, present only in implementation phase) due to:

- Lack of occupational health and safety (OHS) measures during works for the construction of addition to existing accommodation capacity,
- Injury occurred on or near the site of works (e.g. due to lack of protection clothes or equipment, or other safety shortcomings),
- Non-compliance with safety standards and work procedures,
- Inadequate traffic management and pedestrian safety.

2. Possible impact on air quality and air emissions from vehicles transporting materials and work of mechanization and equipment on sub-project location and transporting waste outside of the site (local impact, limited to the location of construction of addition and small renovation of existing accommodation capacity, occurring only in implementation phase) due

to:

- emissions of dust from transport of materials, materials management and civil works (mostly from the pit excavation for foundation - of soil will be excavated),
- exhaust fumes from vehicles and traffic, as well as causing changes in the existing traffic circulation nearby.

3. Possible vibrations emissions and noise disturbances as a result of transport vehicles moving through the town of Berovo to the construction of addition to existing accommodation capacity location as well as works themselves (local impacts limited to the location only in implementation phase).

4. Inadequate waste management and untimely collection and transport of waste. Possible side effects/impacts on the environment and adverse health effects may arise as a result of generation and management of different types of waste (primarily construction waste such as

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surplus of soil from foundation excavation, waste plywood, carpet, cloth, sponge, leftovers of gypsum boards as well as wood, metals, glass, plastic, hazardous waste, e.g. paint and glues residues and packaging. Packaging waste (cardboard and nylon) will also be created. These impacts are local and limited only in period of implementation of sub-project activities.

5. The impacts on the soil occur during the construction phase as a result of the activities taking place during construction, i.e. the activities during the preparation phase (bringing the location into a planned condition, ready for construction of the building) such as removal of paving (bechaton tiles), excavation of soil, construction of foundations etc. .

Some of the impacts that may occur during this phase are:

- During the construction of the building foundations, an excavation of a small quantity of soil (146 m³) occurs, due to which there is change in the quality and the profile of the soil, the changes and the impacts are of permanent character and relate to physical changes of the relief and the usable value of the soil;
- There will be no land erosion, because the terrain is flat, there is no need for leveling, and therefore there will be no increased movement of soil during the construction, due to the suitable conditions of location envisaged for construction of addition to existing accommodation facility;
- Soil pollution caused by leaks of substances such as fuel or oils used by vehicles and machinery or release of some polluting substances already present in the soil;

These impacts are significant, some of which are temporary, while others are permanent. Upon completion of the activities in this phase, the land around the building should be flattened and stabilized, and if possible, arranged and decorated.

6. Within the activities planned with the sub-project that will be carried on site no emissions in the underground and surface waters are expected.

It is of particular importance to avoid accidental oil, fuel leakages from the vehicles and machines that will be used during the construction and their direct contact with the soil, and therefore indirectly with the groundwater/surface water resources. Improper waste management can also cause emissions in to soil and underground waters. If preventive measures detailly shown in Mitigation Plan given below, are not set there is a possibility these emissions to cause long term and significant impacts on surface and underground waters and soil.

5. PURPOSE OF ESMP CHECKLIST, DISCLOSURE REQUIREMENTS

The World Bank requires an Environmental Assessment (EA) for projects proposed for funding by the World Bank in order to ensure that they are sustained and sustainable from the environmental point of view and thus improve decision-making. EA is a process whose breadth, depth and type of analysis depend on the nature, scope and potential environmental impacts of the proposed project. The EA assesses the possible environmental risks of the project, as well as their impacts in the area covered by the project.

According to the conducted screening of the Application for Expression of Interest this sub-project was categorized as B-. The subprojects are classified in category B- Potential impacts on the environment are less harmful than sub-projects in categories A and B + given their nature, size and location, as well as the characteristics of potential environmental impacts.

The scope of the environmental assessment for the sub-projects may be different for different sub-projects, but it is usually less than the scope of the Environmental Impact Assessment, most often in the form of an Environmental and Social Management Plan (ESMP). For sub-projects that envisage simple upgrades, renovations or adaptations of objects, the ESMP Checklist is used. The form of the ESMP Checklist is defined by the Environmental and Social Framework for the Local and Regional Competitiveness Project.

ESMP Checklist is applied for minor rehabilitation or small-scale building construction. It provides "pragmatic good practice" and it is designed to be user friendly and compatible with WB safeguard requirements. The checklist-type format attempts to cover typical mitigation approaches to common civil works contracts with localized impacts.

The checklist has one introduction section (Introduction part in which the project is described, part where environmental category is defined, identified impacts, and ESMP Checklist concept explained) and three main parts:

- Part 1 constitutes a descriptive part ("site passport") that describes the project specifics in terms of physical location, the institutional and legislative aspects, the project description, inclusive of the need for a capacity building program and description of the public consultation process.
- Part 2 includes the environmental and social screening in a simple Yes/No format followed by mitigation measures for any given activity.
- Part 3 is a monitoring plan for activities during project construction and implementation. It retains the same format required for standard World Bank ESMPs. It is the intention of this checklist that Part 2 and Part 3 be included as bidding documents for contractors.

The procedure for publishing the ESMP Checklist is as follows: ESMP Checklist in Macedonian, Albanian and English language should be published on the website of the LRCP and the recipient as well as on the websites of the affected municipality and should be available to the public for at least 14 days. It should be available in hard copy in the premises of the LRCP and in the relevant municipalities and / or in the centers of the planning regions. When it is announced, the call for remarks on the documents should be issued along with the

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available electronic and postal address for sending the remarks. The record of the public hearing (collected comments and questions) contains the basic information about the place, list of present persons and summary of the received remarks and should be included in the final version of the published document.

