

Questions and answers

Installation of RODOS System in the Republic of Croatia

1. Publication reference

EuropeAid/125082/D/SUP/HR

2. Procedure

Open

3. Programme

Phare 2005

4. Financing

Croatia 2005 Phare National Programme

5. Contracting authority

Ministry of Finance of the Republic of Croatia, Central Finance and Contracting Unit

QUESTIONS	ANSWERS
Date. 11 September 2007	Date. 13 September 2007
1.1. Main possible source of radioactive contamination, Krško NPP, lies very close to Zagreb in the neighboring Slovenia. Krško NPP has its own radiological monitoring system with 4 meteorological stations, 13 field points for measuring the exposed gamma dose rate and wind profiler - SODAR; are data from this system to be on-line provided to the RODOS?	Yes
1.2. Are there any other Slovenian data (from meteorological stations near the border or from the near-border monitors of Radiological early warning system of Slovenia) to be obtained?	No
1.3. If so, who will co-ordinate interstate communication?	State Office for Nuclear Safety (SONS)
1.4. Does this include on-line access to the plant process network?	No
1.5. The same applies to Hungary for Paks NPP. Shall Paks (or other near-boarder Hungarian) meteorological and radiological data be implemented?	No
2. In case of the affirmative answer to the previous question, does it mean that contractor shall obtain also all legal permissions and cover costs for work and necessary data preparation / data transmission equipment in foreign countries?	Yes
3.1. Are source terms for Krško / Paks to be modified from standard RODOS library data?	Yes
3.2. Are there any other possible source terms on the territory of Croatia?	No

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<p>4. Croatian Early warning system and DHMZ are sources of the ambient radioactivity and meteorological real time data. Is it possible to get an explanation on the number and locations of the automatic measuring points?</p>	<p>Croatian Early Warning System consists of 12 gamma monitoring stations, central computer for data collection/storage (located at SONS) and communication links. The locations are: Bilogora, Dubrovnik, Osijek, Sv.Kriz, Strigova, Marjan, Klanjec, Batina, Ucka, Kapovac, Stojdraga and Maksimir.</p> <p>DHMZ is provider of forecast meteorological data only.</p>
<p>5. Could the relevant providers in Croatia be listed for:</p> <ul style="list-style-type: none"> ▪ geographical data (objects, communications, water area, rivers, ...) ▪ land-use data ▪ production (agricultural) data ▪ population data ▪ elevation data (digital orography) 	<ul style="list-style-type: none"> • State Geodetic Directorate • Croatian Environmental Agency and Central Baureau of Statistics • Central Baureau of Statistics • Central Baureau of Statistics and State Geodetic Directorate • State Geodetic Directorate
<p>6. To what extend the warranty applies outside the warranty for the equipment? Since RODOS is a live project, developed and compiled from multiple sources, contractor has no influence on the RODOS code. Also, contractor can not be responsible for the availability, extent, consistency, and quality of the data, provided for the customization from the state sources. The contractor must be protected against claims from the beneficiary, concerning the operation of the system, arising from the above mentioned facts.</p>	<p>In case of malfunction related to the RODOS code itself or to any other project implementation tasks, the contractor shall take all necessary steps to put the system into normal operation (including on-site intervention if needed) in the period of 12+24 months.</p>
<p>7. ANNEX II+III Technical Specification – Supply of Equipment</p> <p>In the Table of Technical Specification, Item 1 by HDD description, there is 3x144(147) GB SCSI in RAID-5.</p> <p>Question: Instead of this specific SCSI discs can we put 3x147 GB SAS (serial attach SCSI)?</p>	<p>Yes</p>
<p>8. ANNEX II+III Technical Specification – Supply of Equipment</p> <p>In the Table of Technical Specification, Item 1 by HDD description, there is 36/72 Tape Backup</p> <p>Question: 36/72 Tape Backup it is a Tape for backup data but under HDD specification description. It is a mistake, or our offer must include the 36/72 Backup Tape?</p>	<p>It is not mistake!</p>

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9. ANNEX II+III Technical Specification – Supply of Equipment

In the Table of Technical Specification, Item 2, Processor description, there is Intel Core 2 Duo or AMD – 2 GHz

Question: Instead of Intel Core 2 Duo™ can our offer include any of AMD AM2 processor up to 2GHz (Sempron, Athlon, X2 Athlon)?

Yes