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**Albania Health System Improvement Project
(P144688)**

Reconstruction of Pediatric Hospital

EMP CHECKLIST

JUNE 2014

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A) GENERAL PROJECT AND SITE INFORMATION

| INSTITUTIONAL & ADMINISTRATIVE | | | | |
|--|--|---|--|------------|
| Country | Albania | | | |
| Project title | Albania Health System Improvement Project Reconstruction of Pediatric Hospital in T.U.H.C | | | |
| Scope of project and activity | the works will be carried out within an existing building and will not go beyond the existing footprint. The works will include minor and major rehabilitation, within the Pediatric Hospital. | | | |
| Institutional arrangements (Name and contacts) | WB (Project Team Leader) Lorena Kostallari | Project Management Ministry of Health | Local Counterpart and/or Recipient Ministry of Health T.U.H.C | |
| Implementation arrangements (Name and contacts) | Safeguard Supervision Esma Kreso | Local Counterpart Supervision Ministry of Health PIU | Local Inspectorate Supervision | Contractor |
| SITE DESCRIPTION | | | | |
| Name of site | Pediatric Hospital | | | |
| Describe site location | Tirana University Hospital Center "Mother Tereza" is situated in the north-east of Tirana and occupies an area of 165.000m ² . In relation to connections and cadastral areas, UHC is bordered by the road "Bardhyl" in the West, by road of "Dibra" in the north, by the road of "The Monastery Congress" in the south, and the school "Eqerem Cabej" from east as well as various residential buildings. This complex is characterized by 1-6 storey construction and is composed of 12 hospital buildings. | | Attachment 1: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| Who owns the land? | UHC is state property. 8130 Cadastral Zone | | | |
| Description of geographic, physical, biological, geological, hydrographic and socio-economic context | The hospital building is already existing structure and has been built in 1980. The building has been used as a hospital since then. The project floors need to be renovated in order to increase quality of service. Pediatric Hospital is bounded by: Telemedicine, Faculty of Nursing, Legal Medicine and the "Congress of Monastir" road. | | | |
| Locations and distance for material sourcing, especially aggregates, water, stones? | The hospital has a connection to the water supply and sewage collection of the city of Tirana. The construction works will not entail supply of materials which are obtained from quarries or are mined, and will be purchased. Deposition of solid waste will be done in places defined and approved by the | | | |

| | |
|--|---|
| | Municipality of Tirana, when the permission for the reconstruction of the object will be given. |
| LEGISLATION | |
| Identify national & local legislation & permits that apply to project activity | According to the new legislation of Urban Planning, part of the documentation for construction licenses and permission is environmental assessment and environmental impact of the project by licensed experts. All necessary permits will be obtained by the Client prior to start of works. |
| PUBLIC CONSULTATION | |
| Identify when / where the public consultation process took place | The Checklist EMP together with the notice for works has been placed on the bulletin board of the Hospital and will be re-posted prior to start of works, and notification to all immediate neighbors will be made, prior to any works on the Hospital. |
| INSTITUTIONAL CAPACITY BUILDING | |
| Will there be any capacity building? | <input checked="" type="checkbox"/> N or <input type="checkbox"/> Y if Yes, Attachment 2 includes the capacity building program |

B) SAFEGUARDS INFORMATION

| ENVIRONMENTAL /SOCIAL SCREENING | | | |
|---|--|---|----------------------------|
| | Activity | Status | Triggered Actions |
| Will the site activity include/involve any of the following?? | A. <u>Building rehabilitation</u> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <u>See Section A below</u> |
| | B. <u>Minor new construction</u> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <u>See Section A below</u> |
| | 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 type="checkbox"/> Yes <input checked="" 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.

C) MITIGATION MEASURES

| ACTIVITY | PARAMETER | MITIGATION MEASURES CHECKLIST |
|--|--------------------------------|---|
| 0. 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) 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. (g) Employers engagement (h) Correct procedures for design and security (i) Regular elimination of wastes |
| A. General Rehabilitation and/or Construction Activities | Air Quality | <ul style="list-style-type: none"> (a) During interior demolition (pneumatic drilling/wall destruction) process dust shall be suppressed by ongoing water spraying and or installing dust screen enclosures at site. (b) Keep demolition debris in controlled area and spray with water mist to reduce debris dust. (c) The surrounding environment shall be kept free of garbage and solid waste (clay) to minimize dust. (d) There will be no open burning of construction / waste material at the site (e) There will be no excessive idling of construction vehicles at sites |
| | Acoustic environment | <ul style="list-style-type: none"> (a) Construction noise will be limited to restricted times agreed to in the permit (b) Use of adequate methods and equipment for construction in inhabitant area. (c) During 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 |
| | 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 water runoffs. |
| | 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 construction activities. (b) Solid waste will be collected and disposed properly in accordance with Environmental Legislation of RA (c) The records of waste disposal will be maintained as proof for proper management as designed. (d) Whenever feasible the contractor will reuse and recycle appropriate and viable materials (except asbestos) |
| B. Wastewater treatment system | Water Quality | <ul style="list-style-type: none"> (a) The approach to handling sanitary wastes and wastewater from building sites (installation or reconstruction) must be approved by the local authorities (b) Before being discharged into receiving waters, effluents from individual wastewater systems must be treated in order to meet the minimal quality criteria set out by national guidelines on effluent quality and wastewater treatment. (c) Site vehicles and machinery will be washed only in designated areas where runoff will not pollute natural surface water bodies. |
| C. Historic building(s) | Cultural Heritage | <ul style="list-style-type: none"> (a) If the building is a designated historic structure, very close to such a structure, or located in a designated historic district, notification shall be made and approvals/permits be obtained from local authorities and all construction activities planned and carried out in line with local and national legislation. (b) It shall be ensured that provisions are put in place so that artifacts or other possible "chance finds" encountered in excavation or construction are noted and registered, responsible officials contacted, and works activities delayed or modified to account for such finds. |