6. APPLICATION OF THE ESMP CHECKLIST

The ESMP Checklist is a document prepared and owned by the beneficiary. The design and implementation process for the envisaged mitigation measures in the sub-project will be conducted in three phases:

1. General identification and scoping phase, in which the object for renovations/small construction/adaptation is selected and an approximate program for the potential work typologies elaborated. At this stage, Parts 1, 2 and 3 of the ESMP Checklist are drafted. Part 2 of the ESMP Checklist can be used to select typical activities from a "menu" and relate them to the typical environmental issues and mitigation measures. Public consultations take place, ESMP is finalized.

2. Detailed planning and tendering phase, including specifications and bills of quantities for construction works, equipment goods, marketing and other services related to the subproject. The ESMP Checklist will be attached as integral part to the bidding documentation and works contract as well as supervision contract, analogous to all technical and commercial terms, has to be signed by the contract parties.

3. During the works' implementation phase environmental compliance (with ESMP Checklist and environmental and health and safety (H&S) regulation) and other qualitative criteria are implemented on the respective site and application checked/supervised by the site supervisor, which includes the site supervisory engineer or supervisor of the project appointed for ESMP Checklist implementation supervision. The mitigation measures in Part 2 and monitoring plan in Part 3 are the basis to verify the Contractor's compliance with the required environmental provisions.

Practical application of the ESMP Checklist will include the achievement of Part I for having and documenting all relevant site specifics. In the second part, the activities to be carried will be checked according to the envisaged activity type and in the third part the monitoring parameters (Part 3) will be identified and applied according to activities presented in Part 2.

The whole ESMP Checklist filled in table (Parts 1, 2 and 3) for each of the type of work should be attached as integral part of work contracts and as analogue with all technical and commercial conditions which should be signed by the contracting parties.

7. MITIGATION MEASURES

Responsible parties for implementation of the mitigation and monitoring measures are:

- Contractors (firms selected by tender)

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- Supervisor-engineer
- Applicant (beneficiary)

The measures to avoid and reduce/mitigate the identified impacts on the living environment, workers and communities, and social aspects of the subproject to be applied within the subproject are, but not limited to, the following:

- Fencing and marking the location/construction site in accordance with legal regulations,
- Placing a board containing all data – number of construction permit, name of investor, contractor and supervisor
- Application of safety measures for the workers in accordance with the evaluated risks for the respective workplace
- marking the appropriate location for temporary storage of the construction material on the site,
- providing warning strips, fences and markings,
- prohibiting entry of unemployed persons into the warning strips,
- applying the safety measures to citizens,
- machines to be run only from experienced and trained personnel,
- constant presence of fire extinguishers in case of fire or other damage,
- wearing protective equipment and clothes at all times, fixing scaffolds, and other H&S measures,
- flammable liquids can be placed and stored exclusively in vessels designed for that purpose.
- In the main design there is a guide for performing construction works which the contractor shall abide to in order to avoid damage of other infrastructure lines that can lead to environmental consequences of large scales – cracking of water and sewer pipes, fire and explosion outbursts etc.
- Regular maintenance of the vehicles and construction mechanization and periodic repairs in accordance with the procedures and in order to reduce leakage, emissions. The maintenance and repairs of the vehicles and construction machinery are not allowed to be carried out at the construction site.
- Providing measures for the protection of vehicles and equipment - in particular, measures for maintenance of the exhaust pipes installation, the engine oil filters, and regular servicing of the equipment and construction mechanization in order to reduce leakages and emissions.
- Waste is an accompanying product during construction. From the first day, it is necessary to identify the locations for storing the equipment and materials, for unloading vehicles and for disposing of waste material. At the end of each working day, the entire generated waste material, should be stored in the previously determined location for that purpose.
- At the end of each working day, the entire generated waste material, should be stored in the previously determined location for that purpose. Depending on the possibilities, the construction site should be cleaned and arranged in order after each working day.

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- It is necessary to provide appropriate sanitary conditions for the workers hired for realization of the planned project (The workers will use a bathroom in the existing building)

All workers must be aware of the dangers of fire and firefighting measures and must be trained to deal with fire extinguishers, hydrants and other devices used to extinguish fires that need to be functional.

The noise level should not exceed 55dB during the day and 45dB at night and the construction work will not be performed overnight (construction hours 7.00h till 19.00h).

Identification, classification and separate temporary storage (in separate clearly marked waste bins/containers on separate pre-defined location on site and in sufficient number) of different types of waste that could be generated from construction of addition and renovation of existing accommodation capacity and proper waste treatment. Waste can be transported and processed in legal landfills only by licensed companies.

Mitigation measures described in this section are the general ones, detailed mandatory mitigation measures are provided in the table Mitigation Measures Checklist (Part 3).

8. MONITORING AND REPORTING PROCEDURES AND RESPONSIBILITIES

For the monitoring of Contractor's ESMP Checklist implementation, the site supervisor or responsible person appointed by the Beneficiary (in the case of works that do not require engagement of supervising engineer; site supervisor in the further text) will work with Part 2 and 3 of the ESMP Checklist, i.e. the monitoring plan. Part 2 and 3 is developed in necessary detail, defining clear mitigation measures and monitoring which can be included in the works contracts, which reflect the status of environmental practice on the working site and which can be observed/measured/ quantified/verified by the supervisor during the works.

Part 3 practically reflects key monitoring criteria over provided mitigation measures which can be checked during and after works for compliance assurance and ultimately the Contractor's remuneration.

