

Technical specification for Items No. 192104

1. SCOPE

Line	NEK Item Number	Part Number	UOM	Quantity	Need by Date	Safety Classification
1	39826	CE9-EG-SD	EA	1	1-Jan-27	AQ
	CE-139 SOLID IN GLASS LSV,22ML,5.5 MICRO Ci,SC:AQ					
	MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States					
	Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B02, B04, B07, F00, F05, F06, F061, F081, F30, F31, F34, F35, F40, F59, F60, F90, G00, G01, G02, G03 The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE GR1 - CERTIFICATE OF CALIBRATION OF RADIOACTIVE REFERENCE MATERIAL (RRM) (STANDARD RADIONUCLIDE SOURCE)					
2	33558	8400-GF-FP	EA	1	1-Jan-27	AQ
	MIXED GAMA STD. ,47 MM DIA. GLASS FIBER FILTER IN TAPE, OVERALL DIAMETER OF FILTER ASSEMBLY 54MM, ACTIVITY 92.5 KBQ (2.50uCi), SC:AQ					
	MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States					
	Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B02, B04, B07, F00, F05, F06, F061, F081, F30, F31, F34, F35, F40, F59, F60, F90, G00, G01, G02, G03 The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE GR1 - CERTIFICATE OF CALIBRATION OF RADIOACTIVE REFERENCE MATERIAL (RRM) (STANDARD RADIONUCLIDE SOURCE)					
3	37622	8400-EG-CH	EA	1	1-Jan-27	AQ
	MIXED GAMMA STD.-FACE LOADED CHARCOAL CARTRIDGE(BG-300),ACTIVITY 2.5 MICRO CI (2.50 uCi)					
	Activity Tolerance: +20% / -20%,Cd-109, Co-57, Ce-139, Hg-203, Sn-113, Cs-137, Y-88, Co-60,Customer supplied MGP Plastic 12217,SC:AQ					
	MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States					
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	GR1 - CERTIFICATE OF CALIBRATION OF RADIOACTIVE REFERENCE MATERIAL (RRM) (STANDARD RADIONUCLIDE SOURCE)					
4	401187	8401-EG-CHA	EA	1	1-Jan-27	AQ
MIXED GAMMA STANDARD, Cd-109, Co-57, Ce-139, Hg-203, Sn-113, Cs-137, Y-88, Co-60, Am-241,(22 micro Ci), 0.59g/cc charcoal matrix, Fill Volume: 1000mL, 550g customer supplied charcoal, Customer Supplied 1L LDPE Kartell bottle ,SC:AQ						
MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States						
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5	413518	8500-EG-SGS-CUS	EA	1	1-Jan-27	AQ
SIMULATED GAS IN 1L STAINLESS STEEL MARINELLI, 0.02G/CC FOAM MATRIX, NIST TRACEABLE, Cd109, Co57, Ce139, Hg203, Sn113, Cs137, Y88, Co60, Sr85, 111kBq (3uCi) +/-20%, SC:AQ						
MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States						
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6	43899	HCC-EAB-GRA-FP	EA	1	1-Jan-27	AQ
GROSS ALPHA 54/47MM AA MEMBRANE FILTER IN 0.5 MG/CM2 MYLAR,SC:AQ						
MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States						
Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B02, B04, B07, F00, F05, F30, F31, F34, F35, F40, F60, F90, G00, G01, G02, G03						
The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE						
7	49487	HCC-EAB-GRB-FP	EA	1	1-Jan-27	AQ
GROSS BETA 54/47MM AA MEMBRANE FILTER IN 0.85 MG/CM2 MYLAR,SC:AQ						
MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States						
Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B02, B04, B07, F00, F05, F30, F31, F34, F35, F40, F60, F90, G00, G01, G02, G03						
The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE						

