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Madrid, Spain

Kozloduy Nuclear Power Plant
Kozloduy 3321
Bulgaria

Date: October 8, 2026
Letter No.: LTR-EMEAS-MKG-26-517
REV.0

Opportunity No.: 10148393

To Commercial Department.

Westinghouse ROM for the 'Supply of a system for eddy current testing, ultrasonic inspection, and the installation and removal of mechanical plugs on the heat exchanging tubes of ПГБ-1000M-type steam generators'

Dear Sir/Madam:

In response to your request, Westinghouse Nuclear Spain, S.A.U., (Westinghouse), is pleased to provide this Rough Order of Magnitude (ROM) estimate for the Supply of a system for eddy current testing, ultrasonic inspection, and the installation and removal of mechanical plugs on the heat exchanging tubes of ПГБ-1000M-type steam generators of Kozloduy.

Scope Summary

The scope of supply is shown in Attachment 1.

Delivery time

The equipment detailed in the scope will be delivered 18 months from the date of the contract award.

Rough Order of Magnitude (ROM)

The pricing identified in this Rough Order of Magnitude (ROM) estimate is a high-level projection based on limited project information. The level of accuracy for this ROM is highly variable and the ROM information provided herein should not be used for project budgeting and is intended only in the context of preliminary feasibility studies or similar preliminary business planning. This ROM does not form the basis of any valid offer from Westinghouse.

If after reviewing this information you are interested in further exploring a purchase, Westinghouse would be pleased to work with you to obtain the necessary inputs to provide you with a formal offer, including a specific technical description, commercial description, and appropriate terms and conditions.

The ROM for the scope of supply described herein is comprised between **6.199.365,00 € to 14.465.185,00 €**.

The above ROM is exclusive of VAT and any applicable sales taxes.

Quality Assurance

Westinghouse provides items and services in accordance with the Westinghouse Electric Company Management System. The Quality Management System has been developed to comply with the statutory, regulatory, and industry requirements as applicable to the items and services Westinghouse provides. The Westinghouse Management System meets the quality control and quality assurance requirements of many nuclear industry and international standards, including the United States Nuclear Regulatory Commission 10 Code of Federal Regulations (10CFR) 50, Appendix B and the latest edition of ISO 9001.



Proprietary Information

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In summary, Westinghouse is pleased to have the opportunity to support Kozloduy in the supply of equipment for the SG inspection. In the meantime, should you have any questions regarding this ROM, please feel free to contact me.

Yours sincerely,

Martin Radtke Gaeta *
Sales Engineer
martin.radtkegaeta@westinghouse.com

39726296Y
SERGI MILA (R:
A28074078)

Digitally signed by
39726296Y SERGI
MILA (R: A28074078)
Date: 2026.10.09
10:19:03 +02'00'

Sergi Milá *
General Manager

* *Electronically approved records are authenticated in the electronic document management system (PRIME)*

Attachments:

[1] Scope of supply

Attachment 1

SCOPE OF SUPPLY

The detailed scope of the supply is as follows:

Equipment & Software:

- 4 Manipulators providing vertical and rotational movement relative to the tube sheet, able to run dual probe pushers.
- 8 Pushers for moving the probes along the length of the heat exchanging tubes
- 2 Modules for eddy current testing, bobbin and ПНВ-2/ПНВ-3 rotary probe.
- 1 Ultrasonic inspection module for welded joints No. 35/Z (between the collector flange and the tube sheet, and between the tube sheet and DN 850).
- 4 units of Audio/Video system, including surveillance and guide tube cameras.
- 1 Module for installing mechanical plugs, integrated in the manipulator.
- 1 Module for removing mechanical plugs (manual operated).
- 5 ETBox8i Eddy Current instruments (compatible with Bobbin, RPC, 8x1 pancake/+Point).
- 1 OMNI Eddy Current instrument (compatible with X-Probe probes).
- 2 SONIA multichannel Ultrasonic instrument (32/128 PAUT).
- 4 Control boxes for motion & pneumatic system control of manipulator and pushers.
- 5 workstations with integrated software for manipulator, probe motion and eddy current acquisition control, including TEDDY-ACQ software.
- 1 workstation with ANSER acquisition software for X-Probe.
- 1 portable workstation with INSPECT VIEW ultrasonic acquisition software.
- 1 workstation with installing and removing mechanical plugs software.
- 12 workstations with TEDDY-EVA analysis (Bobbin + RPC).
- 1 workstation with ANSER analysis software for X-Probe.
- 1 workstation with INSPECT VIEW ultrasonic data analysis software.
- 1 workstation with TEDDY-EVA Resolution software
- 1 workstation with SIRIO.NET Data Management software, including Calboard application.
- 5 Licences of TEDDY-ACQ software for acquisition of Bobbin and RPC eddy current data, including automatic acquisition mode with inspection plan, integrated with the manipulator and pusher movement. (Teddy data format - Not compatible with Eddynet data format)
- 1 Licence of ANSER software for acquisition of X-Probe data.
- 2 Licences of INSPECT VIEW Ultrasonic acquisition and analysis software (Not compatible with *.RDT, *.DAT, *.UVData, *.UVSetup data format)
- 1 Licence of installation and removal of mechanical plugs software.