Such mitigation measures include, but are not limited to, the use of Personal Protective Equipment (PPE) by workers in site, dust generation and prevention, amount of water used and discharged in site, waste water treatment, presence of proper sanitary facilities for workers, waste collection of separate types (wood, metals, plastic, hazardous waste, e.g. glue and paint residues and packaging, lightbulbs), waste quantities, proper organization of disposal pathways and facilities, or reuse and recycling wherever possible. In addition to Part 3, the site supervisor should check whether the contractor complies with the mitigation measures in Part 2. Reporting on implementation of practices should be described in the regular report toward PIU.

An acceptable monitoring report from the contractor or site supervisor would be a condition for full payment of the contractually agreed remuneration, the same as technical quality criteria or quality surveys. **The reporting on ESMP Checklist implementation will be**

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quarterly (if not differently agreed with the PIU). To assure a degree of leverage on the Contractor's environmental performance an appropriate clause will be introduced in the works contracts, specifying penalties in case of noncompliance with the contractual environmental provisions, e.g. in the form of withholding a certain proportion of the payments until the corrective measures are applied and sub-project in compliance, its size depending on the severity of the breach of contract. For extreme cases a termination of the contract shall be contractually tied in.

Implementation of the ESMP Checklist defined measures will be monitored by the supervisor/supervising engineer, the authorized and/or state environmental and communal inspector as well as PIU environmental expert. The implementation of the measures will be followed before commencing work, during the renovation and after its completion.

The applicant (s) is obliged to regularly submit reports on the implementation and monitoring of environmental mitigation measures (ESMP Checklist implementation reports, e.g. in the form of a tabular overview (tables mitigation plan and monitoring plan) with an additional column giving the status of the measures, observations and comments, and Monitoring of the measure (implemented / not implemented, results, observations, comments, concerns, when, etc.).

Part 1: Institutional & Administrative	
Country	R. N. Macedonia
Sub-Project title	Construction of Vip Hotel in Berovo
Scope of sub-project and particular activities	Extension of Vip Hotel Berovo with 11 additional hotel rooms
Institutional arrangements (Name and contacts)	Project management*
	Pance Trajkovski mob 075 245 206
Implementation arrangements (Name and contacts)	Supervision**
	It will be added at later stage
Site Description	
Name of site	Malesevo - Berovo Lake
Describe site location Annex 1: Site information (<i>figures from the site</i>) <input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No	Hotel VIP 1 is located in tourist settlement Berovo Lake near town of Berovo, Municipality of Berovo, N. Macedonia
Who owns the land?	Pance Trajkovski and Velika Trajkovska
Geographic description	Country: Republic of N. Macedonia City: Berovo Municipality: Berovo Coordinates: 41.674621, 22.899851
Legislation	

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<p>Identify national & local legislation & permits that apply to sub-project activity(s)</p>	<ul style="list-style-type: none"> • Law on Construction ("Official Gazette of the Republic of Macedonia" No. 130/09, 124/10, 18/11, 36/11, 54/11, 59/11, 13/12, 144/12, 79/13, 137 / 13, 163/13, 27/14, 28/14, 42/14, 44/15, 129/15 and 39/16) • Law on environment ("Official gazette of the RM" No. 53/05, 51/05, 81/05, 24/07, 159/08, 83/09, 48/10, 124/10, 51/11, 123/12, 93/13, 187/13, 42/14, 44/15, 129/15, 192/15 and 39/16) • Rulebook on the manner of handling municipal and other type of non-hazard waste (Official gazette of RM" No. 147/07); • List of waste ("Official gazette of the RM" No. 100/05); • Law on management of packaging and packaging waste ("Official gazette of the RM" No. 161/09, 17/11, 47/11, 136/11, 6/12, 39/12 and 163/13); • Law on protection against environmental noise ("Official gazette of the RM" No. 79/07, 124/10 and 47/11); • Law on occupational health and safety ("Official gazette of the RM" No 92/07, 136/11, 23/13 and 25/13)
<p>Public Consultation</p>	
<p>Identify when / where the public consultation process took place and what were the remarks from the consulted stakeholders</p>	<p>The procedure for publicly consulting the ESMP Checklist is following: The ESMP Check list has to be published on the LRCP webpage, the Agency for promotion and support of tourism web page and the web page of VIP Hotel (beneficiary) where the project will be realized. The document has to be published and available for the public at least 14 days. Also, the document has to be available in hard copy in the LRCP office and the hotel premises. When it is announced, the call for comments and remarks on the documents should be issued along with the available electronic and postal address for sending the notes. The minutes of meeting from the public consultation (collected comments and questions) contains: basic information about the place of the public consultation, list of participants and short summary of the participants comments, that will be included in the final version of the document.</p>
<p>Institutional Capacity Building</p>	
<p>Will there be any capacity building?</p>	<p><input checked="" type="checkbox"/> No or <input type="checkbox"/> Yes, if Yes, Annex 2 includes the capacity building information</p>
<p>Table 2</p>	

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Part 2: Environmental /Social Screening			
Will the site activity include/involve any of the following?	Activity	Status	Additional references
	A. General requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section A below
	B. Building renovation/adaptation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section A and B below
	C. Construction of addition on existing accommodation facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section A and C below
	D. Hazardous or toxic materials ¹	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section A, and D below
	E. Traffic and Pedestrian Safety	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section A,B and E below
	F. Procurement of chemicals	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section F below

Table 2

¹ Toxic / hazardous material includes and is not limited to asbestos, toxic paints, removal of lead paint, etc.

