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TENDER

CEEweb for Biodiversity (1021 Budapest, Széher út 40., Hungary, registration no. 1634) makes this Tender for consulting services to be completed by 1/September/2018, to be started in September 2017. Organisations and individual consultants are both eligible to apply.

Subject of the tender: Field-work on verification of ecological corridors

Summary of tasks and activities to be performed: Field work services in term of verification of ecological corridors as part of the Interreg project “Integrated Transport and Green Infrastructure Planning in the Danube-Carpathian Region for the Benefit of People and Nature” (Acronym: Transgreen). The verification should take place in the Hungarian side of pilot area Miskolc-Kosice-Uzghorod. For a brief description of the Project please see Annex 1.

The expected result is to:

Verify designated ecological corridors and their functions through field research.

Tasks and activities to be performed:

- Verify ecological corridors adjacent to planned motorways (M3, M30, M34) in Hungary connected to the HU-SK-UA pilot area, Miskolc-Kosice-Uzghorod based on the Hungarian maps on ecological corridors. The verification should include assessment of potentially occurring animal species in the territory, with attention to protected species including all animal groups (arthropods, amphibians, reptiles, mammals and birds) and assessment of vegetation (on habitat level)
- Put the above findings on map and provide digital GIS data which can be used in different map files
- Rich GIS based photo-documentation and short reports with maps (satellite maps, aerial maps) about field-visits
- Preparation of assessment plans on long-term as well as in short-term before the field-visits together with CEEweb
- Provide contribution on “*In-depth analysis*” which is part of the pilot area report, including verification of ecological corridors
- Provide quarterly technical reports on the experiences made during the process (in English)
- Provide recommendations for “*Catalogue of measures*”, including practical measures for making transport infrastructure safer and environmentally-friendly
- Test some measures from the draft catalogue of measures for making transport infrastructure safer and environmentally-friendly
- Provide recommendations for a monitoring system on ecological corridors



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- Cooperation and data sharing with other experts working on the pilot area and in other project countries (Slovakia, Czech Republic, Ukraine)
- Input and participation in project meetings upon request
- The work includes fieldwork, map analysis, data collection, report compiling and meeting with other experts.

Requirements:

- Work language is English - proficient or advanced English knowledge is preferred
- Work experience with ecological corridor designation and verifications
- Knowledge of the pilot area
- Should have and use their own equipment (cameras, GPS, etc.)
- Experience with GIS data and maps

Timeframe and working days: The work should start in September 2017 and should be completed by 1 September 2018. Assessment in all seasons is required, also in winter due to winter movement of some animal species. Most of the field work should be done between spring and autumn.

Tender conditions and deadline:

The bid shall contain the price for the above tasks, the CV(s) and references of previous experiences in this field. Both individuals and private entities are eligible to apply. Consultants submitting bids will be notified of the decision in the beginning of September.

Organisations and consultants are invited to submit their bids by **31 August, 2017** latest, to:

ohgyi@ceeweb.org

Erzsébet Óhegyi

with the subject line: TRANSGREEN Verification tender

Please do not hesitate to contact the office at +361 398 01 35 or Erzsébet Óhegyi at ohgyi@ceeweb.org if you have any further questions.

Agnes Zolyomi

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ANNEX 1 – Brief project description

TRANSGREEN **Integrated Transport and Green Infrastructure Planning in the Danube-Carpathian** **Region for the Benefit of People and Nature**

Duration: 1 January 2017 – 30 June 2019

Budget: ~ 2.4 Mio EUR, ~ 2.1 Mio EUR co-financed by the EU ERDF

Lead Partner: WWF International Danube-Carpathian Programme

Project Partners: Secretariat of the Carpathian Convention (AT), Friends of the Earth Czech Republic, branch Olomouc, Nature Conservation Agency (CZ), Transport Research Centre (CZ), CEEweb for Biodiversity (HU), Association “Milvus Group” (RO), WWF Danube-Carpathian Programme Romania, National Motorway Company (SK), State Nature Conservancy of the Slovak Republic, SPECTRA – Centre of Excellence of EU – Slovak University of Technology in Bratislava

Associated Strategic Partner: Austrian Ministry for Transport, Innovation and Technology, Ministry of the Environment of the Czech Republic, National Infrastructure Developing Private Company Ltd. (HU), Polish Ministry of Infrastructure and Construction, Romanian Ministry of the Environment, Romanian Ministry of Transport, Republic of Slovenia Ministry of Infrastructure, Ministry of Ecology and Natural Resources of Ukraine, Transcarpathian Regional State Administration – Department of Ecology and Natural Resources (UA)

DTP Programme Area 3: Better connected and energy responsible Danube region

DTP Specific Objective 3.1: Support environmentally-friendly and safe transport systems and balanced accessibility of urban and rural areas

Context - needs and challenges

It is expected that in the Danube region, over the next years, economic growth will pick up which is likely to go hand in hand with massive growth of transportation. This can result in high environmental impact, including loss of biodiversity, as spatial demands for transport infrastructure and the growth of traffic flows cause landscape fragmentation and barriers for wildlife. This situation will lead to conflicts with nature conservation stakeholders. Guidance is needed for project developers, implementers and the nature conservation community for achieving integrated transport planning as prioritized by EU and international legislation to guarantee sound investment.

