



**UNOPS**

**EU4CULTURE: Revitalizing Albania's cultural heritage in  
response to the 2019 Albania**

**Restoration and Conservation of the Mosaic Facade of the  
National Historical Museum at Albania - Tirana**

**Annex E. Part I- Technical Specifications**

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## 1. GENERAL NOTES

**Note 1:** All material supplied as well as all activities and works performed in the building shall comply with, match and follow EU Standards and Norms in force.

**Note 2:** The figures and data (thickness, dimensions, diameters, width, length etc.), as well as the materials mentioned in this document are to be considered by the Contractor as minimum standards. Fixing materials and appurtenance shall be of the same or better quality than described and of the same minimum dimensions. Samples or detailed technical specifications of the proposed materials, goods, equipment, fittings and devices that the Contractor intends to provide and fix have to be submitted to the UNOPS Project Engineer for a previous approval.

**Note 3:** All tools needed to perform the work must be provided by the contractor at his own expense.

**Note 4:** Materials used and fittings installed without the UNOPS Project Engineer approval shall be immediately removed.

**Note 5:** Brand names, address information, telephone and fax numbers of any manufacturer or supplier of devices, fittings and goods provided and installed into the building shall be transferred to the UNOPS Project Engineer together with the respective certificates of origin and the operating and maintenance manuals.

**Note 6:** The contractor shall submit sample of all materials necessary for the execution of the Works. All materials are required to comply with ISO standards and the Supplier shall submit to UNOPS Project Engineer Affidavits of Compliance furnished by manufacturers of the materials indications conformance to the applicable requirements of the standards and that all tests specified therein have been performed and all test requirements have been met. Unless specified otherwise, the latest edition of any Nominated Standards shall apply. In cases where no particular specification is given for any article or material to be used under the Contract, the appropriate ISO Standards of their approved equivalent shall apply.

Unless otherwise specified, whenever in the specifications samples are required, the Contractor shall submit not less than three (3) samples of each such item or material to UNOPS Project Engineer for approval at no additional cost to UNOPS.

Samples, as required herein, shall be submitted for approval a minimum of fourteen (14) working days prior to ordering such material for delivery to the job site, and shall be submitted in an orderly sequence so that dependent materials or equipment can be assembled and reviewed without causing delays in the work. All samples shall be individually and indelibly labelled or tagged, indicating thereon all specified physical characteristics and manufacturer's names for identification and submittal to UNOPS Project Engineer for approval. Upon receiving approval from UNOPS Project Engineer, one set of the samples will be stamped and dated by the UNOPS Project Engineer and returned to the Contractor for safe keeping at the site office until completion of the Work. Unless otherwise specified, all colors and textures of specified items will be selected by the UNOPS Project Engineer from the manufacturer's standard colors and standard product lines.

**Note 7:** Any or all of the materials supplied by the Contractor for use in any of the Works shall be subject in advance to such tests as may be specified in the relevant Standard, the specifications or as may from time to time be deemed necessary by the UNOPS Project Engineer.

All tests of materials and works shall be undertaken on Contractor's expense, as described below in the Technical Specification or as required by UNOPS Project Engineer, by contracting a specialized, licensed laboratory or institute under the presence of the UNOPS Project Engineer either at the construction site or in laboratory/ institute environment. All test reports shall be submitted to the UNOPS Project Engineer for comparison and approval prior to starting a next phase of works.

Where the methods of test are not specified in the standards, or if there are options in the relevant standards, the Contractor shall submit to the UNOPS Project Engineer for approval the methods by which he proposes to conduct these tests.

**Note 8:** Before any part of the construction phase can be closed, filled or covered the contractor is obliged to inform the UNOPS Project Engineer. A position can be closed, filled or covered only after the UNOPS Project Engineer's approval.

**Note 9:** The explanations described below in the technical specification must be strictly followed but not limited to ensure a high construction works performance.

**Note 10:** The below technical specifications describe shortly all steps of the material producing process and its further composition to avoid any misunderstanding or mixing up of construction elements with similar or approximate properties.

**Note 11:** It is the responsibility of the Contractor to fully respect the applicable local (Albanian) Laws concerning Health and Safety at works for his workers and third parties too.