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Mitigation measures checklist		
Activity	Parameter	Mitigation measures checklist
A. General Requirements	Notification and Worker Safety	<ul style="list-style-type: none"> a) Providing information to local population about the scope and time of commencement and time of duration of construction activities by preparing Notification which will be placed on the municipality notice board and on the municipal web page and through other means, if needed, to ensure the local population is well informed; b) Local construction and environmental/nature protection inspectorates are informed of works before the start; c) All needed permits/opinions/permissions are obtained before the commencement of works (including construction and other); d) All work will be carried out in safe and disciplined manner; e) Workers personal protective clothes and equipment are available in sufficient quantities and are worn/used at all times; f) Workers must be adequately trained, certified and experienced for the work they are performing (e.g. for works in heights); g) Open pits are covered and clearly marked when not worked on; h) Ensure the appropriate marking and informational board of the building site i) Marking out the site for temporal storage of the reconstruction material near the site j) Providing warning tapes, fences and appropriate signage informing danger, key rules and procedures to follow. k) Forbidden entrance of unemployed persons within the warning tapes and fences when/where deem needed. l) The surrounding area near the location should be kept clean m) Machines should be handled only by experienced and appropriately trained personnel, thus reducing the risk of accidents; n) All workers must be familiar with the fire hazards and fire protection measures and must be trained

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Mitigation measures checklist		
		<p>to handle fire extinguishers, hydrants and other devices used for extinguishing fires</p> <ul style="list-style-type: none"> o) Devices, equipment and fire extinguishers should be always functional, so in case of need they could be used rapidly and efficiently. First aid kits should be available on the site and personnel trained to use it. p) Procedures for cases of emergency (including spills, accidents, etc.) are available at the site. q) Sanitary facilities (toilets) must be provided for workers. r) Purchased equipment will be installed and used respecting all safety measures prescribed by the producer of equipment and best practices.
	Chance Findings	<ul style="list-style-type: none"> a) The procedures will follow the national legislation for chance findings b) In the case there would be chance findings works will be stopped and authorized competent authority (Ministry of Culture and regional museum and institute) informed within 24 hours; c) The contractor will further follow competent authorities' instructions and the works will recommenced upon their approval; d) Working area should be located away from the heritage and archeological sites.; e) Adequate care and awareness rising shall be taken to enlighten construction workers on the possible unearthing of archeological relics;
	Air quality	<ul style="list-style-type: none"> a) Construction site, transportation routes and materials handling sites should be water sprayed on dry and windy days. b) Construction materials should be stored in appropriate places covered to minimize dust c) Vehicle loads likely to emit dust must be covered. d) Restriction of the vehicle speed to the reconstruction location. e) Roads are regularly swept and cleaned at critical points. f) Keep the topsoil and stockpiles separate. Protect with sheets/fences in the case of windy weather. g) Locate stockpiles away from drainage lines, natural waterways and places susceptible to land erosion. h) All loads of soil are covered when being taken off the site for disposal. i) Ensure all transportation vehicles and machinery have been equipped with appropriate emission

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Mitigation measures checklist		
		<p>control equipment, regularly maintained and attested.</p> <p>j) Ensure all vehicles and machinery use petrol from official sources (licensed gas stations) and on fuel determined by the machinery and vehicles producer.</p> <p>k) There will be no excessive idling of construction vehicles at sites.</p>
	Noise	<p>a) As it is a residential area (<u>driving through the village to the site</u>) the level of noise should not exceed 55dB during the day and evening and 45dB during the night</p> <p>b) The construction work will not be permitted during the nights, the operations on site shall be restricted from 7.00h to 19.00h (agreed in the permit).</p> <p>c) During the operations the engine covers of generators, air compressors and other powered mechanical equipment should be closed, and equipment placed as far away from residential areas as possible.</p> <p>d) Pumps and other mechanical equipment should be effectively maintained.</p>
	Water and Soil Quality	<p>a) Prevent hazardous spillage coming from waste (temporary waste storage should be leakage protected and those for hazardous or toxic waste equipped with secondary containment system, e.g. double walled or bunded containers).</p> <p>b) If hazardous spillage occurs, curb and remove it, clean the site and follow procedures and measures for hazardous waste management.</p> <p>c) In the case of any run-off coming from works, area possibly contaminated by hazardous substances shall be collected on site to a temporary retention basin and transported to an adequate licensed waste water treatment plant.</p> <p>d) Install/provide and maintain of proper sanitary facilities for workers. The wastewater from these sources should be transported to proper waste water treatment facilities.</p> <p>e) Prevent hazardous spillage coming from tanks (mandatory secondary containment system, e.g. double walled or bunded containers), construction equipment and vehicles (regular maintenance and checkups of oil and gas tanks, machinery and vehicles can be parked (manipulated) only on asphalted or concrete surfaces with surface runoff water collecting system.</p> <p>f) Working site run-offs with possible charge with suspended matter should be filtered before spillage</p>