- 12 Licences of TEDDY-EVA software for analysis of Bobbin and RPC eddy current data (Teddy data format - compatible with Miz-30 data format).
- 1 Licence of ANSER software for analysis of X-Probe eddy current data (compatible with Miz-30 data format).
- 1 Licence of TEDDY-EVA Resolution software for analysis of Bobbin and RPC eddy current data (Teddy data format - compatible with Miz-30 data format).
- 1 Licence of SIRIO.NET Data Management software, including CalBoard.
- Shipping cases and boxes type 7A

Technical Documentation:

- Manipulator and pushers mechanical design and assembly drawings package
- Electrical schematics and connection diagrams package
- Pneumatic and hydraulic schematics package
- Control box electric diagram and assembly package
- Maintenance and repair manuals package
- User manual for the operation of the system
- User manual for eddy current acquisition, analysis and resolution software
- User manual for data management software
- User manual for ultrasonic acquisition and analysis software
- Procedure for plug installation and removal

Training and Outage Support:

- Training program approved by Kozloduy
- Complete training on the operation and maintenance of the supplied equipment and software at the Kozloduy facilities, using mockups provided by Kozloduy.
- Outage support of 3 specialists (1 mechanic, 1 electronics & 1 SW) for 2 years, 2 outages per year.

Spare components:

- 4 electric motors of each type integrated in the manipulator.
- 4 pneumatic cylinders of each type integrated in the manipulator.
- 2 sets of pusher's spare parts.
- 6 units of SlipRing (4-pin).
- 4 units of SlipRing (36-pin).
- 1 set of Audio/Video system main components.
- 4 sets of Electrical connectors
- 4 sets of Pneumatic connectors.

- 20 sets of Rubber rollers.
- 20 sets of Bearings for the pushers.
- 8 units of Probe drums.
- 4 sets of Specialised maintenance tools.
- 1 set of Pusher and Manipulator control box main components.
- 1 set of Plug installation and Plug Removal modules main components

Йотова, Цветелина А.

From: Добрева, Мануела К.
Sent: 12 октомври 2026 г. 8:16
To: Йотова, Цветелина А.
Subject: Препр.: ПАЗАРНА КОНСУЛТАЦИЯ № 58728: „Доставка на система за вихровотоков контрол, ултразвуков контрол, поставяне и демонтиране на механични тапи на топлообменните тръби на парогенератори тип ПГВ-1000М”
Attachments: SIGNED LTR-EMEAS-MKG-26-517_Revision_0.pdf

От: Михайлова, Веселина А.
Изпратено: 12 октомври 2026 г. 8:15:45 (UTC+02:00) Хелзинки, Киев, Рига, София, Талин, Вилнюс
До: Добрева, Мануела К.
Як: Александров, Пламен Г.; Лазарова, Милена Т.
Тема: FW: ПАЗАРНА КОНСУЛТАЦИЯ № 58728: „Доставка на система за вихровотоков контрол, ултразвуков контрол, поставяне и демонтиране на механични тапи на топлообменните тръби на парогенератори тип ПГВ-1000М”

BX-E-6728/12.10.2026

From: Pironkov, Ivan <pironki@westinghouse.com>
Sent: Friday, October 9, 2026 4:42 PM
To: commercial <commercial@npp.bg>
Cc: Mostecký, Miloš <Milos.Mostecky@westinghouse.com>; Radtke Gaeta, Martin <martin.radtkegaeta@westinghouse.com>
Subject: ПАЗАРНА КОНСУЛТАЦИЯ № 58728: „Доставка на система за вихровотоков контрол, ултразвуков контрол, поставяне и демонтиране на механични тапи на топлообменните тръби на парогенератори тип ПГВ-1000М”

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Westinghouse Proprietary Class 2

Уважаема г-жо Красиминова,

С настоящето писмо Ви представяне на индикативно предложение по пазарна консултация № 58728.

Поздрави,

Иван Пиронков

Управител

Уестингхаус България

1766 София, Младост 4,

ул. „Бизнес Парк София” 1, сграда 8А, етаж 7

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