#### TERMS OF REFERENCE

# for Supervision of Construction and Reconstruction Works for 6 (six) Municipalities in the Eastern Part of the Country

#### I. BACKGROUND

Local and Regional Competitiveness Project (LRCP) is a four-year investment operation financed with a grant from the European Union (IPA II), and consists four components. LRCP is based on a holistic approach to tourism development and destination management and will provide investment funding and capacity building to support sector growth, investment in destinations, and specific destination prosperity.

- Technical Assistance for Tourism Development Component 1
- Strengthening Destination Management and Enabling Environment Component 2
- Investment in Tourism-Related Infrastructure and Linkages at Destinations Component 3
- Strengthening Project Management Component 4

Investment in Tourism-Related Infrastructure and Linkages at Destinations – Component 3 This component will support key investments that will make an impact on increasing the attractiveness of the selected destinations through upgraded product offerings and linkages with local economies to capture a greater share of economic benefits. The component will provide funds for investment in infrastructure and non-infrastructure activities (training, publications, upgrading of supplier capabilities, etc.) in the destinations participating in LRCP.

Sub-components 3.1 (*Infrastructure Investments*) and 3.2 (*Linkages and Innovation Subgrants*) shall be considered as an integrated set of measures that will improve the attractiveness of a limited number of touristic destinations through a smart combination of "soft" and "hard" measures. Financed Sub-project proposals must: (i) meet the needs of the circuit/corridor; (ii) have positive economic and financial returns; (iii) attract further private sector investment and business development; and (iv) be sustainable over time. Integrated with the destination management activities from Component 2, the package of interventions will facilitate the realization of impacts such as job creation, attraction of new tourists, increased overnights and spending per tourist, increase in revenue and tax generated from tourism related activities, and opportunities for participation by rural, poor, and marginalized communities.

### **Objectives of LRCP Component 3**

To support key investments in infrastructure and non-infrastructure activities that will make an impact on increasing the attractiveness of selected destinations through upgraded product offerings and linkages with local economies to capture a greater share of economic benefits at the destinations or tourism circuits (markets, value chains).

The investments in infrastructure sub-projects mainly includes the following major activities:

• Reconstruction and adaptation the existing buildings, with all typical construction group of works, such as: preparational works; concrete and reinforcement-concrete works;

masonry works; plastering and painting works; roof works; wooden and carpentry works; steel and tin works; stone works; water supply and sewerage; electrical installations and lighting.

- **Reconstruction of the local roads** with all common construction group of works, such as: earth works and preparational works; geodetic support construction; drainage; excavating and compacting ground; concrete works; asphalt paving works.
- Landscaping, signage and setting the urban and outdoor equipment, including the most common construction group of works: earth works and preparational works; drainage; excavating and compacting ground; planting; concrete works; steel and sheet metal works; installation of wooden and metal billboards, information boards and signposts;

Construction and reconstruction works are going to be conducted at the territory of 6 (six) different Municipalities as follows:

- (I) Municipality of Karbinci (LRCP-1/18-SG-20)
- (II) Municipality of Veles (LRCP-1/18-SG-34)
- (III) Municipality of Kocani (LRCP-1/18-SG-33)
- (IV) Municipality of Negotino (LRCP-1/18-SG-22)
- (V) Municipality of Dojran (LRCP-1/18-SG)
- (VI) Municipality of Konce (LRCP-1/18-SG-23)

Detailed description of construction works for each Municipality is given below:

# (I) Municipality of KARBINCI (Total construction works cost estimation 19.080.392 MKD)

# 1.1. Reconstruction and adaptation of roofs of the existing building, mountaineering house

Flooring: Basement 50m2, Ground floor: 70,10m2 and 1st floor 69m2

**Location:** mountaineering house Vrteska, on KP No.378.

**Works included:** Preparational works; concrete and reinforcement-concrete works; masonry works; roof works; carpentry works; tin works; water supply and sewerage; electrical installations and lightning.