**Note 12:** It is the responsibility of the Contractor to fully respect the applicable local (Albanian) Laws concerning observance of daily and weekly Working hours for his workers.

**Note 13:** At the beginning of the works Contractor should provide the Programme of Works for all positions from BoQ according to Schedules and Milestones given on Bidding Preliminary Programme of Works. Contractor is obliged to provide a Weekly Programme of Works to the UNOPS Project Engineer at least 3-days before starting the next week.

**Note 14:** No interruption in the normal works of the current users of facilities and operations as well as Traffic flow is allowed during the whole period of Contract Performance.

## 2. TECHNICAL SPECIFICATIONS

### 1. MOBILIZATION PREPARATION & WORKS / ACTIVITIES

#### 1. 4.1 PRE-CONSTRUCTION WORK

The UNOPS Representative and Contractor will carry out a joint condition-in survey using video or digital photographs to record the condition of the site upon handover to the Contractor. This will determine the state of the site that the Contractor must hand back upon completion of the works.

The Contractor will carry out a detailed site set out survey for the works.

A Pre-Construction Meeting will be held between the UNOPS Representative and the Contractor to review the following but not limited information:

- Condition-in Survey;
- Site Survey;
- Works Method Statements;
- Detailed Work Program;
- Schedule of Materials and Installed Equipment.

If the UNOPS Representative approves the above documentation, then the Contractor will be issued with the Notice to Proceed. If the documentation is incomplete, the Contractor will have 3 calendar days to revise and resubmit the documentation for approval.

#### 4.1.1 The contract period begins on the day the Notice to Proceed is issued

The Contractor must mobilize on the project site within 7 calendar days of the date of issue of the Notice to Proceed.

#### 4.1.2 Site Restrictions

Site security limitations: Comply with any restrictions on site area, access or working times advised by the UNOPS Representative.

Working Phases; Provide to UNOPS representatives the Work Methodology working in the Phases in order to comply with UNOPS expectation to ensure 100% of normal work and normal occupancy work during all time of Contract Performance.

If not shown on the drawings, give details of easements, restrictions arising out of the actions of adjoining land owners, limitations related to continued occupancy by the owner, toxic ground conditions and the like, including maximum noise levels and hours of work not covered by local authority conditions (dealt with under **Miscellaneous**, below). See also the *Commentary*.

**Access:** Access on to and within the site, use of the site for temporary works and constructional plant, including working and storage areas, location of offices, workshops, sheds, roads and parking, is restricted to the areas shown on the approved drawings or as agreed with the UNOPS Representative.

Occupied areas of site or buildings

-Refer also to clauses of the selected contract on possession of and access to the site.

- Allow occupants to continue using the area for the required period.
- Make available safe access for occupants.
- Arrange work to minimize nuisance to occupants and ensure their safety.
- Protect occupants against weather, dust, dirt, water or other nuisance, by such means as temporary screens.

Protection of persons and property

**Temporary works:** Provide and maintain required barricades, temporary structures, guards, fencing, shoring, temporary roadways, footpaths, signs, lighting and traffic flagging.

Edit to complement local authority requirements scheduled under **Miscellaneous**, below. This paragraph should describe the owner's requirements only. The responsibility for these items is usually the contractor's.

**Access ways, services:** Do not obstruct or damage existing walls, floors, roadways and footpaths, drains and watercourses and other existing services in use on or adjacent to the site. Determine the location of such services. If damage occurs, immediately repair it at the Contractors cost.

Delete if noted in the Authority conditions schedule.

Property: Do not damage property which is to remain on or adjacent to the site, including adjoining property encroaching onto the site. If damage occurs, immediately repair it at the Contractors cost.

#### **4.1.3 Existing Services**

The Contractor shall consult all relevant authorities and owners of services before commencing any excavations and shall satisfy himself as to the exact position of existing services which affect or may be affected by the Works. If any service is found to exist, but is not as indicated in the Contract, then the Contractor shall at once give written notification to the UNOPS Project Engineer. The Contractor shall record the position of all located existing services on the general arrangement drawings a copy of which shall be made available by the Contractor to the UNOPS Project Engineer.

