



Изх.№ 01/0002 от 13.02.2025 г.

До:
«АЕЦ Козлодуй» ЕАД
3321, гр.Козлодуй
обл. Враца
e-mail: commercial@npp.bg

Тема: индикативно предложение към пазарна консултация № 57652

Уважаеми дами и господа,

Във връзка с горечитираната покана, относно провеждане на пазарни консултации на основание чл. 44 от ЗОП, Ви предоставяме нашето

ИНДИКАТИВНО ПРЕДЛОЖЕНИЕ

за «Доставка и внедряване на софтуер за имплантиране на вихровотокови сигнали от дефекти във вихровотокови сигнали от тръба», което включва:

1. Обща стойност за изпълнение на дейности, описани в Техническа спецификация за доставка и внедряване на софтуер за имплантиране на вихровотокови сигнали от дефекти във вихровотокови сигнали от тръба към пазарна консултация № 57652 – 163 610,00 (сто шестдесет и три хиляди шестотин и десет) евро, без ДДС.
2. Начин на плащане – до 30 дни, след факта за подписване на Акта за пълно изпълнение на договора.
3. Условие за доставка – «АЕЦ Козлодуй ЕАД», DDP.
4. Срок за изпълнение: до 6 месеца, гаранционен срок – 24 месеца, срок на годност – до 10 години.
5. Подисполнител: CNNC Wuhan Nuclear Power Operation Technology Co., LTD.
6. Лице за контакти – Петро Безпалчук (e-mail: office@mrcpm.bg, телефон мобилен: + 359-87-654-9255, +38-096-151-7292).

Ръководител
«ИПК и УП» ЕООД

Petro
Bezpalchuk

Подписано
цифровой подписью:
Petro Bezpalchuk
Дата: 2026.02.13
11:32:38 +02'00'

Петро Безпалчук



Превод от английски език

ЧАЙНА НЮКЛИЪР ПАУЪР ОПЪРЕЙШЪН ТЕКНОЛЪДЖИ КОРПОРЕЙШЪН, ЛТД
/CHINA NUCLEAR POWER OPERATION TECHNOLOGY CORPORATION, LTD./

№ BMD/OFFER/DOC/20260206001

**Удостоверение
за официален представител**

С настоящото удостоверение Чайна Нюклиър Пауър Опърейшън Текнолџи Корпорейшън, Лтд. (CNPO), от името на Президента г-н ЛИУ Хонгюн, регистрирано в: Китайска народна република, пощенски код: 430223, Минзу Авеню № 1021, Високотехнологична зона „Ийт-лейк“, Ухан, Хубей, социален кредитен код: 9142 0100 7997 9498 XF, предоставя правото за представителство на неговите продукти на дружеството „ИПК и УП“ ЕООД, регистрирано в Козлодуй (Република България, БУЛСТАТ 203505522), в следните държави: Република Армения, Република България и Украйна.

Дружеството „ИПК и УП“ ЕООД получава званието:

Официален представител

С настоящото потвърждаваме нашата пълна гаранция по отношение на услугите, предлагани от нашето дружество.

Моля, имайте предвид: версията на английски език на представените документи е официална, а версията на български език е само за справка.

Това упълномощаване е в сила до 30 декември 2028 г.

Президент

Име: ЛИУ Хонгюн [подпис]

(Име и подпис)

[подпис – не се чете] [кръгъл червен печат]

*Долуподписаният, Борис Христов Стойчев, удостоверявам верността на извършения от мен превод от английски на български език на приложения документ. Преводът се състои от 1 (една) страница.
Преводач: Борис Христов Стойчев*

Заличено на основание ЗЗЛД





中核武汉核电运行技术股份有限公司
CHINA NUCLEAR POWER OPERATION TECHNOLOGY CORPORATION, LTD.