**Duration:** 7 months

### 1.2. Landscaping on approx. 2.400 m2 near the climbing rock

**Location:** on KP No.378.

**Works included:** Earthworks and preparational works; concrete and reinforcement-concrete works; stone works; carpentry works and roof works.

**Duration:** 2 months

# 1.3. Construction/Montage of Climbing rock, at Plackovica mountain

Location: Mountaineering house Vrteska, on KP No.383.

**Works included:** Earthworks and preparational works; concrete and reinforcement-concrete works, steel bearing construction, panels for the wall construction and landscaping.

**Duration:** 3 months

# 1.4. Reconstruction of the access road from Regional road R-601 to v. Vrteska, Church St. Gorgi, Municipality of Karbinci (approx. length 1km)

Works included: Earthworks and preparational works; geodetic works; drainage; concrete

works; asphalt paving works.

**Duration:** 3 months **1.5. Mapping paths** 

**Path 1**: Archaeological site Bargala - Kozjak Waterfalls

Starting point elevation: 390m, Elevation at the end point: 580m.

The length of the track is 3km

Path 2: Waterfalls Kamnik-Radanje

Starting point elevation: 380m and end point terrain elevation: 950m.

The length of the track is 10 km.

Path 3: Kamnik – Kuchitsa - Vrteshka

Initial elevation: 550m and ends at an altitude of 1063m.

The length of the trail is 8 km

Path 4: River Kozjachka – Waterfall Parnalia - Mountaineering house Vrteska

Initial elevation of 590 meters and ends at an altitude of 1063m.

The length of the track is 11 km.

**Path 5**: Forest house - Kup Cave - Top Turtel

Initial elevation of 1240m and ends at an elevation 1580m.

The length of the track is 3 km.

Path 6: Vrteska - Turtel Cave - Cup cave - Golema Cave - Peak Turtel

Initial elevation of 1063 m and ends at an elevation 1580m.

The length of the track is 7 km.

**Path 7**: Vrteska - Peak Lisec (through the Lumiska River)

Initial elevation of 1063m and ends at an elevation 1675m.

The length of the track is 6 km.

Path 7: Vrteska – Partisan's hospital - Djumaja Radovish home

Initial elevation of 1063m and ends at an elevation 1385m.

The length of the track is 6.5 km.

**Works included:** Earthworks and preparational works; concrete and reinforced-concrete works; installation of wooden billboards, information boards and signposts.

**Duration:** 2 months

#### (II) Municipality of VELES (Total construction works cost estimation 47.901.605 MKD)

### 2.1. Construction and montage of a Billboard

**Dimensions**: 6x4m.

**Material**: Sheet metal (T55/150, thickness: 0.7mm) and PVC **Location**: Highway Skopje – Veles, near the Pay Toll - Sopot

Works included: Earthworks and preparation works; concrete and reinforced-concrete

works; steel and sheet metal works;

**Duration:** 1 month

# 2.2. Purchase of urban equipment and Construction of Eco Camp and children adventure park wooden village at Lake "Mladost", with the following facilities:

- Wooden houses 11m2 (7 pcs.)
- Sanitary knot 70m2
- Toilets and Showers
- Kitchen and Outdoor pavilion for meetings, meals and other activities of the users

of camp (2 pcs.)

- Photovoltaic collectors for electricity

**Works included:** Earthworks and preparational works; concrete works; wooden and carpentry works; painting works; insulation works; steel and sheet metal works; pavement works; roofing works.

**Duration:** 10 months

# 2.3. Construction and montage of a metal Kiosk (19m2) and Benches (6 pcs. from recycled wood)

**Location**: Lake "Mladost" (KP 108/2, K.O. Basino Selo – vgr.)

**Works included:** Earthworks and preparational works; concrete works; wooden and carpentry works; painting works; insulation works; steel and sheet metal works; pavement works; roofing works; electrical installation works.