| ACTIVITY | PARAMETER | MITIGATION MEASURES CHECKLIST |
|--|---|---|
| D. Acquisition of land | Land Acquisition Plan/Framework | (a) If expropriation of land was not expected but is required, or if loss of access to income of legal or illegal users of land was not expected but may occur, that the Bank's Task Team Leader shall be immediately consulted. (b) The approved Land Acquisition Plan/Framework (if required by the project) will be implemented |
| E. Toxic Materials | Asbestos management ct | (a) If asbestos is located on the project site, it shall be marked clearly as hazardous material (b) When possible the asbestos will be appropriately contained and sealed to minimize exposure (c) The asbestos prior to removal (if removal is necessary) will be treated with a wetting agent to minimize asbestos dust (d) Asbestos will be handled and disposed by skilled & experienced professionals (e) If asbestos material is be stored temporarily, the wastes should be securely enclosed inside closed containments and marked appropriately. Security measures will be taken against unauthorized removal from the site. (f) The removed asbestos will not be reused |
| | Toxic / hazardous waste management | (a) Temporarily storage on site of all hazardous or toxic substances will be in safe containers labeled with details of composition, properties and handling information (b) The containers of hazardous substances shall be placed in an leak-proof container to prevent spillage and leaching (c) The wastes shall be transported by specially licensed carriers and disposed in a licensed facility. (d) Paints with toxic ingredients or solvents or lead-based paints will not be used |
| F. Affected forests, wetlands and/or protected areas | Protection | (a) All recognized natural habitats, and protected areas in the immediate vicinity of the activity will not be damaged or exploited, all staff will be strictly prohibited from hunting, foraging, logging or other damaging activities. (b) Adjacent wetlands and streams shall be protected from construction site run-off with appropriate erosion and sediment control feature to include by not limited to hay bales and silt fences (c) There will be no unlicensed borrow pits, quarries or waste dumps in adjacent areas, especially not in protected areas. |
| G. Disposal of medical waste | Infrastructure for medical waste management | (a) In compliance with national regulations the contractor will insure that newly constructed and/or rehabilitated health care facilities include sufficient infrastructure for medical waste handling and disposal; this includes and not limited to: <ul style="list-style-type: none"> ▪ Special facilities for segregated healthcare waste (including soiled instruments “sharps”, and human tissue or fluids) from other waste disposal; and ▪ Appropriate storage facilities for medical waste are in place; and ▪ If the activity includes facility-based treatment, appropriate disposal options are in place and operational |
| H Traffic and Pedestrian Safety | Direct or indirect hazards to public traffic and pedestrians by construction activities | (b) 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. |
| I. Site Investigation Works Execution | Protection of natural environment and biodiversity | (a) Minimizing staff presence and vehicle traffic, (b) Sticking to existing roads and tracks as much as possible, (c) Taking out all waste after completion of the assignment (d) Executing safety routing for staff and by-passers, securing work areas and restricting access during hazardous activities (e.g. during use of explosives for seismic investigations) |

D) ENVIRONMENTAL MONITORING PLAN

| Phase | 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?) | Cost (if not included in project budget) | Who (Is responsible for monitoring?) |
|---------------------------------------|--|---|--|--|---|--|--|
| During activity preparation | site access management availability of waste disposal facilities notification and access agreement with employees | job site | check if design and project planning foresee diligent procedures | At start of contract | safety of general public, timely detection of waste disposal bottlenecks | marginal, within budget | Contractor, PIU |
| During activity implementation | (a) Construction debris (including contaminated soils) (b) Solid waste wastewater handling treatment of natural environment safety of personnel and passers-by | (a) At authorized/ licensed tips (b) At authorized/ licensed preferably sanitary landfills job site | a) Supervision Consultant (b) Supervision Consultant visual / analytical if in doubt visual | (a) At time of disposal (b) At time of disposal daily / continuous | (a) Ensure correct disposal of waste and hazardous materials (b) Ensure prevention of soil, water and nature pollution through improper waste disposal public and workplace health and safety ensuring protection of natural environment | marginal, within budget; | Contractor, PIU |
| During activity supervision | complete waste removal and orderly disposal | close to potential impacted residents | visual and by consultation with local land users and land owners | after completion of works until final compliance is achieved | avoidance of negative impacts of natural environment avoiding scarred landscape, ensuring protection of vegetation, soil conservation and biodiversity protection | marginal, within budget | Contractor, PIU |