Project summary

The project aims to contribute to safer and environmentally-friendly road and rail networks in mountainous regions of the Danube Basin with a special focus on the Carpathian Mountains. It will do so by improving planning frameworks and developing concrete environmentally-friendly and safe road and rail transport solutions taking into account elements of Green Infrastructure, in particular ecological corridors. Sharing experience and knowledge will be of great importance. Innovative pilot actions will focus on ecological corridors crossed by EU TEN-T road and rail projects in the Carpathians. An interdisciplinary partnership comprised of planners, economists, engineers, and ecologists will integrate and apply their specific knowledge across the region and cooperate on



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developing Guidelines on integrated transport infrastructure planning, construction, management and monitoring, taking into account aspects of road safety and biodiversity conservation. Partners will also collaborate on the production of ready-to-use methodologies for stakeholder participation processes, training modules on Environmental Impact Assessment with a focus on ecological corridors, and Catalogues of measures for each of the four pilot sites located in Beskydy (CZ-SK), Miskolc-Kosice-Uzhgorod (HU-SK-UA), Tirgu Mures-Iasi and Lugoj-Deva (RO). An intersectorial dialogue will be fostered at the policy level that seeks for mutual understanding and implementation of recommendations towards integrated transport infrastructure planning from the local to the transnational including EU level.

Objectives

The project main objective is to contribute to a safer and environmentally-friendly road and rail network in the Carpathians as part of the wider Danube river basin by integrating Green Infrastructure elements into TEN-T related transport infrastructure development at the local, national and transnational level across relevant sectors. This will contribute to

- (1) Improved plans and planning security for transport infrastructure projects taking Green Infrastructure into account,
- (2) Deepened coordination and cooperation of relevant players across the sectors and across the macro-region, and
- (3) Elaboration and implementation of practical solutions for an environmentally-friendly and safer transport network in the Danube region with a focus on the Carpathian mountains and the TENT-T network.

Project main result

Expected main project result is improved cooperation of the various sectors involved in road and rail transport planning including nature conservation, transport and spatial planning at the local, national and transnational level with the aim of minimising conflicts between transport infrastructure development and environmental protection. It will contribute to the creation of a safer transport network by minimising animal-vehicle collisions and of tools for monitoring collisions in the Danube region with a particular focus on the Carpathians. Policy makers and stakeholders from involved sectors will collaborate more intensively through intersectoral platforms and meetings at the local, national and transnational level.

Activities

- (1) Establish a dialogue mechanism involving relevant stakeholders at appropriate levels, in particular within the transnational/sub-regional context and at the local level in selected pilot areas and raise awareness for the importance of ecological corridors/connectivity;
- (2) Create a scientifically sound knowledge base for decision making as regards integrated transport infrastructure planning across the target region and the selected pilot areas, which includes assessing the state of the art and conducting a gap analysis, and develop guidance documents on integrated transport infrastructure planning through inputs from experience gained in the pilot areas, desk top research, expert knowledge and stakeholder participation;



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(3) Targeted interventions in the selected pilot areas: verify ecological corridors along the motorway infrastructure development area, produce maps with the involvement of spatial planners and other local stakeholders, assess plans and related documents for transport infrastructure development, develop catalogue of measures for the motorway company and recommendations for decision makers involving relevant stakeholders and experts; seek to reach agreement with relevant authorities from the transport and spatial planning sectors, and start implementing measures.

(4) Facilitate policy development and support its integration in relevant TEN-T and Green Infrastructure policy papers at the EU and regional level.

Pilot regions

- (1) Beskydy cross-border region Czech Republic – Slovakia: focus monitoring of transport infrastructure related to ecological corridors / Green Infrastructure
- (2) Miskolc-Kosice-Uzgorod cross-border region Hungary – Slovakia – Ukraine: focus on integrated transport planning taking ecological corridors / Green Infrastructure into account,
- (3) Tirgu Mures – Iasi in the eastern part of the Carpathians in Romania: focus on integrated transport planning taking ecological corridors / Green Infrastructure into account
- (4) Lugoj – Deva in the southern part of the Carpathians in Romania: focus on minimising impact of railway extension on ecological corridors, monitoring of transport infrastructure construction