**Duration:** 2 months

# **2.4.** Reconstruction of two local Road to Sopot Winery (from 0+000,00 to 0+459,48) and (from 0+000,00 to 0+266,54)

Location: Lake "Mladost"

**Works included:** Earthworks and preparational works; geodetic works; drainage; works on underlay for asphalt; asphalt paving works.

**Duration:** 6 months

**2.5. Landscaping architecture.** Planting of new vegetation, grass surfaces and surfaces with a layer of ground stone.

Surface: 15 HA

**Location**: South-west part of the Lake "Mladost"

**Works included:** Earthworks and preparational works; planting and horticultural landscaping; concrete works; water and sewerage supply; electrical installation works.

**Duration:** 3 months

# 2.6. Reconstruction of a Hiking trails, parking with mounting of smart elements and installation of street smart-lighting of the Lake "Mladost".

**Length**: 7100 m<sup>1</sup> **Width**: 6m

Parking for 23 cars.

**Works included:** Earthworks and preparational works; geodetic works; drainage; works on underlay for asphalt; asphalt paving works; electrical installation works.

**Duration:** 3 months

**2.7. Bird observing platform.** The platform is made out of wood, dim.2,7x5,00 and height 8.00m.

**Works included:** Earthworks and preparational works; concrete works and reinforced-concrete works; steel and sheet metal works; wooden and carpentry works; painting works; miscellaneous works.

## 2.8. Improvement of cycling paths.

**Length**: 7.100 m<sup>1</sup> **Width**: 2,0 m<sup>1</sup>

Location: Lake "Mladost"

Works includes: Earthworks and preparational works;

**Duration:** 1 month

#### 2.9. Reconstruction of an Access road to Eco Camp.

Length: 174 m<sup>1</sup>

Location: Lake "Mladost"

Works included: Earthworks and preparational works; geodetic works; drainage; works

on underlay for asphalt; asphalt paving works.

**Duration:** 6 months

2.10. Signage.

Works included: Earthworks and preparational works; concrete works; wooden and

carpentry works; miscellaneous works.

**Duration:**1 month

2.11. Reconstruction of a Tourist bureau.

**Surface**: 48m<sup>2</sup>

Location: Veles, City centre

Works included: Preparational works; concrete works; carpentry works; painting works;

insulation works; ceramic works; electrical installation works.

**Duration:** 3 months

#### (III) Municipality of KOCANI (Total construction works cost estimation 20.941.797 MKD)

# 3.1. Reconstruction of a mountain lodge on Ponikva.

**Surface:** 245 m<sup>2</sup>

Location: Sport and recreational centre Ponikva KP 332/442 KO Jamishte

**Works included:** Preparational works; concrete and reinforcement-concrete works; masonry works; wooden and carpentry works; plastering and painting works; roof-covering works; water and sewerage supply; electrical and lighting installation; heating

**Duration:** 7 months

**3.2.** Reconstruction and upgrading the mount bike trails and pedestrian paths on Osogovo Mountain (Ponikva – Lake Gradche – Kochani). 4 paths with total approx. length of 25 km.

**Path 1**: Kochani (Baychaluk) - Lake Gradche:

The length of the track is approx. 8 km.

**Path 2**: Hotel Gratch – the crown of Dam Gratche:

Approx. length 0,5 km.

**Path 3:** Lake Gratche – Ponikva - Lake Gratche:

Starting point elevation: 490m, Elevation at the end point: 1580m.

The approx. length 2x15 km.

