

КЛИЕНТ: „АЕЦ Козлодуй“ ЕАД**На вниманието на:**

Христо Пачев

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ИНДИКАТИВНА ОФЕРТА**ОТК – 179 / 31.05.2022****ОТНОСНО:** Доставка и монтаж на монитори „ръце-крака“ в КЗ на ЕП-2.**Уважаеми господин Пачев,**

Във връзка с Покана за Пазарна консултация № 49258 и Техническо задание № 21.ЕП-2.ТЗ.930, Тита-Консулт ООД Ви представя следната индикативна Оферта:

№	Описание	Каталожен №	К-во [бр.]	Ед. цена в лева без ДДС	Обща цена в лева без ДДС
1	Монитор за контрол на повърхностно замърсяване на стъпала, ръце и тяло Nuvia HFC BaseLine DB. - 4 броя детектори за ръце с размер 340 кв.см. - PL-340; - 2 броя детектори за ръка с размер 590 кв.см. - PL-590; - десен детектор за ръка позволява измерване на тяло; - в съответствие с IEC 61098.	11010115	5	53 000.00	265 000.00
2	Резервен детектор PL-340	12007262	5	5 000.00	25 000.00
3	Резервен детектор PL-590	13000132	5	8 500.00	42 500.00
4	Резервно майларово фолио	31050235	45	100.00	4 500.00
5	Четец за карти - пропуска за АЕЦ "Козлодуй" ЕАД		10	600.00	6 000.00
6	Комплект резервни части за 2 години		1	3 000.00	3 000.00
7	HFC Софтуер	11006036	1	10 000.00	10 000.00
Общо: Триста петдесет и шест хиляди, 00 лева без ДДС					356 000.00

ПРИЛОЖЕНИЯ:

1. Брошура на Nuvia HFC – оригинал;

- | | |
|--|--|
| 1. Условия на доставка | DDP „АЕЦ Козлодуй“ ЕАД |
| 2. Срок на доставка | До 6 месеца |
| 3. Гаранционен срок | 24 месеца |
| 4. Начин на плащане | До 30 календарни дни от датата на приемане на доставката |
| 5. Точен адрес | гр. София 1164, бул. „Джеймс Баучер“ № 5А |
| 6. ЕИК | 831508563 |
| 7. ИН по ДДС | BG 831508563 |
| 8. Банкови реквизити | Уникредит Булбанк АД, гр. София, пл. „Света Неделя“ № 7 |
| 9. ВИС | UNCRBGSF |
| 10. Банкови сметки | В лева: BG13UNCR76301008140309 |
| 11. Валидност на офертата | 60 календарни дни |
| 12. Сервизно обслужване | Тита-Консулт ООД в качеството си на официален представител на NuviaTech Instruments осигурява гаранционен и извънгаранционен сервиз. |
| 13. Съпроводителна документация | <ul style="list-style-type: none">- Декларация за произход;- Декларация за съответствие;- Протоколи от извършени заводски изпитания;- Декларация за електромагнитна съвместимост;- Ръководство за експлоатация на български език;- Инструкция за проверка и калибриране на мониторите;- Гаранционни карти; |

Надяваме се нашата Оферта да Ви удовлетворява!
За допълнителни въпроси оставаме на Ваше разположение!

УПРАВИТЕЛ:

/Я. АНДРЕЕВ/

HFC

Hand-foot-clothing contamination monitor with plastic scintillation detectors



Radioactive contamination can occur anywhere where open radioactive sources are used. NUVIA Tech's HFC enables people to monitor themselves leaving the work area to ensure they are free from contamination protecting both themselves and the environment. Our HFC-monitors are available in various models and versions, all made by NUVIA.

Benefits

- Plastic Scintillant technology for completely gas-free detectors
- Simultaneous measurement of α - and β/γ - radiation
- Detachable hand probe means no additional frisker probe required
- Background measurement and subtraction
- User-friendly interface via touch screen
- Network-compatible

Key figures

2-6 → detectors

6 → models available

43-94 cm
→ system width

6 basic models



BaseLine

Our HFC BaseLine model meets all expectations for a user-friendly handfoot- clothing contamination monitor. Like all our HFC models it can be upgraded with a number of options (see below) and adapted to individual requirements.