The Contractor shall execute the Works in such a manner that he does not damage or interfere with existing services on or near the Site. If damage or interference is so caused the Contractor shall make his own arrangements, to the approval of the UNOPS Project Engineer and the relevant authority, to execute the repairs at his own cost.

It shall be the Contractor's responsibility to ensure proper back-filling, appropriate to the section of the site, of any excavation made in the work area by any utility company, necessitated by the Contractor's operations.

The Contractor shall make his own arrangements for any diversion or removal of services, which he may require for his own convenience or method of working, and shall obtain the prior approval of the UNOPS Project Engineer to such arrangements. Every gang employed by the Contractor shall possess a serviceable detector for locating buried pipes and cables and at least one gang member shall be competent in its use.

Each detector shall be operated in accordance with the manufacturer's instructions prior to and during each and every excavation, to assist in the identification of all cable and pipe positions.

Where work is being carried out in the vicinity of overhead power lines, the D&B Contractor is responsible for ensuring that all persons working in such areas are aware of the relatively distance that high voltage electricity can short to earth when cranes, on other large masses of steel, are the vicinity of power lines. The Contractor will establish for himself from the appropriate local electricity authorities the safe clearances to cables of various different voltages.

All damage to, or interference with, existing services, caused during the progress of the Works, shall be deemed to be the responsibility of the Contractor, who shall undertake to make good, at his own expense, any damage so caused to the existing underground services or other features, and shall be liable in respect of all claims (including claims for consequential costs) arising from such damage or interference.

In all cases where such works are exposed, they shall be properly shored or otherwise supported. Special care must be exercised in refilling to compact the ground under mains, cables, etc. and not to cover up exposed water meters and stop cock boxes, etc.

Poles supporting cables, adjacent to the works, shall be kept securely in place until the work is completed, and shall they be made as safe and as permanent as before.

Notwithstanding the foregoing requirements, and without lessening the Contractor's responsibility, the Contractor shall inform the UNOPS Project Engineer immediately if any existing works are exposed.

#### **4.1.4 Adjoining Property**

- The Contractor is to inspect the properties with the UNOPS Representative and Employers and occupants of the properties, before start of work.
- The Contractor should enable temporary covering during roof Works in order to avoid rain falling flood in the current building.
- Make detailed records of conditions existing within the properties, especially structural defects and other damage or defacement.
- Arrange for at least 2 copies of each record, including drawings, written descriptions, and photographs, to be endorsed by the owners and occupants, or their representatives, as evidence of conditions existing before commencement of work.

Submit one endorsed copy of each record to the UNOPS Representative. The Contractor is to keep the other endorsed copy.

## **2. 4.2 CONSTRUCTION PLANT**

### **4.2.1 Access**

Access route and site access point are as shown on the approved drawings or as agreed with the UNOPS Representative.

### **4.2.2 Contractors Facilities and Work Practices**

The Contractor shall ensure appropriate office conditions for the UNOPS representatives during their stays on site.

The Contractor shall ensure appropriate meeting facilities at the site.

Contractor shall provide One Site Offices (as below specified), with a working station - table with lockable drawers, chairs and lockable filing cabinet for two persons.

The UNOPS Site offices shall be of a minimum of 15 m<sup>2</sup>, fully furnished and provided with parking for 2 cars for the sole use of UNOPS representatives.

The office shall be complete with water and electricity supply, lighting, air condition and heating, toilet, waste water and sewage and other facilities as requested by the UNOPS Project Engineer. Telephone and high speed (broad band of Wi-Fi) internet facilities (internal network, Skype telephone, etc.) must be provided also.