**Path 4**: Lake Gradche – Waterfall:

The length of the track is approx. 1,66 km

**Works included:** Earthworks and preparational works; excavation and compacting the ground; concrete works; wooden and carpentry works; installation the urban equipment;

**Duration:** 3 months

### (IV) Municipality of NEGOTINO (Total construction works cost estimation 12.568.037 MKD);

# **4.1. Reconstruction of an old school in Veshje.** Approx. 240 m<sup>2</sup> (ground floor)

Location: v. Veshje KP 557, KO Veshje, Negotino

Works included: Preparational works; concrete works; masonry works; wooden and carpentry works; plastering works; roof-covering works; insulating works; painting and

façade works; tiles works; tin works; floor works; water supply and sewerage; electrical installation and lighting; miscellaneous works;

**Duration:** 5 months

### **4.2.** Montage of urban equipment on the City Square:

- Setting the designed inscription of the city;
- 7 Wooden cottages for selling out the local products (dim.1,7x3,0);
- Wooden construction for planting the wine branches (approx.70 m<sup>2</sup>);
- Reconstruction of the existing stage (dim.9,0x7,0x2,7);

**Location:** Negotino, City center

**Works included:** Preparational works; concrete works; wooden and carpentry works; installation the urban equipment; steel and tin works;

**Duration:** 3 months

# 4.3. Montage of Urban equipment at Beekeeping Park in Veshje

**Surface**: 660m<sup>2</sup>

**Location**: village Veshje

Works included: Earthworks and preparational works; concrete works and paving;

**Duration:** 1 month

# 4.4. Adaptation and renovation the basement of the "Zhelkova Kuka" in to the "Wine

**archive".** (approx. 32 m<sup>2</sup>)

Location: Negotino, City center

Works included: Plastering and painting works; decorating works; floor works; water

supply and sewerage; electrical installation and lighting; setting the furniture;

**Location**: Negotino, City centar

**Duration:** 3 months

# **4.5.** Reconstruction of the Boulevard "Marshal Tito", construction of the jardinières and landscaping. (approx. length 1 km)

Location: Negotino, City centar

**Works includes:** Earthworks and preparational works; excavation and compacting the ground; concrete works; water supply; planting and horticultural landscaping; setting the

urban equipment; **Duration:** 3 months

### (V) Municipality of DOJRAN (Total construction works cost estimation 56.194.504 MKD)

# 5.1. Construction of a road from the regional road "R-1105" to the eastern locality "Front Line"

**Length:** 1.6 km

**Location:** KO Srtenenovo, near the Greece border

Works included: Earth works and preparational works; geodetic works; drainage;

excavating and compacting ground; concrete works; asphalt paving works;

**Duration:** 6 months

### **5.2.** Asphalting the street to the open summer scene. (approx. length 220 m<sup>1</sup>)

**Location:** Star Dojran

**Works included:** Earthworks and preparational works; geodetic works; drainage; excavation and compacting the ground; concrete works; asphalt paving works;

**Duration:** 3 months

#### 5.3. Restoration of damaged parts of the Open Summer Scene.

**Location:** Star Dojran, City center

**Works included:** Earthworks and preparational works; concrete and reinforcement-concrete works; insulating works; wooden and carpentry works; plastering, painting and facade works; construction steel works; paving; setting the equipment;

**Duration:** 3 months

**5.4.** Horticultural landscaping of the Open Summer Scene. (approx. surface 4.200 m<sup>2</sup>)

**Location:** Star Dojran, City center

**Works included:** Earthworks and preparational works; geodetic works; drainage; excavation and compacting the ground; concrete works; paving; planting and horticultural landscaping; electrical installation and lighting; setting the urban equipment;

**Duration:** 2 months

5.5. Ground and horticultural arrangement at the green recreational zone. (approx.

surface 25.400 m<sup>2</sup>)

**Location:** Star Dojran, City center

**Works included:** Earthworks and preparational works; geodetic works; drainage; excavation and compacting the ground; concrete works; paving; planting and horticultural landscaping; electrical installation and lighting; setting the urban equipment;