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Mitigation measures checklist		
		<p>to natural flows.</p> <p>g) Water, and other components, in concrete mixture shall be clean and free of harmful chemicals.</p>
	Waste management	<p>The good waste management practice will be applied including:</p> <p>a) Identification of the different waste types that could be generated at the building/renovation site and its classification according to Law on Waste)</p> <p>b) Containers for each identified waste category are provided in sufficient quantities and positioned conveniently.</p> <p>c) Waste collection and disposal pathways and licensed landfills/processing plants will be identified for all major waste types expected from demolition and construction activities. For management of hazardous wastes, instructions/guidelines from Ministry of Environmental Protection and Physical Planning will be sought and followed.</p> <p>d) Mineral (natural) construction and demolition wastes will be separated from general refuse, organic, liquid and chemical wastes by on-site sorting and temporarily stored in appropriate containers. Depending of its origin and content, mineral waste will be reapplied to its original location or reused.</p> <p>e) All construction waste will be collected and disposed properly by licensed collectors and to the licensed landfills (or licensing processing plant).</p> <p>f) The records of waste disposal will be regularly updated and kept as proof for proper management, as designed.</p> <p>g) Whenever feasible the contractor will reuse and recycle appropriate and viable materials. Discarding any kind of waste (including organic waste) or waste water to the surrounding nature or water-bodies is strictly forbidden.</p> <p>h) Collect, transport and final disposal/processing of the communal waste by a licensed company;</p> <p>i) The construction waste should be promptly removed from the site and re-used if possible;</p>

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Mitigation measures checklist		
		<p>j) The incineration of all waste at site or unlicensed plants and locations is prohibited.</p> <p>k) Existing air-conditioning units are not to be refilled or emptied. If discarded, must be handled by specialized licensed companies.</p> <p>l) Identification of different types of waste in the construction site (soil, sands, bottles, food, parts of pipes, paper, crushed concrete, etc.);</p> <p>m) The potentially hazardous waste (engine oils, fuel for a vehicle) should be collected separately and an agreement should be made with a subcontractor who will have authorization to collect and transport (and temporarily stored, if applicable) the hazardous waste. Hazardous waste will be processed or disposed only to processing plants/landfills with valid licenses;</p>
	Safety of traffic	<p>a) Traffic regulation plan is prepared and implemented in coordination with Municipality and competent authority (traffic police);</p> <p>b) Traffic will be regulated in the safe manner. Safety of pedestrians will be ensured by use of safe-passages.</p> <p>c) Safety and regulation notification, signage and signage will be used appropriately.</p>
B. Building Renovation	Materials management	<p>a) No new materials containing asbestos or lead-based paint will be used.</p>
	Community Safety	<p>a) Ensure safety of building users e.g. provide safe passages and protection from falling objects.</p> <p>b) Timely inform users of premises and neighboring communities of upcoming works.</p> <p>c) In the case the traffic will be interrupted, organize alternative ruts in cooperation with the Municipality.</p>
C. Construction of addition on existing accommodation facility	Materials management	<p>a) No new materials containing asbestos or lead-based paint will be used.</p> <p>b) Coarse aggregate in concrete applied and used in rehabilitation need to conform to durability and gradation requirements. The aggregate must be virgin (not used previously) and preferably locally produced.</p>

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Mitigation measures checklist		
		c) Mineral resources (aggregate, sand, gravel, etc.) are procured only from licensed companies with valid concessions for extraction/exploitation. The companies can prove H&S measures and environmental management is in place.
	Soil erosion	<p>a) Vehicles and machinery can be parked only at designated areas with impermeable surface with a collection and treatment system (oil and grease separator),</p> <p>b) Protection of sediments spread by fences and barriers.</p> <p>c) Strip soil only as necessary and store/replace reuse post construction.</p> <p>d) Use of antifreeze and/or accelerator compounds is not allowed.</p> <p>e) Protect and restore non-construction areas. Design slopes and retaining structures to minimize risk, provide appropriate drainage and vegetation cover.</p> <p>f) Carry out surface drainage works to divert the rainwater that would erode the soil.</p> <p>g) Apply storm water management to minimize erosion and offsite sediment delivery to receiving waters.</p> <p>h) Parking site has to be respected following the defined place.</p>
	Community Safety	<p>a) Ensure safety of building users e.g. provide safe passages and protection from falling objects.</p> <p>b) Timely inform users of premises and neighboring communities of upcoming works.</p> <p>i) In the case the traffic will be interrupted, organize alternative ruts in cooperation with the Municipality.</p>
D. Hazardous materials	Asbestos waste management and waste lighting rods	<p>(a) If asbestos is found on the site, environmental inspection and other competent authorities (e.g. MoEPP) will be notified and instruction requested. The asbestos must be removed or properly encapsulated/bind.</p> <p>(b) Asbestos will be removed, managed, transported and disposed in line with the national regulation and best practices (breakage prevented, water sprayed against dusting, waste asbestos packed in hermetically closed packages, temporary storage in closed facilities, properly marked in all three languages, etc.).</p> <p>(c) Workers handling asbestos will wear protective clothes, adequate respirators/masks (depending on a type of asbestos).</p> <p>(d) Only licensed companies for managing asbestos can be engaged on these works.</p> <p>(e) Removed asbestos cannot be reused.</p> <p>(f) In the case radioactive rods were identified on the site, a company licensed for its removal will be engaged.</p>
	Toxic and hazardous solids and liquids	<p>a) Ensure proper handling of lubricants, fuel and solvents by secured storage and following MSDS.</p> <p>b) Temporarily storage on site of all hazardous or toxic substances will be in safe containers labeled</p>