NO. BMD/OFFER/DOC/20260206001

Certificate

Of Official Representative

With this certificate, Company China Nuclear Power Operation Technology Corporation, Ltd. (CNPO), in the person of the President **Mr. LIU Hongyun**. Registered at: People's Republic of China, Post code: 430223, 1021 Minzu Avenue, East-lake High-Tech Zone, Wuhan, Hubei, with Social Credit Code - Ne 9142 0100 7997 9498XF, gives the right to represent its products to Company "ИПК I UP EOOD" (ИПК и УП EOOD), registered in Kozloduy (Republic Bulgaria, БУПСТАТ 203505522), in the following countries: The Republic of Armenia, The Republic of Bulgaria and Ukraine

Company "ИПА I UP EOOD" (ИПК и УП EOOD) receives the status:

Official Representative

We hereby confirm our full warranty in respect of the services offered from our company.

Please Note: English version of documents submitted are official, and the Bulgarian language version is only for reference. This authorization is valid until **30 December 2028**.

Заличено на основание ЗЗЛД

Name: LIU Hongyun, President





中核武汉核电运行技术股份有限公司
CHINA NUCLEAR POWER OPERATION TECHNOLOGY CORPORATION, LTD.

Date: 06 February 2026

Reference: BMD-O-20260206001

Technical Specification
of
Software for Implanting Eddy Current
Testing Signals of Defects in Eddy Current
Testing Signals
From a Pipe

Date: 06 February 2026

Name and Signature: YU Jingsheng
Deputy Director of International Business Department

Заличено на основание ЗЗЛД

(Signature and Official Seal)



1. General Description of CEddy software

The CEddy system was developed by China Nuclear Power Operation Technology Corporation , LTD., and is mainly used for eddy current testing of nuclear power plant heat exchange tubes. The entire software includes dozens of sub-software such as data remote transmission system, eddy current signal acquisition system, signal auto analysis system, profiles measurement software, signal-to-noise ratio automatic measurement software, inspection plans management software and automatic analysis. These subsystems can be adapted to the needs of nuclear power plant SG testing.

Since its release in 2010, the CEddy system has been widely used in eddy current testing of steam generator heat exchanger tubes in nuclear power facilities in China. At present, more than 60% of steam generator heat exchanger tubes in China are tested by CEddy. The system can support BOBBIN and MRPC , ARRAY probe detection, analysis module can detect and analyze various types of heat exchanger defects, including defect detection, contour curve measurement, automatic noise measurement, scaling measurement, etc., rule-based automatic measurement of heat exchange tube defects Is being gradually applied to the scene.

Basic functions of CEddy Software: Modules such as eddy current data analysis, signal display, signal measurement, signal calibration, signal processing, and report establishment.

2. Operation Requirements

CEddy Analysis is an analysis software of eddy current data. It must be installed in a computer with pre-installed Microsoft Windows operating system.

2.1 Hardware requirements:

- ✓ 1GHz or above processor
- ✓ 512MB or above memory
- ✓ 40GB or above hard drive
- ✓ DirectX 9.0c 64MB or above graphics card
- ✓ Three-button mouse

2.2 Software requirements:

- ✓ Operating system Windows 7/ Windows 8/Windows 10
- ✓ Hardware programming interface DirectX9.0c April

In accordance with MARKET CONSULTATION No. 57652, we make the following response:

- To visualize the signal from the pipes and calibration standards;

Ceddy software has the display of heat transfer and calibration tube signals, which can be shown by the long strip diagram, which is shown by the rotating probe and array probe, and the c scan is shown.

- To allow signal calibration from calibration standards;

The CEddy software has a calibration function.

- To allow selection of any signal portion from a pipe or calibration unit. - The selected signal

to be able to mix with a signal from a random section of another pipe;
 CEdly software can support above function.

- Scaling and rotation may be applied to the selected signal, before mixing;
 CEdly software can support above function.

- The mixing should not change the number of signal reports from the target pipe;
 CEdly software only fuses the detection data files and does not modify the report files.

- Saving changes to a file should not change the file format;
 When CEdly software fuses detection data, it will retain the format of the original data unchanged and only modify the detection data of the channels.