**Duration:** 5 months

### (VI) Municipality of KONCE (construction works cost estimation 16.305.100 MKD).

6.1. Rehabilitation of the road village Dolna Vrashtica - village Gabrevci

**Length**: from KM 0 + 602.61 to KM 6 + 792.60 (5.185,95 m)

**Location**: Municipality of Konce (right bank of the Lakovicka river)

**Works included:** Earth works and preparational works; geodetic works; drainage; excavating and compacting ground; concrete works; asphalt paving works;

**Duration:** 6 months

6.2. Mapping and marking of pedestrian paths "Vlaski Kolibi - Monastery St. Gorgi" (approx. length 2 km) and "Chukatka" and placement of urban equipment (approx. length 1 km)

**Location**: Dolna Vrashtica (Lake Mantovo).

**Works included:** Earthworks and preparational works; excavation and compacting the ground; concrete works; installation the wooden signs and urban equipment;

**Duration:** 2 months

6.3. Electrical installation and lighting of the Vlaski Kolibi

**Location:** Nearby Lake Mantovo

Works included: Earthworks and preparational works; excavation and compacting the

ground; concrete works; electrical installation and lighting;

**Duration:** 2 months

The Detailed Design about each location may be obtained on USB from the premises of the Local and Regional Competitiveness Project (LRCP).

The selected Contractor shall sign sub-contracts for each of these \Municipalities. The interested Contractor shall submit Expression of Interest for all six Municipalities. Partial Expression of Interest shall not be taken for evaluation.

#### **II. OBJECTIVES**

The objective of the assignment is to ensure that high quality construction and reconstruction works are achieved and to ensure that all work is carried out in full compliance with the engineering design, technical specifications and other contract documents.

Civil works will be conducted in accordance with the current regulations and national legislation for such kind of works (Law on Construction, Law on spatial and urban planning, Law on protection on cultural heritage, Law on Public Roads, Law on Safety of the Road Traffic, etc.), as well as bidding terms and prescribed technical requirements.

#### **III. SCOPE OF SERVICES**

The direct assignments of the supervising body during the conduct of the construction works are:

- Establish procedures for proper works supervision;
- Review and check the detailed urban plan, detailed design, building permit, all necessary permits;
- Review and check the Works Contracts provisions (validity period of Works Contractor's
  insurance policies, guarantees, certificates, and other relevant documents provided by the
  Works Contractor and ensuring timely renewal of the said documents by the Works
  Contractor);
- Verify of Work Contractors detailed time and activity schedules including reporting and documents preparation;
- Introduce the Contractor with the construction works on site and prepare the report thereon;
- To ensure if the participants in the construction have the required licenses and authorizations;
- Control and supervision of each phase of the construction, in order to ensure the quality and quantities of works that are in compliance with the Works Contract, normative technical documents and good engineering practice;
- Sign / counter-sign of Construction's Log Books with filing of copies;
- Approve tests on items such as materials and products according to the instruction of the technical specifications. The Supervision Team shall: Check manufacturer's tests for the equipment and parts delivered by the Contractors; Verify the tests on installed materials and equipment in situ;
- Provide mandatory site inspection with attention to quality of works, as well as health, safety and environmental measures taken by the Works Contractor;
- Provide instructions to the Contractor on modifications in technical specifications, parts of the design, work program in consultation with representatives of the PIU and Municipality/ies;
- Will chair, prepare and coordinate the site weekly progress meetings, with provision of minutes of these meetings in Macedonian language. Representatives of the PIU and Municipality/ies will attend the meetings as and when needed;
- Verify of Contractor's interim and final payments, through establishing the value of works. Interim payment certificates shall be verified by the Engineer within 7 work days after

