RFQ 191698: Technical specification for Items

1. SCOPE

Line	NEK Item Number	Part Number	UOM	Quantity	Need by Date	Safety Classification
1	149787	EC212-10102	EA	2	31-Mar-27	SR
	KIT,TYPE:MATERIALS KIT,(CONSIST OF: 90 TERMINALS: RANGE 16AWG TO 14AWG, COLOUR:BLUE (P.N.:EE022-40085), TUBING HEAT SHRINK, 1 THREAD SEALANT TUBE (Dow Corning 734), O-RING LUBRICANT (SYNTHETIC OIL 438, NYE), (P.N.:EH310-00010); NUCLEAR QUALIFIED, MNF.:NAMCO),SC:SR					
	MFG: NAMCO CONTROLS, 2100 BROAD STREET WEST, 28337 ELIZABETHTOWN, United States Item shall be supplied in accordance with the following TQRs: A00, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F081, F40, F50, F51, F521, F551, F57, F90, G00, G01, G03 The following documents and/or records shall be submitted with the above item: G041 - CERTIFICATE OF CONFORMANCE G22 - NONCONFORMANCE REPORTS G73 - PARTS LIST G88 - MATERIAL SAFETY DATA SHEET GC1 - CERTIFICATE OF ORIGIN X110 - EQ EQUIPMENT SPARE PARTS					
2	120580	EA181-10102	EA	30	31-Mar-27	SR
	GASKET,TYPE:COVER,(FOR INSIDE CONTAINMENT NAMCO LIMIT SWITCH EA-180 SERIES),SC:SR					
	MFG: NAMCO CONTROLS, 2100 BROAD STREET WEST, 28337 ELIZABETHTOWN, United States Item shall be supplied in accordance with the following TQRs: A00, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F081, F40, F50, F51, F521, F551, F57, F90, G00, G01, G03 The following documents and/or records shall be submitted with the above item: G041 - CERTIFICATE OF CONFORMANCE G22 - NONCONFORMANCE REPORTS GC1 - CERTIFICATE OF ORIGIN X110 - EQ EQUIPMENT SPARE PARTS					
3	149781	EA180-31302	EA	2	31-Mar-27	SR
	SWITCH,LIMIT,TYPE:EA180 STANDARD,VOLTS:125VDC,AMPS:5A,CONTACTS:2NO AND 2NC, OPERATION CW,NEMA RATING:1,4 AND 13,CONSTRUCTION:DIE-CAST BRONZE HOUSING,(LONG,INSIDE CONTAINMENT, MNF.:NAMCO),SC:SR					
	MFG: NAMCO CONTROLS, 2100 BROAD STREET WEST, 28337 ELIZABETHTOWN, United States Item shall be supplied in accordance with the following TQRs: A00, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F081, F40, F50, F51, F521, F551, F57, F90, G00, G01, G03					

Registration: Krško District Court, entry number: 1000120000; Share Capital: 353.544.826,00 EUR
VAT Identification Number: SI61082597 Tax Number: 61082597 Registration Number: 5034345000
Phone: +386 7 48 02 000; www.nek.si; e-mail: nek@nek.si
SI56 0292 4001 8793 453 (NLB d.d.); SI56 0400 1004 8892 548 (OTP banka d.d.);
SI56 1010 0005 7820 337 (Banka Intesa Sanpaolo d.d.); SI56 3400 0102 2600 457 (Banka Sparkasse d.d.)

	The following documents and/or records shall be submitted with the above item: G041 - CERTIFICATE OF CONFORMANCE G22 - NONCONFORMANCE REPORTS G623 - DRAWING G991 - INSTALLATION INSTRUCTIONS GC1 - CERTIFICATE OF ORIGIN GP4 - PRODUCT DATA SHEET X100 - EQ EQUIPMENT X19 - ADDITIONAL NOTES					
4	201129	EA170-31302	EA	2	31-Mar-27	SR
	SWITCH,LIMIT,TYPE:EA170 STANDARD,VOLTS:125VDC,AMPS:5A,CONTACTS:2NO AND 2NC, OPERATION CW,NEMA RATING:1,4 AND 13,CONSTRUCTION:DIE-CAST ZINC HOUSING,(LONG,OUTSIDE CONTAINMENT,MNF.:NAMCO),SC:SR					
	MFG: NAMCO CONTROLS, 2100 BROAD STREET WEST, 28337 ELIZABETHTOWN, United States Item shall be supplied in accordance with the following TQRs: A00, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F081, F40, F50, F51, F521, F551, F57, F90, G00, G01, G03 The following documents and/or records shall be submitted with the above item: G041 - CERTIFICATE OF CONFORMANCE G22 - NONCONFORMANCE REPORTS G623 - DRAWING G991 - INSTALLATION INSTRUCTIONS GC1 - CERTIFICATE OF ORIGIN GP4 - PRODUCT DATA SHEET X100 - EQ EQUIPMENT X19 - ADDITIONAL NOTES					

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.