The facilities shall be subject to the UNOPS approval. Control of the car park shall be the responsibility of the Contractor. The offices, all fully equipped with necessary furniture, shall include, as a minimum:

- Office for the UNOPS representative (15 m<sup>2</sup> floor area)
- Meeting Room to be shared with the Contractor (30 m<sup>2</sup> floor area)
- WC with hand shovel.
- The offices shall be waterproof, of sound construction, suitably lined, insulated and decorated.
- Shall be provided with HVAC, power, light, water and drainage.
- The office furniture shall conform to the following minimum Specifications:

Furnishing of each office room shall consist of but not be limited to:

- 2 desks with 4 chairs each
- 2 file cabinets,
- 1 table of adequate size to display A0 drawings,
- 2 wall mounted information plates,

The Contractor shall provide safety equipment and hard hats for the sole use of UNOPS staff as specified in the scope of works. The equipment shall include, but not be limited to, high visibility waterproof clothing, safety helmets, and safety footwear and ear defenders.

The Contractor is to provide daily cleaning services for the UNOPS Project Engineer's facilities at his expense including all necessary cleaning agents and sanitary goods.

The Contractor shall further supply and maintain the UNOPS Project Engineer's site office equipment (including computers, printers, fax machines and telephones and office supplies/consumables).

All rooms shall be covered with heavy grade linoleum and blinds to all windows. All WCs shall have internal flush toilet facilities together with a wash hand basin. There shall be a plumbed hot and cold water supply and sewerage connection.



A 220-volt electricity supply shall be connected; each room shall have one power point per 5 m<sup>2</sup>, adequate strip lighting, electric heating, and air conditioning. If the site experiences power outages, a generator able to keep all equipment and AC operational must be provided.

The Contractor is required to provide following but not limited below facilities in order to ensure proper performance of contracts:

- Adequate toilet and washroom facilities for his staff. These facilities shall be kept clean and serviceable at all times.
- Adequate first aid equipment on-site, failure of the Contractor to ensure the availability of first aid equipment on-site will result in an immediate 'stop work' order being issued. All costs and time delays resulting from any such 'stop work' order are entirely the Contractors responsibility.
- A site office will be established by the Contractor at the work site. The location of the site office will be identified by the UNOPS Representative to the Contractor. The office will have a complete set of the contract documents etc. The Contractors site office shall be of the same quality as the one for UNOPS representatives.

The Contractor is to maintain a safe, healthy and tidy worksite at all times and all work activities are to be performed with protective and safety equipment appropriate for the task. The Contractor is entirely responsible for workplace safety and unsafe work practices will be identified and recommendations made for revised work methods as appropriate.

#### **4.2.3 Sanitary Arrangements**

The Contractor shall provide adequate mess and toilet facilities, as required to meet the applicable statutory provision, for use of his labor force on the Site as well as use by all other contractors. Reference shall be made to the Site Layout Plan for Construction.

#### **4.2.4 Site Preparation**

The Contractor shall confine his operations within the allocated Site, or such other areas of land as may be agreed between the UNOPS and Contractor.

The Contractor shall maintain the Site in a clean, tidy and safe condition during the period of construction and commissioning. The Contractor shall remove any disused materials and other debris arising in connection with the Works from the Site as it arises. The Sites shall not be taken over until such material has been removed.

The Contractor shall prevent vehicles entering or leaving the Site depositing mud or other debris on the surface of the adjacent roads or footpaths. Any materials so deposited shall be removed at the earliest practical opportunity.

The Contractor must regularly clean the site during the performance of the works and remove debris to an officially approved dump. The facility must be completely clean and suitable for moving in and for use before being handed over.

#### **4.2.5 Water Supply**

The Contractor shall provide a clean and sufficient supply of fresh water, both for construction of the Works and for all facilities. He shall undertake all arrangements including pipe lines and meters for connecting to local water mains and the provision of pumps, storage tanks and water conveyance where necessary, payment for all fees and water charges and the satisfactory removal of all such arrangements and provisions on completion of the Works.

#### **4.2.6 Electric Power Supply**

The Contractor shall provide all temporary power, light, and telephone service required for his work. The Contractor shall make all necessary applications, obtain required permits and pay all fees and charges for such services and their use. The Contractor shall provide all wiring, lamps, switches" fuses, receptacles, etc., as may be required for his work. Temporary power and light circuits shall be thoroughly insulated and waterproofed. The temporary power and light system shall be subject to the inspection and approval of the appropriate Authority.

The Contractor shall be solely responsible for the provision of Electricity from whatever source for all his requirements under the Contract. The cost of provision of electricity is deemed to be included in the contract price.