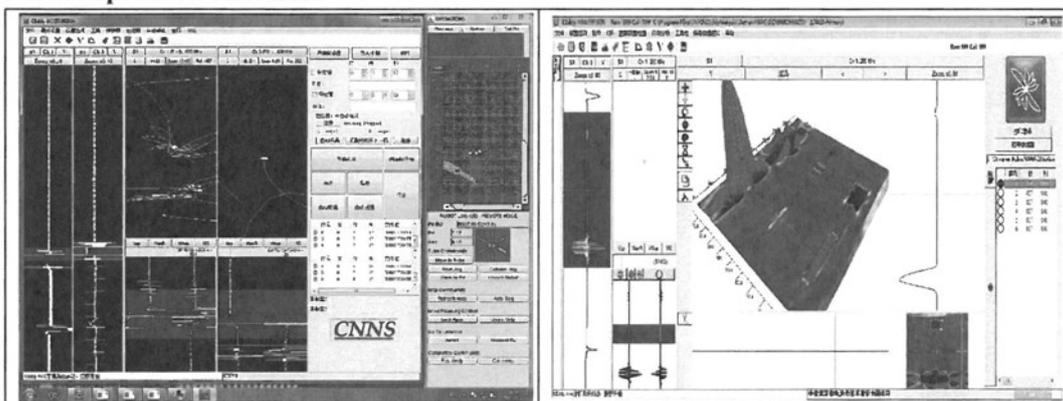
- The software must support data from the following techniques: 'Bobbin', 'MRPC', '+Point', 'Array' and 'X-Probe';
 The CEdly software can support that the signal fusion methods of different probes are essentially the same.

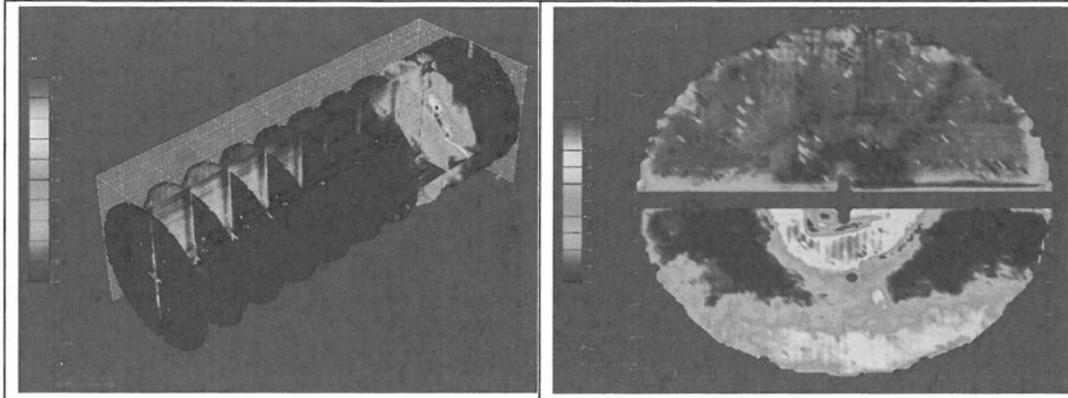
- The software must support at least the following eddy current testing data formats: MIZ-30 and MIZ-85;
 The CEdly software can support the data format parsing and processing of the MIZ series.

- If there is software license protection, it must allow the license transfer from one workstation to another without intervention by the manufacturer;
 CEdly software is protected by dongles and can support the operation of CEdly software on different computers.

- The software interface must be in English.
 CEdly software is a dual-language software with both Chinese and English interfaces.

Partial operation interface:





3. Proposed planning schedule

No.	Date	Activities
1	T0	Sign the Contract
2	T0+6	Delivery to the Purchaser

4. Warranty Period

CNPO will provide 3 years warranty service, included free online guided installation service and user guide service.

5. Supporting documentation

User Manual in English will be delivered with Software.