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Mitigation measures checklist		
	management (including waste)	<p>with details of composition, properties and handling information.</p> <ul style="list-style-type: none"> c) All hazardous substances should be kept in a leak-proof container to prevent spillage and leaking. This container should have a secondary containment system, e.g. double walls, or similar. Secondary containment system must be free of cracks, able to contain the spill, and be emptied quickly. d) The containers with hazardous substances must be kept closed, except when adding or removing materials/waste. They must not be handled, opened, or stored in a manner that may cause them to leak. e) The containers holding ignitable, hazardous or reactive wastes must be located at least 15 meters from the facility's property line and at least 30 meters from the water line. f) Hazardous waste will be collected, transported and disposed by a licensed company contracted by the Contractor of works. The wastes are transported by specially licensed carriers and disposed in a licensed facility. Containers for all types of envisaged (and occurring) hazardous wastes on the site have to be available and properly marked (name and assigned waste key-code). g) No lead paint, asbestos or other materials hazardous to human health will be used.
E. Procurement of chemicals	Improper or lack of proper management could increase the environmental and occupational safety risks and health risks to all citizens	<ul style="list-style-type: none"> a) Chemicals are managed, handled and stored in accordance to Materials Safety Data Sheet (MSDS) b) Chemicals are purchased from authorized dealer c) Chemicals are managed and handled only by authorized and adequately trained and experienced personal/staff.

Table 3. Mitigation measures checklist

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Part 3: Monitoring plan							
Phase	What <i>(Parameter will be monitored?)</i>	Where <i>(Is the parameter to be monitored?)</i>	How <i>(Is the parameter to be monitored?)</i>	When <i>(Define the frequency / or continuity?)</i>	Why <i>(Is the parameter being monitored?)</i>	Cost <i>(If not included in project budget)</i>	Who <i>(Is responsible for monitoring?)</i>
During activity preparation	All required permits are obtained before works start.	At the city administration	Inspection of all required documents	Before works start	To ensure the legal aspects of the rehabilitation activities	/	Contractor; Supervisor of the construction works; Construction inspector, LRCP PIU
	Public and relevant institutions are notified	Contractor's premises	Inspection of all necessary documents	Before works start	To ensure public awareness	/	Contractor; Supervisor of the construction works;
	Safety measures for workers, employees and visitors	On site	Visual checks and reporting	Before works start	To prevent health and safety risks – mechanical injures and to provide safe access and mobility	/	Contractor, Supervisor
During activity implementation	Safe traffic flow	On site	Visual checks and reporting	During equipment delivery	To ensure coordinated traffic flow	/	Contractor, Supervisor
	Work safety	On site	Visual checks and reporting Unannounced inspections during work	Unannounced controls during work	To prevent health and safety risks – mechanical injures and to provide safe access and mobility	/	Supervisor
	Site is well organized: fences, warnings, sign postage in place.	On site	Inspection	Unannounced controls during work	To prevent accidents /	/	Contractor, Supervisor