#### **4.2.7 Work Register and Measurement Sheet**

A Work Register shall be kept on the Site by the Contractor, who shall enter in it at least the following information:

- (a) The weather conditions, interruptions of work owing to inclement weather, hours of work, number and type of workmen employed on the Site, materials supplied, equipment in use, equipment not in working order, tests carried out in situ, samples dispatched, unforeseen circumstances, as well as orders given by the UNOPS Project Engineer;
- (b) Detailed statements of all the quantitative and qualitative elements of the work done and the supplies delivered and used, capable of being checked on the Site and relevant in calculating payments to be made to the Contractor.

The Work Register shall be arranged according to the format established by the Construction legislation of Kosovo and as instructed by UNOPS.

The Work Register shall be open for consultation at any time by the UNOPS Project Engineer or his Representative and by the members of the Contracting Authority.

#### **4.2.8 Project Signboards**

Provide project-specific signboards and the following:

- Location, size and wording as directed by the Employers Representative.
- Maintain in good condition for the duration of the work.
- Remove on completion.

Obtain approval before display of advertisements or provision of other signboards.

### **3. 4.3 COMPLETION OF THE WORKS**

#### **4.3.1 Final Cleaning**

-Lamp and filter replacement, and the like, are dealt with in the various *SERVICES* work sections.

Before Substantial completion, clean throughout, including interior and exterior surfaces exposed to view. Clean carpeted and soft surfaces. Clean debris from the site, roofs, gutters, and downpipes and drainage systems. Remove waste and surplus materials.

#### **4.3.2 Reinstatement**

Before substantial completion, clean and repair damage caused by installation or use of temporary work and restore existing facilities used during construction to original condition.

#### **4.3.3 Adjoining Property**

At substantial completion, for adjoining properties inspect the properties with the Employers Representative and owners and occupants of the properties, recording any damage that has occurred since the pre-commencement inspection.

#### **4.3.4 Post Construction Works**

The Contractor will provide the following documentation after all site construction has been completed:

- Warranty Statement
- Material Test Certificates
- As-Built Drawings

A condition-out survey will be conducted with the Contractor and UNOPS Representative at which damages caused by the Contractor will be identified. The UNOPS Representative will determine if the Contractor is to make repairs or if the damage will be deducted from the Contractor's final invoice.

#### **4.3.4 Removal of Plant**

Within 10 working days after substantial completion, remove temporary works and construction plant no longer required. Remove the balance before the end of the defects liability period.

#### 4. 4.4 MISCELLANEOUS

##### 4.4.1 Compliance with the Law

The Contractor is responsible for compliance with all requirements of authorities. The owner, before entering into the contract, has given the notices, paid the fees, and obtained the permits, approvals and other authorizations.

### 3. ARCHITECTURAL & STRUCTURAL WORKS

#### 5. 5.1 DEMOLITION WORKS

##### 5.1.1 Assessment of Environmental Impact and Impact Measures

###### *Good Construction Practices and small scale environmental impact*

The construction activities have potential to result in significant adverse environmental impact, but most of those impacts can be softened down to acceptable levels through the use of Good Construction Management Practices by Contractor such as;

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
General Conditions	Notification and Worker Safety	<ul style="list-style-type: none"> <li>(a) The local construction and environment inspectorates and communities have been notified of upcoming activities</li> <li>(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)</li> <li>(c) All legally required permits have been acquired for construction and/or rehabilitation</li> <li>(d) All work will be carried out in a safe and disciplined manner designed to minimize impacts on neighboring residents and environment.</li> <li>(e) Workers' PPE will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots)</li> <li>(f) Appropriate signposting of the sites will inform workers of key rules and regulations to follow.</li> <li>(g) Employers engagement correct procedures for design and security</li> <li>(h) Regular elimination of wastes</li> </ul>