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

B01 - QUALITY ASSURANCE PROGRAM
ALL SERVICES AND ITEMS, INCLUDING THOSE WHICH HAVE TO COMPLY WITH ASME CODE REQUIREMENTS, SHALL BE SUPPLIED IN ACCORDANCE WITH A QUALITY ASSURANCE PROGRAM THAT COMPLIES WITH 10CFR50 APPENDIX B AND ANSI N45.2-1977 OR ASME NQA-1, AND 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.

B06 - 10CFR21 REPORTING
THIS ORDER IS SUBJECT THE PROVISIONS OF THE TITLE 10 OF THE U.S. CODE OF FEDERAL REGULATIONS PART 21, REPORTING OF DEFECTS AND NONCOMPLIANCE, REPORTING PURSUANT TO 10CFR21 SHALL BE MADE TO:

STANKO MANOJLOVIC , ENGINEERING SUPPORT FOR LONG TERM OPERATION SUPERINTENDENT
tel:++386 748 02 527
E-MAIL: stanko.manojlovic@nek.si

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.

B08 - RETENTION OF RECORDS
A RECORD SYSTEM (RETENTION TIME FOR LIFETIME AND NON-PERMANENT RECORDS) SHALL BE ESTABLISHED AND MAINTAINED BY THE SUPPLIER THAT PROVIDES DOCUMENTARY EVIDENCE OF THE QUALITY OF THE ITEMS AND ACTIVITIES AFFECTING QUALITY. THESE QA RECORDS SHALL INCLUDE RESULTS OF REVIEWS, INSPECTIONS,TESTS, AUDITS, MONITORING OF WORK PERFORMANCE AND MATERIAL ANALYSIS. RECORDS SHALL, AS A MINIMUM, IDENTIFY THE INSPECTOR OR DATA RECORDER, DATE INSPECTION WAS PERFORMED, TYPE OF OBSERVATION, PROCEDURES USED, RESULTS, ACCEPTABILITY, AND ACTION TAKEN FOR DEFICIENCIES NOTED. ADDITIONAL RECORDS OF SUPPORTING DATA SHALL ALSO BE MAINTAINED. ALL QUALITY VERIFICATION RECORDS, PROCEDURES AND QUALIFICATIONS SHALL BE IDENTIFIABLE TO THE ITEM OR ACTIVITY INVOLVED. THESE RECORDS SHALL BE RETRIVEABLE AND AVAILABLE FOR EXAMINATION. THE CLASSIFICATION AND RETENTION TIME OF LIFETIME AND NON-PERMANENT RECORDS SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF USNRC REGULATORY GUIDE 1.28, REV. 3-1985. THE SUPPLIER MAY DISPOSE OF NON-PERMANENT RECORDS AFTER THE REQUIRED RETENTION PERIOD. IF THE SUPPLIER GOES OUT OF BUSINESS BEFORE THE END OF THE RETENTION PERIOD OF THESE RECORDS, THE SUPPLIER WILL SEND ONE COPY OF THESE RECORDS TO THE NEK IMPORT DEPARTMENT SUPERINTENDENT.

C00 - NONCONFORMANCE AND DEVIATION

C01 - NO SUBSTITUTIONS
THE SUPPLIER SHALL NOT SUBSTITUTE OTHER ITEMS FOR THE ITEMS REQUESTED WITHOUT SPECIFIC WRITTEN APPROVAL OF NEK PRIOR TO SHIPMENT. IF THE SUPPLIER IDENTIFIES CHANGES,NONCONFORMANCES, OR SEEKS WAIVERS FROM OTHER REQUIREMENTS OF THIS PURCHASE ORDER, THE SUPPLIER SHALL DESCRIBE SUCH CONDITIONS AND THIS INFORMATION SHALL BE TRANSMITTED, IN WRITING, TO NEK IMPORT DEPARTMENT SUPERINTENDENT.