SlimLine

The HFC SlimLine with hand detectors integrated in the front panel is ideal for the use in small areas. Optional transport wheels and a handle allow the system to be easily relocated. Like the BaseLine model, it is available with single or double hand detectors. You can even choose between vertically or horizontally mounted hand detectors



TrendLine

The HFC TrendLine incorporates the industry proven and well known HFC technology in an elegant housing. The state-of-the-art PC technology with large touch-screen allows intuitive operation and provides virtually unlimited networking and data transfer options, as well as connection of printers, transponders or card readers.



CrossLine

The HFC CrossLine is designed as a walk-through monitor. Like all our HFC monitors it has output relays available for door controls or other interlocks to ensure everyone is free of contamination before leaving the area.



EcoLine

The HFC EcoLine is a compact, cost effective solution in case only the hands need to be measured. This model is based on the same technology and electronics as the entire HFC line.



HeadLine

The industry proven HFC BaseLine is the basis of the new HFC HeadLine. Its additional head detectors add a further level of comfort and reassurance for both the operator and their employer.

Product Specifications

- Innovative detector technology based on thin-layer plastic scintillation detectors
- No gas-filled or gas-flushed detectors, low operating and maintenance costs
- Simultaneous, selective α - and β/γ -contamination measurement, no need to change detectors
- Measuring system automatically detects and indicates whether α -radiation is present
- PC-based measuring electronics
- User-friendly interface, large-area colour touch display
- Nuclide selection menu, user-configurable
- Personal-related measurement via selection menu, card, barcode or transponder
- Hand probe detachable for clothing measurement, no additional frisker probe required
- Integrated calibration software (auto-calibration)
- Ergonomic housing design with stainless steel front
- Network-compatible
- Software available for data administration and parameter setting
- Calibration according to DIN ISO 7503 or DIN 25482
- **Optional:** detection limit calculation according to DIN ISO 11929

Versions

Our HFC monitors are available in various versions. You can select the number and position of the hand detectors as well as the size of the foot detectors. The following table lists the different options per model. The combination of the letters shows the version.

Example: BaseLine HF is the BaseLine model in the version with 2 hand detectors and 2 normal foot detectors.

Model	2 hand horizontal	4 hand horizontal	4 hand vertically	2 feet normal	2 feet bigfoot	Model	Transport wheels	Transpond.	Admin software	Special card reader /barcode
BaseLine	H	D	V	F	B	BaseLine	✓	✓	✓	✓
SlimLine	H	D	V	F	B	SlimLine	✓	✓	✓	✓
TrendLine	H	D		F	B	TrendLine	✓	✓	✓	✓
CrossLine			V	F	B	CrossLine		✓	✓	✓
EcoLine	H				B	EcoLine		✓	✓	✓

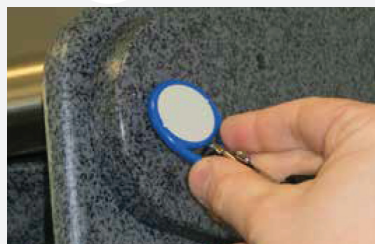
Radionuclide efficiency for hand detector (average values from measurements with 100 cm ² sources)			
Am-241 α	20%	K-40	30%
Au-198	23%	P-32	25%
C-14	13%	Pu-238 α	12%
Cl-36	42%	Re-188	20%
Co-57	8%	S-35	5%
Co-60	30%	Sr-90 / Y-90 (based on Sr-90)	46%
I-123	7%	Tc-99 m	4%
I-125	12%	Tl-201	6%
I-131	20%	Tl-204	23%

Radionuclide efficiency for foot detector (average values from measurements with 100 cm ² sources)			
Am-241 α	13%	K-40	18%
Au-198	14%	P-32	15%
C-14	6%	Pu-238 α	7%
Cl-36	27%	Re-188	12%
Co-57	5%	S-35	3%
Co-60	17%	Sr-90 / Y-90 (based on Sr-90)	31%
I-123	5%	Tc-99 m	2%
I-125	7%	Tl-201	4%
I-131	12%	Tl-204	14%

Options



Transport Wheels
Mounted castors and hand grip



Transponder
Transponder system for automatic identification of personnel, containing identification system and software expansion



Admin Software
For remote data administration and parameter setting