8	401189	HCC-MIXAF-SPC	EA	1	1-Jan-27	AQ
	GAMMA ISOTOPIC 1 LITER FILL IN 1 LITER PLASTIC BOTTLE, CROSS CHECK SAMPLE,SC:AQ					
	MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States					
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9	34251	HCC-I31-EG-CH	EA	1	1-Jan-27	AQ
	I-131 FACE LOADED BG-300 CHARCOAL CARTRIDGE;CROSS CHECK SAMPLE,SC:AQ					
	MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States					
	Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B02, B04, B07, F00, F05, F06, F061, F081, F30, F31, F34, F35, F40, F59, F60, F90, G00, G01, G02, G03 The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE					
10	34250	HCC-MIXGAS-33ML	EA	1	1-Jan-27	AQ
	RADIOCH.CROSS CHECK SAMPLE;XE-133/Kr-85 GAS IN 33 ML SPHERE,SC:AQ					
	MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States					
	Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B02, B04, B07, F00, F05, F06, F061, F081, F30, F31, F34, F35, F40, F59, F60, F90, G00, G01, G02, G03 The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE					
11	34252	HCC-MIXAF-GF-FP	EA	1	1-Jan-27	AQ
	GAMMA ISOTOPIC 57mm DIA GLASS FIBER FILTER IN TAPE, 47mm AD,CROSS CHECK SAMPLE,SC:AQ					
	MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States					
	Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B02, B04, B07, F00, F05, F06, F061, F081, F30, F31, F34, F35, F40, F59, F60, F90, G00, G01, G02, G03 The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE					
12	410751	HCC-MIXAF-EG-SD	EA	1	1-Jan-27	AQ
	SAMPLE,SC:AQ,TYPE:GAMMA ISOTOPIC, CROSS CHECK,MATERIAL:3.0L FILL IN 430G GA-MA BEAKER,DIMENSIONS:1.17G/CC+/-3% POLYESTER MATRIX					
	MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States					

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13	39862	HCC-MIX-EG-WB-F	EA	1	1-Jan-27	AQ
	WHOLE BODY FASTSCAN IN LSV (LIQUID SCINTILLATION VIAL) 22ML;CROSS CHECK SAMPLE,SC:AQ MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B02, B04, B07, F00, F05, F06, F061, F081, F30, F31, F34, F35, F40, F59, F60, F90, G00, G01, G02, G03 The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE					
14	401190	HCC-I31-EG-SD	EA	1	1-Jan-27	AQ
	I-131, 22mL FILL IN GLASS LIQUID SCINTILLATION VIAL, CROSS CHECK SAMPLE,SC:AQ MFG: ECKERT AND ZIEGLER ANALYTICS, 1380 SEASBOARD INDUSTRIAL BOULEVARD, 30318 ATLANTA, United States Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B02, B04, B07, F00, F05, F06, F061, F081, F30, F31, F34, F35, F40, F59, F60, F90, G00, G01, G02, G03 The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE					

2. TECHNICAL AND QUALITY REQUIREMENTS

IMPORTANT:

The quotation has to include Statement of Compliance with the Technical and Quality Requirements from Purchaser's RFQ including the Bidder's commitment to provide requested documents and/or records. If any of these requirements cannot be fulfilled, please, provide the explanation.

A00 - GENERAL REQUIREMENTS

ALL REQUIRED DOCUMENTS SHALL BE SUPPLIED IN ENGLISH OR ENGLISH/ MULTILINGUAL.

A02 - ORDER ENTRY REQUIREMENTS

THE SALES OFFICE AND/OR IMPORTER RECEIVING THIS PURCHASE ORDER SHALL TRANSMIT ALL NEK PURCHASE ORDER REQUIREMENTS TO THE EQUIPMENT MANUFACTURER.

A07 - NEW ITEMS

ALL ITEM(S) PROVIDED ON THIS PURCHASE ORDER SHALL BE SUPPLIED IN THE NEW CONDITION (NOT USED OR REFURBISHED IN ANY WAY).

B00 - QUALITY ASSURANCE REQUIREMENTS

B02 - COMMERCIAL QUALITY ASSURANCE PROGRAM

ALL SERVICES AND ITEMS SHALL BE PERFORMED/PROVIDED IN ACCORDANCE WITH THE VENDOR'S COMMERCIAL QUALITY ASSURANCE PROGRAM THAT HAS BEEN PREVIOUSLY EVALUATED AND ACCEPTED BY NEK.

B04 - SUPPLIER QA MANUAL CONTROLLED DISTRIBUTION

IF A CONTROLLED COPY OF THE LATEST REVISION OF THE SUPPLIER'S QUALITY ASSURANCE PROGRAM MANUAL HAS NOT BEEN PREVIOUSLY SENT TO NEK, SUBMIT A COPY OF THIS DOCUMENT TO:

LUKA MIKELIĆ, QUALITY & NUCLEAR OVERSIGHT DIRECTOR
tel.:++386 748 02 429
E-mail:luka.mikelic@nek.si

IF A REVISION TO THE SUPPLIER'S QUALITY ASSURANCE MANUAL IS MADE DURING THE CONDUCT OF WORK ASSOCIATED WITH THIS ORDER, A COPY OF THE REVISION SHALL BE SUBMITTED TO THE ABOVE ADDRESS PRIOR TO IMPLEMENTATION OF THE CHANGE.