		<ul style="list-style-type: none"> <li>(i) Develop and implement appropriate human health and worker safety measures during construction.</li> <li>(j) Apply weekly training of workers by company expert to minimize risk for health and safety.</li> <li>(k) Protect all electrical services and utilities. Where removal of existing utilities and pavement is specified or indicated, provide approved barricades, temporary covering of exposed areas, and temporary services and connections for electrical and utility systems.</li> </ul>
A. General Rehabilitation and/or Construction Activities	Air Quality	<ul style="list-style-type: none"> <li>(a) Burning is not allowed.</li> <li>(b) During interior demolition (pneumatic drilling/wall destruction) process dust shall be suppressed by ongoing water spraying and or installing dust screen enclosures at site.</li> <li>(c) Keep demolition debris in controlled area and spray with water mist to reduce debris dust.</li> <li>(d) The surrounding environment shall be kept free of garbage and solid waste (clay) to minimize dust.</li> <li>(e) There will be no open burning of construction / waste material at the site</li> <li>(f) There will be no excessive idling of construction vehicles at sites</li> <li>(g) Take appropriate action to check the spread of dust and avoid the creation of a nuisance in the surrounding area.</li> <li>(h) Comply with all dust regulations imposed by the station and local air pollution agencies.</li> </ul>
	Acoustic environment	<ul style="list-style-type: none"> <li>(a) Construction noise will be limited to restricted times agreed to in the permit</li> <li>(b) Use of adequate methods and equipment for construction in the inhabitant area.</li> <li>(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</li> <li>(d) Coordinate truck and other construction activity to minimize noise, traffic disruption and dust.</li> </ul>
	Water Quality	<ul style="list-style-type: none"> <li>(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.</li> <li>(b) Seal or remove abandoned drains to minimize water contamination.</li> </ul>
	Waste management	<ul style="list-style-type: none"> <li>(a) Waste collection and disposal pathways and sites will be identified for all major waste types expected construction activities.</li> </ul>

		<ul style="list-style-type: none"> <li>(b) Solid waste will be collected and disposed properly in accordance with Environmental Legislation of EU.</li> <li>(c) The records of waste disposal will be maintained as proof for proper management as designed.</li> <li>(d) Whenever feasible the contractor will reuse and recycle appropriate and available materials (except asbestos)</li> <li>(e) Remove rubbish and debris from the plot daily, unless otherwise directed; do not allow accumulations inside or outside the buildings.</li> <li>(f) For stored materials that cannot be removed daily in areas designated by the Engineer, the Contractor must provide a movable (with wheels) metal bin / container for disposal of miscellaneous small construction debris and shall empty the container as often as required at an authorised (debris) disposal site.</li> </ul>
<b>B.</b> Wastewater treatment system	Water Quality	<ul style="list-style-type: none"> <li>(a) The approach to handling sanitary wastes and wastewater from building sites (installation or reconstruction) must be approved by the local authorities</li> <li>(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.</li> <li>(c) Site vehicles and machinery will be washed only in designated areas where runoff will not pollute natural surface water bodies.</li> </ul>
<b>C.</b> Historic building(s)	Cultural Heritage	<ul style="list-style-type: none"> <li>(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.</li> <li>(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.</li> </ul>
<b>D.</b> Acquisition of land	Land Acquisition Plan/Framework	<ul style="list-style-type: none"> <li>(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.</li> <li>(b) The approved Land Acquisition Plan/Framework (if required by the project) will be implemented</li> <li>(c) Cover stockpiled construction materials as practicable.</li> <li>(d) Put waste materials to appropriate, designated local disposal areas.</li> </ul>

<b>E. Toxic Materials</b>	Asbestos management	<p>(a) If asbestos is located on the project site, it shall be marked clearly as hazardous material</p> <p>(b) When possible the asbestos will be appropriately contained and sealed to minimize exposure</p> <p>(c) The asbestos prior to removal (if removal is necessary) will be treated with a wetting agent to minimize asbestos dust</p> <p>(d) Asbestos will be handled and disposed by skilled &amp; experienced professionals</p> <p>(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.</p> <p>(f) The removed asbestos will not be reused</p>
	Toxic / hazardous waste management	<p>(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</p> <p>(b) The containers of hazardous substances shall be placed in an leak-proof container to prevent spillage and leaching</p> <p>(c) The wastes shall be transported by specially licensed carriers and disposed of in a licensed facility.</p> <p>(d) Paints with toxic ingredients or solvents or lead-based paints will not be used</p> <p>(e) Place solvents, lubricants, oils and other hazardous liquids within a lined area with appropriate secondary containment in order to contain spillage.</p>
<b>F. Affected forests, wetlands and/or protected areas</b>	Protection	<p>(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.</p> <p>(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</p> <p>(c) There will be no unlicensed borrow pits, quarries or waste dumps in adjacent areas, especially not in protected areas.</p> <p>(d) Do not build structures in sensitive areas such as wetland.</p>
<b>G. Disposal of medical waste</b>	Infrastructure for medical waste management	<p>(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:</p> <ul style="list-style-type: none"> <li>▪ Special facilities for segregated healthcare waste (including soiled instruments “sharps”, and human tissue or fluids) from other waste disposal; and</li> </ul>