- receiving the Work Contractor's request, and submitted to the representatives of the PIU and Municipality/ies for further processing;
- Approves as-build documentation supported with Work Contractor's construction record, securing delivery to representatives of the PIU and Municipality/ies jointly with certificates, reports, records properly ordered and presented by the Work Contractor;
- Timely inform the representatives of the PIU and Municipality/ies if the implementation of Works Contract does not meet the technical requirements and to suspend the construction works if the project solution is changed or not in accordance with the technical method:
- Supervise, control and approve unforeseen activities related to the implementation of rehabilitation and construction works:
- For each phase of the construction, the Supervision Team is authorized to deliver a report to the Cabinet of the Deputy President in charge for Economic Affairs (CDPMEA) (PIU) and to the Municipality/ies;
- To monitor the parameters with impact on the environment (as defined in the ESMP Monitoring Plan), during the construction works. The reports with results of monitoring should be submitted to the CDPMEA (PIU Environmental Expert)/Municipality (quarterly);
- Check and approve the Monthly/Final Payment Certificate prepared by the Works Contractor together with the supporting documents and submit to the PIU and Municipality/ies for approval;
- Check and approve after completion of the works the Final Report prepared by the Works Contractor;
- All other activities foreseen by the domestic Construction Law.

The Supervision Team has the right to stop the construction activities in the following situations:

- In case of serious flaws and deviations from the technical design and technical specifications for the specific construction works that are envisaged in the original design;
- If the construction activities are not performed in accordance with the actual standards and technical regulations.

The Supervision Team shall not:

- Take orders from the Contractor or their deputies;
- Discuss, debate, or give orders to the workers of the Contractor. All conversations shall be led with the director of the construction company or his deputy;
- Make changes to the technical design.

#### IV. REPORTING OBLIGATIONS

Each report must consist of a narrative section and a financial section. The financial section must contain details of the time inputs of the experts and reimbursable expenditure verification.

In addition to any documents, reports and output specified under the duties and responsibilities of each key expert, the Contractor shall provide the following reports:

Name of report	Content	Time of submission	Approval of the reports by the Client
Inception Report	Analysis of existing situation and plan of work for the project. These reports, among others shall consist of:  • The work plan and the overall approach, methodology vis-à-vis the assignment;  • Implementation program and timetable of the works;  • Agreement on the detailed lay-out and content of the progress reports.	No later than 2 weeks after the start (the commencement date)	1 week after the submission of the Report.
Progress reports (Monthly):	<ul> <li>These reports, among others shall consist of:</li> <li>Main contractual details;</li> <li>Progress achieved during the reporting period, detailing any delays and acceleration measures;</li> <li>Cumulative progress achieved;</li> <li>Photos.</li> </ul>	No later than 5 working days after the end of each month.	1 week after the submission of the Report.
Draft Final Report	Short description of achievements including problems encountered and recommendations.  Draft Final Report shall contain at least:  Short description of achievements including problems encountered and recommendations; a	No later than 1 month before the end of the implementation period.	2 weeks after the submission of the Report.

	final invoice for implementation of works period and the financial report accompanied by the expenditure verification report;  copies of the Taking-over Certificate(s);  verified "as-built drawings", prepared by the contractors, showing all revisions to the design of the Works,  a complete analysis of the completed Works;  an overview of the actual progress of the Works, including details of reasons for delays and/or extensions of time;  an overview of site safety procedures, any problems in this respect and recommendations for improvements;  an assessment of the quality of materials and workmanship, any problems in this regard and recommendations for improvement;		
Final Report after completion	On completion of the Works Contract (that is, upon the issue of the Performance Certificate), the Contractor (Supervisor/Engineer) shall prepare a Final Report and shall contain at least:	Within 1 month of receiving comments on the draft final report from the Project Manager identified in the contract	2 weeks after the submission of the Report.