B07 - RIGHTS OF ACCESS

NUCLEAR POWER PLANT KRSKO (NEK)) SHALL HAVE THE RIGHT OF ACCESS TO THE SUPPLIER'S AND ANY SUBTIER SUPPLIER'S FACILITIES AND RECORDS FOR INSPECTION OR AUDIT BY NEK , THEIR DESIGNATED REPRESENTATIVE AND/OR OTHER PARTIES AUTHORIZED BY NEK. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO, THE RIGHT TO AUDIT MATERIAL, TEST, INSPECTION SERVICES AND QUALITY RECORDS; MAKE SURVEILLANCE VISITS DURING MANUFACTURING; AND WITNESS TESTS TO THE EXTENT NEK DEEMS NECESSARY TO ASSURE THAT WORK IS BEING PERFORMED IN ACCORDANCE WITH ALL PRODUCT DESIGN AND MANUFACTURING REQUIREMENTS. NEK WILL MAKE ARRANGMENT FOR ANY SUBTIER AUDIT OR INSPECTION THROUGH SUPPLIER. SUPPLIER WILL HAVE OPTION TO ACCOMPANY NEK DURING ANY SUB-SUPPLIER AUDITS OR INSPECTIONS.

INSPECTIONS OR EXAMINATIONS PERFORMED BY NEK, OR ITS DESIGNATED REPRESENTATIVES, DO NOT RELIEVE THE SUPPLIER OF ITS RESPONSIBILITY TO MEET THE REQUIREMENTS OF THIS PURCHASE ORDER.

F00 - SHIPPING, HANDLING, MARKING AND STORAGE INSTRUCTIONS ;**F05 - HANDLING, PACKAGING AND SHIPPING**

THE SELLER SHALL ENSURE THAT THE GOODS ARE PROPERLY PRESERVED, PACKAGED AND PREPARED FOR SHIPMENT IN A MANNER SUITABLE FOR THE INTENDED MODE OF TRANSPORT AND THE EXPECTED ENVIRONMENTAL AND HANDLING CONDITIONS DURING SHIPPING AND STORAGE. PACKAGING SHALL PROVIDE ADEQUATE PROTECTION FROM THE EFFECTS OF TEMPERATURE EXTREMES, HUMIDITY, CORROSION, TRANSIT SHOCKS AND JARRING. CAPS AND PLUGS SHALL BE USED TO SEAL THE OPENINGS AND TO PROTECT THREADS AND WELD END PREPARATIONS. STEEL BEAMS/ ANGLES/PIPES LENGTH SHALL BE MAX. 6m. THE SELLER SHALL REMAIN RESPONSIBLE FOR ENSURING THAT ALL NECESSARY SHIPPING PRECAUTIONS AND HANDLING INSTRUCTIONS ARE COMMUNICATED TO ANY CARRIER OR FORWARDER ENGAGED FOR TRANSPORTATION, REGARDLESS OF WHETHER TRANSPORTATION IS ARRANGED BY THE SELLER OR BY THE BUYER.

F06 - SPECIAL HANDLING AND IN STORAGE MAINTENANCE

THE SUPPLIER SHALL SUBMIT WITH THE SHIPMENT ANY MINIMUM REQUIREMENTS BEYOND ANSI N45.2.2-1972, PACKING, SHIPPING, RECEIVING, STORAGE AND HANDLING OF ITEMS FOR NUCLEAR POWER PLANTS, SUCH AS SPECIAL HANDLING, IN-STORAGE MAINTENANCE, PREVENTATIVE MAINTENANCE OR OTHER STORAGE INSTRUCTIONS NECESSARY TO MAINTAIN THE QUALITY OF THE EQUIPMENT OR MATERIAL IN LONG TERM STORAGE (GREATER THAN 3 MONTHS). WHEN SPECIAL HANDLING, PREVENTATIVE MAINTENANCE OR OTHER STORAGE REQUIREMENTS ARE NECESSARY, THE EXTERIOR OF THE SHIPPING CONTAINER SHALL BE CLEARLY MARKED TO IDENTIFY THIS.

F061 - RIGHT TO RETURN THE RADIOACTIVE SOURCE

BUYER (NUCLEAR POWER PLANT KRSKO) SHALL HAVE THE RIGHT TO RETURN THE RADIOACTIVE SOURCE WITH THE EXPIRED SHELF LIFE OR UPON CESSATION OF USE TO THE SUPPLIER/ MANUFACTURER OF RADIOACTIVE SOURCE.