IF THE REQUESTED INFORMATION IS APPROVED BY NEK, THE SUPPLIER SHALL INCLUDE AN APPROVED COPY OF THE INFORMATION STATEMENT WITH THE ITEMS SHIPPED.

THE SUPPLIER SHALL IDENTIFY ANY CHANGE MADE TO UPGRADE ANY ITEM ON THIS PURCHASE ORDER AS A RESULT OF USNRC CORRESPONDENCE (SUCH AS INFORMATION NOTICES, BULLETINS AND ADVISORY LETTERS). CHANGES AS PART OF THE SUPPLIER'S PRODUCT IMPROVEMENT PROGRAM SHALL ALSO BE IDENTIFIED AND TRANSMITTED IN WRITTING TO THE NEK IMPORT DEPARTMENT SUPERINTENDENT FOR APPROVAL.

E00 - ENVIRONMENTAL QUALIFICATION

F00 - SHIPPING, HANDLING, MARKING AND STORAGE INSTRUCTIONS ;

F02 - HANDLING, PACKAGING AND SHIPPING
HANDLING, PACKAGING AND SHIPPING OF THE ITEM SUPPLIED UNDER THIS PURCHASE ORDER SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) N45.2.2-LEVEL B.

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.

F40 - SUPPLIER'S NAME

F50 - ITEM MARKING REQUIREMENTS
ALL ITEMS ARE TO BE PACKAGED INDIVIDUALLY AND IDENTIFIED WITH THE SPECIFIC PART NUMBER, OR ALL ITEMS OF A GIVEN PART NUMBER TO BE PACKAGED TOGETHER AND IDENTIFIED WITH THE SPECIFIC PART NUMBER AND THE FOLLOWING:

F51 - THE PURCHASE ORDER NUMBER

F521 - PART/ CATALOG NO.

F551 BATCH NO. OR LOT NO.

F57 - MANUFACTURER'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.

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.

G041 - CERTIFICATE OF CONFORMANCE
THE CERTIFICATE OF CONFORMANCE SHALL SATISFY THE FOLLOWING CRITERIA:

1. IDENTIFY THE PURCHASE ORDER NUMBER, ITEMS IDENTIFICATION NUMBER (PART NO./CATALOG NO./PRODUCT NO.) AND NEK CODE NUMBERS.

2. SUPPLIER SHALL CERTIFY THAT THE ITEMS SUPPLIED AGAINST THE ABOVE PURCHASE ORDER ARE IN CONFORMANCE WITH THE TECHNICAL AND QUALITY REQUIREMENTS OF THE PURCHASE ORDER.

G22 - NONCONFORMANCE REPORTS
THE SUPPLIER SHALL PROVIDE A COPY OF ALL NONCONFORMANCE REPORTS AS REPAIR OR USE-AS-IS DISPOSITION OF MATERIALS DURING THE MANUFACTURING PROCESS TO UTILITIES ONLY IN CASES THAT AFFECT ENVIRONMENTAL QUALIFICATION, INTERCHANGEABILITY, DESIGN OR OPERATING PARAMETERS GENERATED DURING MANUFACTURE OF PROCESSING OF THIS ORDER.
THIS REPORT SHALL INCLUDE TECHNICAL JUSTIFICATION FOR NONCONFORMANCE DISPOSITIONS. ALL DISPOSITIONS WHICH DO NOT RETURN AN ITEM TO THE CONDITIONS STATED IN AN APPROVED DRAWING OR SPECIFICATION SHALL BE APPROVED BY NEK PRIOR TO THE SHIPMENT OF THE AFFECTED ITEM.

G623 - DRAWING

G73 - PARTS LIST
PARTS LIST SHALL INCLUDE ITEM PART NO. NUMBER, ITEM DESCRIPTION AND ITEM QUANTITY.

G88 - MATERIAL SAFETY DATA SHEET
LATEST REVISION OF THE MATERIAL SAFETY DATA SHEET MUST BE PREPARED IN COMPLIANCE WITH REGULATION (EC) NO. 1907/2006 (REACH) AND NO. 1272/2008 (CLP). SDS MUST BE SUBMITTED TOGETHER WITH THE PROPOSAL.

