

## TECHNICAL REPORT (DESCRIPTIVE REPORT)

Performance-based routine maintenance, "Koplik - Bogë, Dedaj - Razëm" 40.5 km

### • **Scope of services to be carried out:**

The services to be provided include all the activities, physical and others, which should be carried out by the contractor by their compliance with the levels of service, based on the implementation of all technical specifications.

In particular, they include managerial duties and physical works related to the following categories of works:

- Asphalt
- Leveling of shoulders
- Repair and upgrade of vertical and horizontal signs (and lighting, if any)
- Drainage facilities (ditches, gutters, culverts, etc.)
- Vegetation control
- Escarpments (leveling and removal of vegetation.)
- Control, repair and maintenance of art works
- Repair and upgrade of guardrails or concrete parapets
- Traffic management during execution of works
- Snow removal (if winter maintenance is available)

The services required by road maintenance are classified in the following categories of works:

- **Routine Maintenance Services** in the form of quantity expressed in a monthly ceiling amount (this will be a monthly quantity applicable throughout the contract duration, expressed in price per km for each month multiplied by road length and duration of services).
- **Rehabilitation Works** in the form of quantity of a ceiling amount, while indicating the quantities of measurable works to be carried out in order for the road to meet its performance standards.
- **Emergency Works** in the form of a traditional bill of quantities.

*The main functions of maintenance bases in general should be as follows:*

1. Supervision of road segment/section in certain periods by levels of service.
2. Monitoring of meteorological factors and undertaking measures depending on the situation.
3. Maintenance on desired road layers conditions.
4. Maintenance of parking spaces, service, road signs, lighting systems, and future signaling and telecommunication.
5. Repairs and reconstruction after road accidents.
6. Repairs and reconstruction after natural disasters.
7. Cleaning operations of drains, culverts and other facilities related to the removal of water from road surface.
8. All the operations for the cleaning and maintenance of:
  - road signs, safety devices (guardrails, parapets, etc.) and lighting system

- local repair of sidewalk damages
- vegetation protection
- winter activities for the removal of snow and ice.

*Winter maintenance works (if any) include:*

1. Preliminary works before winter
2. Organization of materials (salt and vehicles) storage locations
3. Protective measures for snow, ice, snow piles and avalanches
4. Organization for 24 information reporting to 24 competent bodies.

• **Segments to be covered by the contract:**

No.	Segment name	Start coordinates	End coordinates	Length	Width
				km	ml
1	Koplik - Boge	42.220126, 19.445693	42.397230, 19.644686	28.9	4
2	Dedaj - Razem	42.290002, 19.530824	42.344889, 19.550638	11.6	4
<b>CONTRACT 1 TOTAL SUM</b>				<b>40.5</b>	

• **Specific condition**

For each case, the segments to be included in investment (reconstruction) or other projects of the Albanian Road Authority will be reduced from the contract.

• **Road signs and safety**

The maintenance of road signs and safety (guardrails) will be focused on repair and upgrade of the existing one.

• **Description of the area where the road is located**

**Koplik – Bogë 28.9 km**

This road segment is part of road no. 21, and connects the city of Koplik with Boge tourist area.

It is a paved segment with one carriageway (width 4ml).

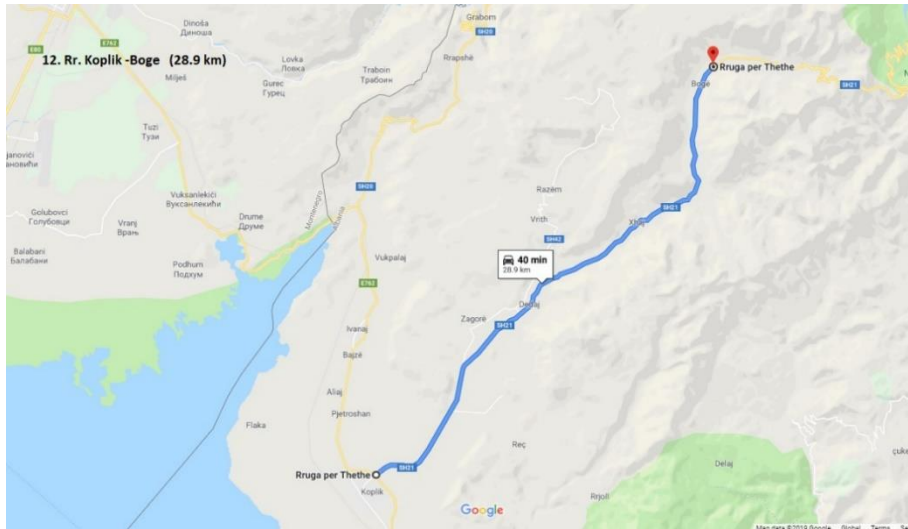
The asphalt layers' conditions are average.

The side ditches and culverts need partial cleaning.

The road signs and safety need ongoing maintenance.

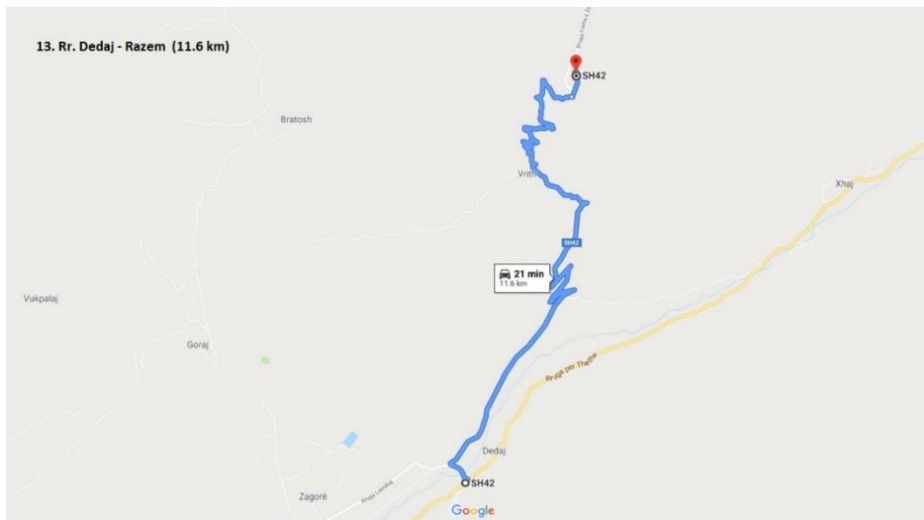
The road lies in a hilly and mountainous terrain and is subject to winter maintenance.

The required level of service is “good”.



**Dedaj – Razem 11.6 km**

This road segment is part of road no. 42, starting in road branch in Dedaj and ending in Razem tourist village. It is a paved segment with one carriageway (width 4ml). The asphalt layers' conditions are average. The side ditches and culverts need partial cleaning. The road signs and safety need ongoing maintenance. The road lies in a hilly and mountainous terrain and is subject to winter maintenance. The required level of service is “good”.



**WORKING GROUP:**

Eng \_\_\_\_\_ Eng \_\_\_\_\_ Eng \_\_\_\_\_