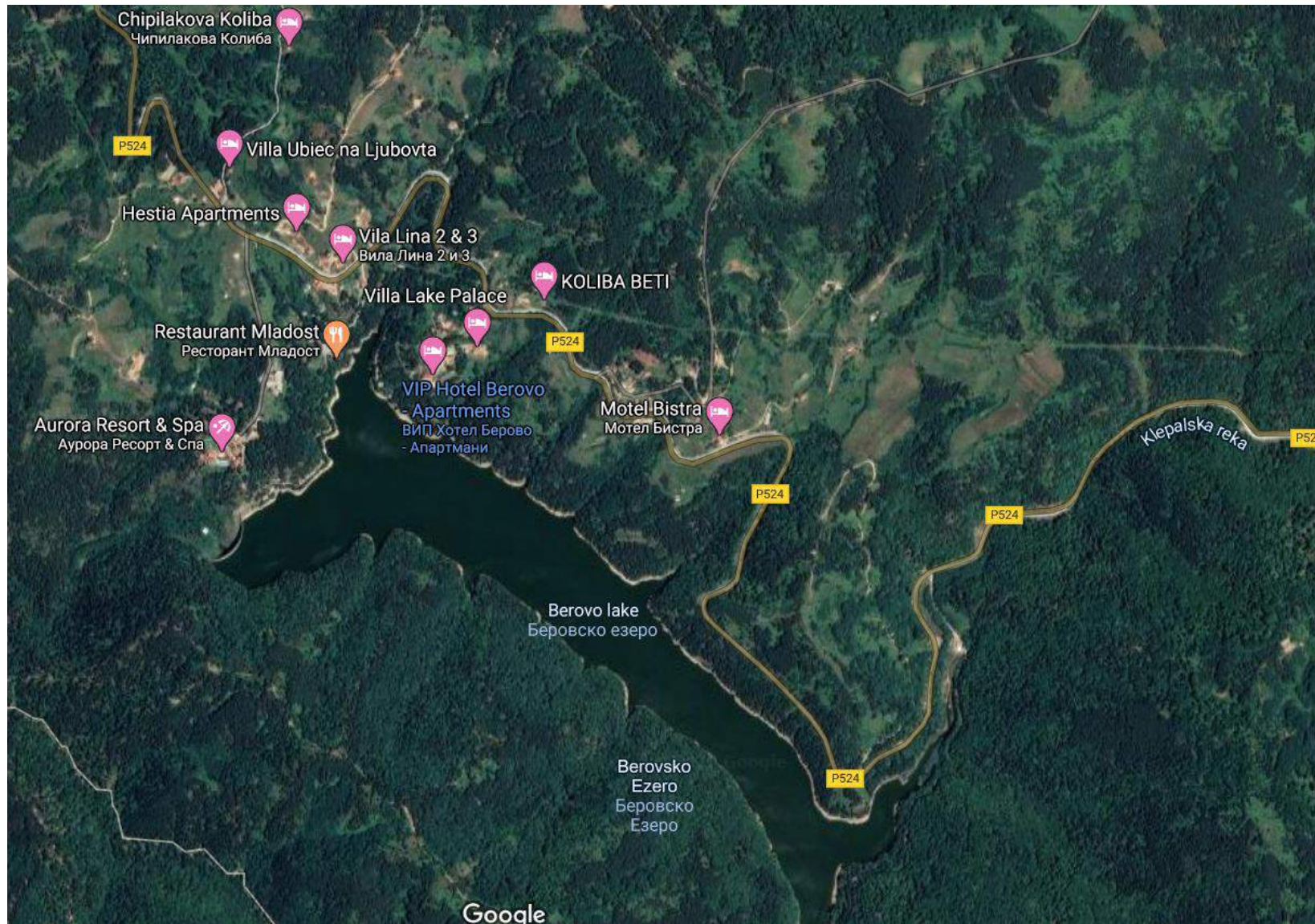
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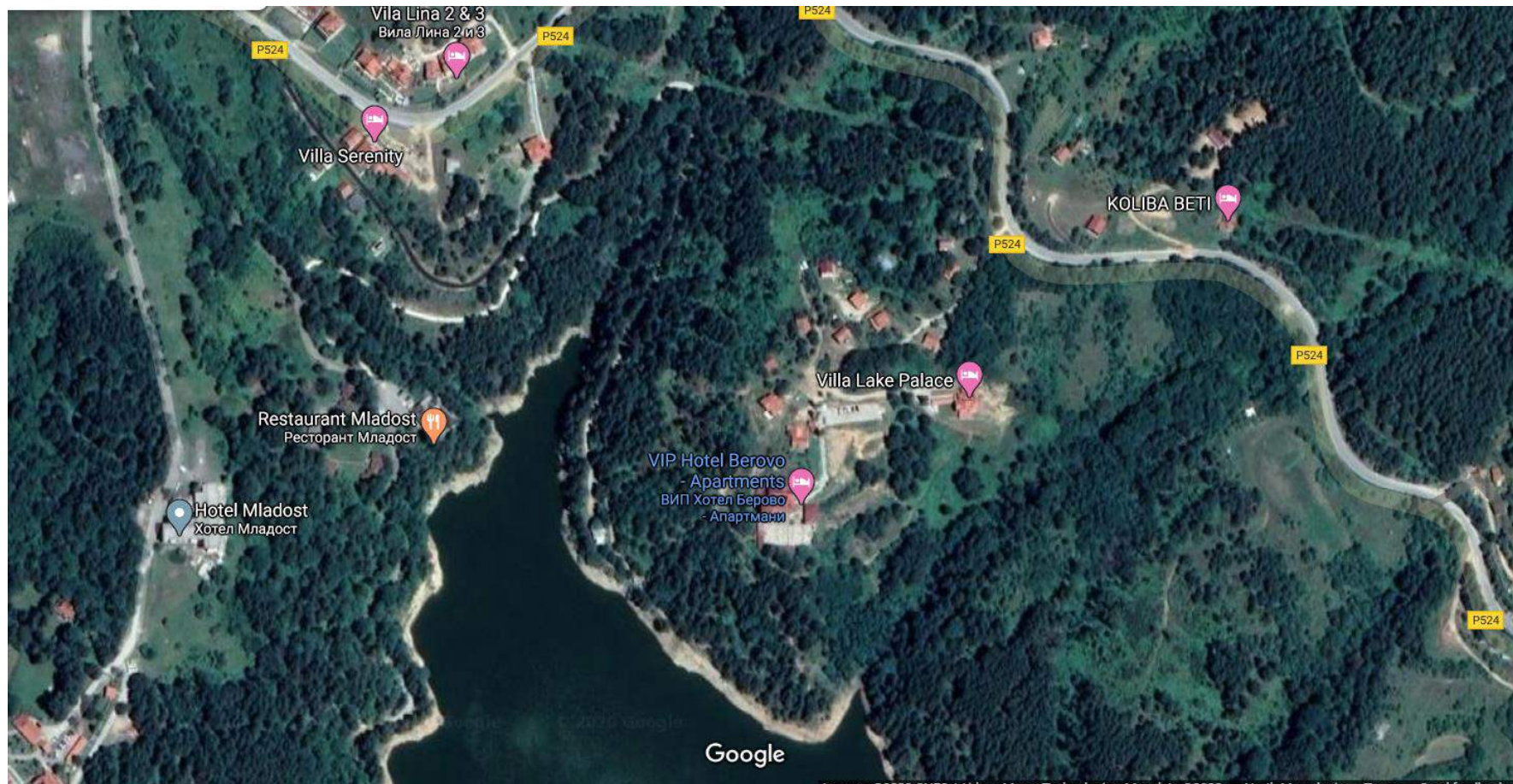
Part 3: Monitoring plan							
Phase	What <i>(Parameter will be monitored?)</i>	Where <i>(Is the parameter to be monitored?)</i>	How <i>(Is the parameter to be monitored?)</i>	When <i>(Define the frequency / or continuity?)</i>	Why <i>(Is the parameter being monitored?)</i>	Cost <i>(If not included in project budget)</i>	Who <i>(Is responsible for monitoring?)</i>
	Collection, transport and hazardous waste (if any)	At the safe temporary location on construction site in separate waste containers	Inspection of the transport lists and the conditions of the storage space	Before the transportation of the hazardous waste (if any)	To improve the waste management at local and national level/ Hazardous waste do not be dispose to any landfill	/	Authorized company for collecting and transportation of hazardous waste (if any), Authorized environmental inspector, Construction inspector, LRCP EE
	Collection, transport and final disposal of the solid waste	At and around the site	Visual monitoring and inspection of the transport lists of the contractor	Daily level after the collection and transportation of the solid waste	Do not leave the solid waste on the construction site and to avoid negative impact to the local environment and the local inhabitants health	/	Contractor; Supervisor of the construction works; Authorized environmental inspector, Construction inspector, LRCP EE
	Air pollution parameters of dust, particulate matter	At and around the site	Sampling by authorized agency	Upon complaint or negative inspection finding	To ensure no excessive emission during works	/	Supervisor
	Level of noise and vibration	At and around the site	Monitoring on the level of noise dB (with suitable equipment)	Upon complaint or inspection finding	To determine whether the level of noise is above or below the permissible level of noise	/	Contractor; Accredited company for measuring the level of provided by the contractor; Authorized