G991 - INSTALLATION INSTRUCTIONS

GC1 - CERTIFICATE OF ORIGIN

GP4 - PRODUCT DATA SHEET

For item: 201129
X100 - EQ EQUIPMENT
Following technical and quality requirements shall be met:

Vendor shall certify that the supplied equipment is environmentally qualified to Test Report No.: QTR 159, rev.2, performed in accordance with IEEE Standard 323-1974 or newer version of IEEE 323 Std.

However, if there is any difference (materials, design / construction or performance parameters) between originally qualified equipment and subject supplied equipment, the differences should not degrade original qualification level in any viewpoint to accomplishing its safety function during and subsequent to the harsh environments at the end of qualified life. Accordingly, supporting similarity analysis with references shall be provided to confirm acceptability of difference. Also originally qualified equipment determined qualified life shall not be degraded. Any change of aging sensitive materials shall be reported in similarity analysis to document acceptability. If material change affect qualified life change, than sufficient data shall be provided to enable new determination of qualified life:
- Materials/parts identification and description;
- New aging temperature defining also operating heat rise (if applicable) and aging time;
- Activation energy (eV) for applicable material/part.

For item: 149781
X100 - EQ EQUIPMENT
Following technical and quality requirements shall be met:

Vendor shall certify that the supplied equipment is environmentally qualified to Test Report No.: QTR-155, rev.3, performed in accordance with IEEE Standard 323-1974 or newer version of IEEE 323 Std.

However, if there is any difference (materials, design / construction or performance parameters) between originally qualified equipment and subject supplied equipment, the differences should not degrade original qualification level in any viewpoint to accomplishing its safety function during and subsequent to the harsh environments at the end of qualified life. Accordingly, supporting similarity analysis with references shall be provided to confirm acceptability of difference. Also originally qualified equipment determined qualified life shall not be degraded. Any change of aging sensitive materials shall be reported in similarity analysis to document acceptability. If material change affect qualified life change, than sufficient data shall be provided to enable new determination of qualified life:
- Materials/parts identification and description;
- New aging temperature defining also operating heat rise (if applicable) and aging time;
- Activation energy (eV) for applicable material/part.

For item: 149787
X110 - EQ EQUIPMENT SPARE PARTS
Following technical and quality requirements shall be met:

Vendor shall certify that the use of supplied equipment replacement part/subcomponent will sustain parent equipment environmental qualification to Test Report No.:QTR-142 rev.1, performed in accordance with IEEE Standard 323-1974 or newer version of IEEE 323 Std.

However, if there is any difference (materials, design / construction or performance parameters) between originally qualified equipment replacement part/subcomponent and subject supplied replacement part/subcomponent, the differences should not degrade original equipment qualification level in any viewpoint to accomplishing its safety function during and subsequent to the harsh environments at the end of qualified life. Accordingly, supporting similarity analysis with references shall be provided to confirm acceptability of difference. Also originally qualified equipment determined qualified life shall not be degraded. Any change of aging sensitive materials shall be reported in similarity analysis to document acceptability. If material change affect qualified life change than sufficient data shall be provided to enable new determination of qualified life:
- Materials/parts identification and description;
- New aging temperature including operating heat rise and aging time;
- Activation energy (eV) for applicable material/part.

For item: 120580

X110 - EQ EQUIPMENT SPARE PARTS

Following technical and quality requirements shall be met:

Vendor shall certify that the use of supplied equipment replacement part/subcomponent will sustain parent equipment environmental qualification to Test Report No.:QTR-155 rev.3, performed in accordance with IEEE Standard 323-1974 or newer version of IEEE 323 Std.

However, if there is any difference (materials, design / construction or performance parameters) between originally qualified equipment replacement part/subcomponent and subject supplied replacement part/subcomponent, the differences should not degrade original equipment qualification level in any viewpoint to accomplishing its safety function during and subsequent to the harsh environments at the end of qualified life. Accordingly, supporting similarity analysis with references shall be provided to confirm acceptability of difference. Also originally qualified equipment determined qualified life shall not be degraded. Any change of aging sensitive materials shall be reported in similarity analysis to document acceptability. If material change affect qualified life change than sufficient data shall be provided to enable new determination of qualified life:

- Materials/parts identification and description;
- New aging temperature including operating heat rise and aging time;
- Activation energy (eV) for applicable material/part.

X19 - ADDITIONAL NOTES

TQR F081 EXPIRATION DATE is your CURE DATE DATA.