

REPUBLIC OF BULGARIA

Ministry of Environment and Water

Danube River Basin Directorate – Pleven

Ref. № 1854

Pleven, 13.03.2012

TO

REMOTE SENSING APPLICATION CENTER – RESAC

SOFIA

61 Tsar Asen Street, floor 2

RECOMMENDATION

From: Rumen Penkov, Director of Danube River Basin Directorate

For: implementation of projects:

- Contract No 1/2011 from 16.09.2011 ***“Consulting services for support of Danube River Basin Directorate – Pleven for preparation of Preliminary Flood Risk Assessment”*** and
- ***Services and Applications for Emergency Response – SAFER***, 7FP - under 7th Framework Programme of EC.

From 2009 to 2012 Danube River Basin Directorate was included as a user within project “Services and Applications for Emergency Response under 7th Framework Programme of EC – SAFER Project. From Bulgaria, the partner under the project was Remote Sensing Application Center – RESAC, a participant in work packages under “Flood Risk Management” and “Mapping of assets – for assessing the risk of natural disasters”.

During the project, Remote Sensing Application Center – RESAC prepared and provided to the Directorate, maps of past floods, flood hazard maps and flood risk maps for pilot areas of the Directorate. RESAC also participated in the establishment of Basic European Assets Map – information which was of great use for Directorate later during the preliminary flood risk assessment.

The work of RESAC is highly assessed as using the most modern technologies in the field of satellite technologies and Geographic Information Systems as well as the risk assessment together with other foreign partners succeeded to establish an important information base which to be used in operational work of the Directorate in connection with determination of food hazard and flood risk. It should be noted that the project SAFER is part of the European Programme Global Monitoring of Environment and Security (GMES) as well as the products provided by the project are compatible with the requirements of Directive INSPIRE.

From September 2011 to January 2012, RESAC has implemented Contract No 1/2011 **“Consulting services for support of Danube River Basin Directorate – Pleven for preparation of Preliminary Flood Risk Assessment”**. The subject of contract included tasks within Danube Region related to: significant past floods assessment; potential future floods assessment, including assessment of the factors, affecting their occurrence; and determining indicative areas of potential significant flood risk pursuant to Art. 146d of the Water Act. The establishment of criteria for significance of past, future floods as well as a proposal for such ones for indicative areas of significant flood risk were included in these tasks.

The Contractor – RESAC – executed the contract services with necessary quality, high professionalism and on time for which we issue the present recommendation. It should be noted that within this project the experience and information from the contractor under European project SAFER were applied successfully for more detailed assessment taking into consideration the local features of flood risk for the region of DRBD. Together with detailed project reports, RESAC prepared for the Directorate specialized GIS database (in compliance with Directive INSPIRE) which will serve in future tasks of the Directorate under Directive 2007/60/EC regarding the flood risk assessment and flood risk management. An important part of the implementation of the project was the establishment of flood hazard maps and flood risk maps as RESAC prepared over 150 such maps for region of DRBD.

RUMEN PENKOV

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Director of Danube River Basin Directorate – Pleven

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