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Part 3: Monitoring plan							
Phase	What <i>(Parameter will be monitored?)</i>	Where <i>(Is the parameter to be monitored?)</i>	How <i>(Is the parameter to be monitored?)</i>	When <i>(Define the frequency / or continuity?)</i>	Why <i>(Is the parameter being monitored?)</i>	Cost <i>(If not included in project budget)</i>	Who <i>(Is responsible for monitoring?)</i>
							environmental inspector, Construction inspector, LRCP EE
During Operation phase	Waste management	At and around the site	Waste is properly collected, sorted and stored	Daily	To prevent accumulation of waste	Variable and not included in the project budgeted	Authorised waste collection company
Table 4							

Annex 1. Macro and micro location of the subproject





Врз основа на член 24 став 5 и 7 од Законот за животна средина (Службен весник на РМ бр. 53/05, 81/05, 24/07, 159/08, 83/09, 48/10, 124/10, 51/11, 123/12, 93/13, 187/13, 42/14, 44/15, 129/15, 192/15, 39/16, 99/18) и Уредбата за дејности и активности за кои задолжително се изработува елаборат, а за чие одобрување е надлежен градоначалникот на општината, (Сл. Весник на Р.М. бр. 32/2012), постапувајќи по барањето од д-т-п-т-у „ВИПТУРС 1“ дооел Скопје, подружница „Одмаралиште ВИП Берово“ - Берово бр. 22-991/1 од 09.03.2020 год. Градоначалникот на Општина Берово го издава следното :

РЕШЕНИЕ

за одобрување на елаборат за заштита на животна средина

1. Со ова Решение се одобрува Елаборатот за заштита на животна средина со арх. број 41-02/20 од 27.02.2020 год. изработен од страна ЕНВИРО РЕСУРСИ ДОО СКОПЈЕ за Доградба на АПАРТ-ХОТЕЛ ВИП БЕРОВО Општина Берово на д-т-п-т-у „ВИПТУРС 1“ дооел Скопје, подружница „Одмаралиште ВИП Берово“ за дејноста - Хотели и слични објекти за сместување (хотелски населби, апартмански хотели и мотели) со предвидени помалку од 100 легла.
2. Од доставената документација и елаборатот за заштита на животна средина, констатирино е дека вршењето на дејноста Хотели и слични објекти за сместување (хотелски населби, апартмански хотели и мотели) со предвидени помалку од 100 легла - ДОГРАДБА НА АПАРТ-ХОТЕЛ ВИП - БЕРОВО нема значително влијание врз животната средина.
3. Инвеститорот се задолжува целосно и без исклучоци да се придржува кон пропишаните режими и мерки за заштита предвидени во Елаборатот за заштита на животната средина, како и кон дополнителни решенија доколку при изведбата и функционирањето се покаже потреба од зголемен обем и вид на превенција.
4. Ова решение влегува во сила со денот на донесувањето.

Образложение

Од страна на Правното лице дтпту „ВИПТУРС 1“ довел Скопје, подружница „Одмаралиште ВИП Берово“ до општина Берово беше доставено барање за одобрување на елаборат за заштита на животна средина бр. 22-991/1 од 09.03.2020 год. за вршење дејност **Хотели и слични објекти за сместување (хотелски населби, апартмански хотели и мотели) со предвидени помалку од 100 легла – ДОГРАДБА НА АПАРТ-ХОТЕЛ ВИП – БЕРОВО.**

По разгледување и проценка на опишаната дејност во потполниот елаборатот, од страна на општина Берово се констатира дека елаборатот е изработен согласно Правилникот за формата и содржината на елаборатот за заштита на животната средина, постапката за нивно одобрување, како и начинот за водење на регистарот за одобрени елаборати (Сл.весник на РМ бр.44/2013 и 111/2014) и е составен од текстуален дел и графички прилози.

Анализирани се сите неопходни компоненти, изворите и видовите на можни загадувања и деградации, и на база на ова се дефинирани и мерките за заштита на основните медиуми. Според наша оценка, проектираните заштитни мерки се апликативни и во целост ќе ги задоволат основните барања.

Упатство на правно средство: против ова Решение барателот може да изјави жалба во рок од 15 (петнаесет) дена од денот на приемот на ова решение - до Државната комисија за одлучување во управна постапка и постапка во работен однос во втор степен.

Таксата по тарифа бр. 47 согласно член 4 од Законот за изменување и дополнување на Законот за административни такси (Службен весник на РМ бр.06/2010) во износ од 600,00 ден. е наплатена и приложена.

Бр. 22-991/2
Од 13.03.2020 год.

Изработил:
Васко Буровски
Соработник за заштита
на животна средина

Контролирал:
Ванчо Димовски
Раководител

Општина Берово
Градоначалник
Звонко Пекевски