

BX-E-3637/27.05.2024r.

**Kozloduy NPP" EAD, Sofia.  
Bulgaria. 3321.**Date: May 27, 2024  
Letter No: LTR-EMEAS-MKG-24-610**Subject: Budgetary Offer for Provision of specialized services for proof of seismic resistance of electrical components and small-scale electrical equipment for installation in Kozloduy NPP EAD using an experimental method (test) or an analytical method**

In response to your market consultation request, Tecnatom SAU, a Westinghouse Group Company, is pleased to provide the following budgetary offer to provide services for seismic testing and analysis for components to be installed at Kozloduy NPP.

**SCOPE**

The budget for this market consultation is based on:

- Preparation of a Program and methodology for proving the seismic resistance of electrical components and small electrical equipment (components for qualification) intended for installation in systems important for safety at Kozloduy NPP EAD.
- Performance of analyses to demonstrate the seismic resistance of components for qualification.
- Performance of tests to prove the seismic resistance of components for qualification according to the Program and methodology agreed with the Contracting Authority.
- Preparation of a seismic qualification report and a protocol with the conclusion of the seismic qualification of the components performed.

**CAPABILITIES & REFERENCES**

Westinghouse – Tecnatom S.A.U., hereinafter Westinghouse, has been involved in Class 1E equipment seismic and environmental qualification activities for more than 35 years, having achieved significant experience and references with all the Spanish NPP and different clients worldwide.

Significant experience has been gained over the years through engineering and testing activities performed for an extensive number of equipment and applications.

Equipment tested includes a broad range of safety electrical, I&C and mechanical items of a NPP.

Westinghouse has the required equipment, knowledge and resources to perform the activities referred in the scope of this budgetary offer.

## PRICES

Prices for the activities included in this market consultation are the following:

- Seismic Testing by Analysis
  - o Hour Cost Rate → 222 €, for Senior Engineer to perform Seismic Qualification by Analysis using Ansys code
  - o Hour Cost Rate → 177 € for Level 2 Engineer to perform Seismic Qualification by Analysis using Ansys code
  - o Estimated budget for a Seismic Qualification by Analysis → 66,732.0€
- Seismic Qualification by Testing in table 1.2x1.2 → 70,740.0€
- Seismic Qualification by Testing in table 2.5x2.5 → 85,696.0€

The estimated price identified in this response to your request is for budgetary purposes only and does not form the basis of any valid offer from Westinghouse. If after reviewing this information you are interested in pursuing this purchase, Westinghouse would be pleased to provide you with a formal offer, including a specific technical description, commercial description, and appropriate terms and conditions.

Thanking you for your attention in considering this offer, we remain at your disposal for any questions or clarifications you may need in this regard.

Kind regards,

Digitally signed by  
Заличено на основание ЗЗЛД

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