F081 - EXPIRATION DATE

THE SUPPLIER SHALL PROVIDE THE FOLLOWING MATERIAL DATA:

- MATERIAL DESCRIPTION
- EXPIRATION DATE/ SHELF LIFE

THE SUPPLIER SHALL NOT SHIP ANY ITEM THAT HAS LESS THAN 75% REMAINING SHELF LIFE AT THE TIME OF SHIPMENT. IF THE ABOVE REQUIREMENTS ARE NOT MET, THE ITEM WILL BE SHIPPED BACK TO THE SUPPLIER AT THE SUPPLIER'S EXPENSE.

F30 - CONTAINER MARKING REQUIREMENTS

SHIPPING CONTAINERS OR CARTONS ARE TO BE CLEARLY MARKED OR TAGGED WITH:

F31 - THE PURCHASE ORDER NUMBER

F34 - NEK ITEM NUMBER

F35 - MANUFACTURER'S NAME

F40 - SUPPLIER'S NAME

F90 - PACKING SLIPS ARE TO BE SHIPPED WITH ORDER

G00 - SUPPLIER DOCUMENTATION REQUIREMENTS

ALL REQUIRED DOCUMENTS SHALL BE SUPPLIED IN ORIGINAL HARD COPY OR ELECTRONIC FORM DEFINED BY SUPPLIER QA PROGRAM AND ACCEPTED BY NEK.

G01 - DOCUMENT TRACEABILITY

ALL REQUIRED DOCUMENTS SHALL BE TRACEABLE TO THE NEK PURCHASE ORDER. DOCUMENTS SUPPLIED WHICH ARE ASSOCIATED WITH SPECIFIC ITEMS ON THE ORDER, SUCH AS TEST REPORTS, SHALL BE IDENTIFIED IN ORDER TO ESTABLISH TRACEABILITY TO THAT ITEM OR GROUP OF ITEMS.

G02 - MATERIAL AND DOCUMENTATION SHIPPING

MATERIAL AND ALL CERTIFICATIONS OR ACCOMPANYING DOCUMENTATION SUPPLIED UNDER THIS ORDER SHALL BE DIRECTLY SHIPPED FROM THE SUPPLIER/MANUFACTURER TO NEK. THE DISTRIBUTOR SHALL NOT TAKE POSSESSION OF MATERIAL OR DOCUMENTATION.

G03 - DOCUMENTATION DIRECTED ADDRESS

DOCUMENTS SUBMITTED PRIOR TO SHIPMENT OR SUBSEQUENT TO SHIPMENT INCLUDING REVISIONS OF THESE DOCUMENTS, SHALL BE DIRECTED TO THE PURCHASING DEPARTMENT.

EVERY PAGE OF EACH DOCUMENT SHALL BE TRACEABLE TO THE NEK'S PURCHASE ORDER AND APPLICABLE ITEM(S) NUMBER.

G04 - THE CERTIFICATE OF CONFORMANCE

THE CERTIFICATE OF CONFORMANCE SHALL SATISFY THE FOLLOWING CRITERIA:

1. IDENTIFY THE PURCHASE ORDER NUMBER, INCLUDING ITEM NUMBERS AND CHANGE ORDER NUMBER APPLICABLE TO THE ITEM BEING CERTIFIED.
2. A PERSON IDENTIFIED IN THE SUPPLIER'S QUALITY ASSURANCE PROGRAM DESCRIPTION AS RESPONSIBLE FOR CERTIFICATION SHALL ATTEST TO THE CERTIFICATE BY SIGNATURE, TITLE AND DATE OF SIGNING.
3. NEK RESERVES THE RIGHT TO DETERMINE THE VALIDITY OF THE CERTIFICATE OF CONFORMANCE BY AN AUDIT OF THE SUPPLIER OR BY AN INSPECTION OR TEST OF THE ITEM(S).

GR1 - CERTIFICATE OF CALIBRATION OF RADIOACTIVE REFERENCE MATERIAL (RRM) (STANDARD RADIONUCLIDE SOURCE)

THE SUPPLIER SHOULD PROVIDE THE CERTIFICATE OF CALIBRATION OF RRM WITH FOLLOWING DATA:

- CERTIFICATE NUMBER,
- DESCRIPTION AND CODE OF RADIONUCLIDE,
- LOT OR BATCH OR SERIAL NUMBER,
- MEASUREMENT REFERENCE TIME, METHOD OF MEASUREMENT, TOTAL ACTIVITY,
- CALIBRATION DATE,
- UNCERTAINTY AND EXPRESSION OF UNCERTAINTIES,
- RADIONUCLIDIC PURITY, RECOMMENDED HALF LIFE,
- TRACEABILITY TO NIST/ ISO 8529/ ISO 2919/ ISO 17025