	<ul> <li>Short description of</li> </ul>		
	achievements		
	including problems		
	encountered and		
	recommendations; a		
	final invoice for		
	implementation of		
	works period and the		
	financial report		
	accompanied by the		
	expenditure		
	verification report;		
	<ul><li>copies of the</li></ul>		
	Performance		
	Certificate(s);		
	<ul><li>verified "as-built</li></ul>		
	drawings", prepared		
	by the contractors,		
	showing all revisions		
	to the design of the		
	Works,		
	<ul><li>a complete analysis of</li></ul>		
	the cost of the		
	completed Works;		
	<ul><li>an overview of the</li></ul>		
	actual progress of the		
	Works, including		
	details of reasons for		
	delays and/or		
	extensions of time;		
	<ul><li>an overview of site</li></ul>		
	safety procedures, any		
	problems in this		
	respect and		
	recommendations for		
	improvements;		
	<ul><li>an assessment of the</li></ul>		
	quality of materials		
	and workmanship,		
	any problems in this		
	regard and		
	recommendations for		
	improvement;		
Th. C 4 NT. 4 ° C' 4 °	After any planed	Within 5 days after	2 weeks after
Defect Notification	missions or missions	completion of each	the submission
Period reports	related to any incident,	mission.	of the Report.
,	·		

the Contractor	
(Supervisor/Engineer)	
shall prepare Defect	
Notification Period	
reports with status of the	e
project and any defect	
found with	
recommendation and	
proposals.	

All reports should be written in Macedonian and English language and should be delivered to the representatives of the PIU

## **V. REQUIRED QUALIFICATIONS**

The Contractor company must provide at least the following technical expert staff for completing the assignment:

#### **Required Qualifications for the Company**

- License B for supervision of II category of buildings issued by the Ministry of transport and connections of RM;
- At least 7 (seven) years of relevant experience in supervision of construction works;
- Have experience as a site supervisor on at least 1 (one) relevant project of nature and degree of complexity comparable to the works in this ToR i.e. construction/reconstruction of commercial, residential and/or public buildings, in the last 7 (seven) years, in a value of the construction works at least 23.000.000 MKD.
- Have experience as a site supervisor on at least 1 (one) relevant project of nature and degree of complexity comparable to the works in this ToR i.e. construction/reconstruction of municipal, local and regional roads, in the last 7 (seven) years in a value of the construction works at least 20.000.000 MKD.

The Project Team shall consist of the following key experts: 1 (one) **Team Leader/ Civil engineer specialized in Road infrastructure and** 1 (one) **Architect** and a pool of non-key experts.

#### 1. Team Leader / Civil engineer specialized in Road infrastructure

- At least Bachelor's Degree in Civil engineering;
- Authorization B for supervision issued by the Chamber of authorized architects and authorized civil engineers of the Republic of Macedonia
- At least 7 (seven) years professional experience in supervision or construction or reconstruction or rehabilitation of a road infrastructure;
- At least 1 (one) project in road construction or reconstruction or rehabilitation, whereas at least in one project is a Team Leader/Deputy Team Leader in a supervision team, in the last 7 (seven) years in a value of the construction works at least 15.000.000 MKD.

#### 2. Team Leader / Architect

- At least Bachelor's Degree in Architecture
- Authorization B for supervision issued by the Chamber of authorized architects and authorized civil engineers of the Republic of Macedonia
- At least 7 (seven) years professional experience in supervision or building structures;
- At least 1 (one) project in construction/reconstruction of commercial, residential and/or public buildings whereas at least in one project is a Team Leader/Deputy Team Leader in a supervision team, in the last 7 (seven) years in a value of the construction works at least 17.000.000 MKD.

The company shall appoint one of the proposed Key experts as a Project Coordinator.

#### Non key experts

CVs for non-key experts should not be submitted in the tender but the Contractor will have to demonstrate in its offer that it has access to experts with the required additional profiles, necessary for the implementation of the activities, such as:

- Architect;
- Civil engineer;
- Mechanical Engineer;
- Electrical engineer;
- Geodesy surveying engineer;
- Geo-technical Engineer
- Environmental engineer;
- Other experts as needed.

#### VI. DURATION OF THE ASSIGNMENT

Until 31 December 2019 (Each of the construction works has different duration, however the Supervision contract shall be signed until the end of the year 2019)