***Request for delivery of Monitoring System to be used for tensile and compression control and structural elements displacement monitoring (Structural Health Monitoring system)***

***Contact information***

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| --- | --- | --- | --- |
| Facility: |  | Name of the contact person: |  |
| Address: |  | Job title: |  |
| Fax: |  | E-mail: |  |
| Phone: |  | Mob. phone: |  |

***General information about the facility***

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| --- | --- |
| Name of the facility: |  |
| Operating Company: |  |
| Location of the facility: |  |

***Facility information***

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|  | Monitoring object type: |  |
|  | Category of Structure’s condition: |  |
|  |  | (1-good; 2-satisfactory;  3– unsatisfactory; 4 – dilapidated) |
|  | Number of floors: |  |
|  | Square: |  |
|  | Height of the building: |  |
|  | Basement floors (yes/no, description): |  |
|  | Simulation (computer) model or 3-D STL-model of the facility: |  |
|  |  | (yes/no) |
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|  | Information about monitoring sub-systems: |  |
|  | Sub-system type  (the parameters to be controlled) | Is the sub-system required? (yes/no) |
|  | Tensile-compression monitoring of the facilities, structural elements displacement control (tension/compression, bending, displacement) |  |
|  | Tilt monitoring of buildings and structures (displacement, tilt) |  |
|  | Intrinsic oscillations and damping ratio monitoring of the facility (acceleration, intrinsic oscillations frequency, damping ratio) |  |
|  | Foundation subsidence monitoring (displacement) |  |
|  | Seismic impact level monitoring  (pressure, temperature, noise) |  |
|  | Monitoring of the seismic impact consequences  (acceleration, duration) |  |
|  | Suggested temperature conditions of system operation: |  |
|  | Universal timing function: |  |
|  |  | (yes/no) |
|  | Visual representation of the system at the WKS of the operator: |  |
|  |  | (yes/no) |
|  | Necessity of synchronizing the system with other technological systems or processes (including data protocol, throughput capacity of the communication channel, Mbps): | |
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|  | Technical conditions of synchronizing the monitoring system with the dispatching department (e.g., subdivision of SES) (including the data communication protocol, throughput capacity of the communication channel, Mbps): | |
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|  | Technical requirements for the development of communications and monitoring systems in terms of emergency situations: | |
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| **Full name** |  | **Signature** | **Date** |