		<ul style="list-style-type: none"> <li>▪ Appropriate storage facilities for medical waste are in place; and</li> <li>▪ If the activity includes facility-based treatment, appropriate disposal options are in place and operational</li> </ul>
<b>H</b> Traffic and Pedestrian Safety	Direct or indirect hazards to public traffic and pedestrians by construction activities	<p>(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</p> <ul style="list-style-type: none"> <li>▪ Signposting, warning signs, barriers and traffic diversions: site will be clearly visible and the public warned of all potential hazards</li> <li>▪ 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.</li> <li>▪ Adjustment of working hours to local traffic patterns, e.g. avoiding major transport activities during rush hours or times of livestock movement</li> <li>▪ Active traffic management by trained and visible staff at the site, if required for safe and convenient passage for the public.</li> <li>▪ Ensuring safe and continuous access to office facilities, shops and residences during renovation activities, if the buildings stay open for the public.</li> </ul> <p>(c) Where pedestrian and driver safety is endangered by the excavation and demolition work, use traffic barricades with flashing lights (during hours of darkness) and appropriate signs to redirect traffic away from the demolition area.</p> <p>(d) Carefully remove existing utilities uncovered by the work as indicated and terminate in a manner conforming to local norms/regulations covering the specific utility and as approved by the Supervisor Engineer. If utility lines are encountered that are not shown on the drawings, contact the Supervisor Engineer for further instructions.</p>
<b>I.</b> Site Investigation Works Execution	Protection of natural environment and biodiversity	<p>(a) Minimizing staff presence and vehicle traffic,</p> <p>(b) Sticking to existing roads and tracks as much as possible,</p> <p>(c) Taking out all waste after completion of the assignment</p> <p>(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)</p> <p>(e) Provide necessary temporary works and covers to shield passers-by.</p>



		<p>(f) Introduce measures to control and minimize the volume of waste on site.</p> <p>(g) The Contractor shall not utilize housing area garbage bins to dispose of construction debris of demolished material, but shall utilize Contractor furnished garbage bins for disposing of any and all construction related disposable materials and shall transport these off station as often as is necessary.</p> <p>(h) Remove and transport debris and rubbish in a manner that will prevent spillage on streets or adjacent areas.</p> <p>(i) As practicable, remove and reduce the spread of ground contaminants.</p> <p>(j) Clean up any such spillage from streets and adjacent areas.</p> <p>(k) Comply with station and Kosovo hauling and disposal regulations.</p>
<b>J. Investor property</b>	Protection of investor properties assets	<p>(a) Existing work which is: (a) to remain in place, (b), to be reused, or (c) to remain the property of the Investor, shall be protected using temporary covers, shoring, bracing, and supports.</p> <p>(b) Items which are to remain and which are damaged during performance of the work shall be repaired to their original condition or replaced with new at the Contractor's expense.</p> <p>(c) Existing electrical wires and conduits that are to remain shall be carefully detached from their anchors/ fasteners (without disconnection), repositioned out of the way of current construction operations, and protected from damage.</p> <p>(d) Wherever existing surfaces to remain are damaged by the Contractor during the performance of the work, the Contractor shall repair, patch, and finish such surface(s) to match the finish of adjacent undamaged surface(s).</p> <p>(e) The Contractor shall be liable for the removal and relocation of the existing facilities within the site.</p>

**End of Part 1**