

Technical specification for Items No. 191628 Rev. 0

1. SCOPE

Line	NEK Item Number	Part Number	UOM	Quantity	Need by Date	Safety Classification
1	430645	3154ND3R2F4E8Q8 Q9V5W1	EA	4	1-Mar-27	SR
<p>TRANSMITTER.ELECTRIC,SC:SR,TYPE:PRESSURE DIFFERENTIAL,SUPPLY:13.5-48VDC,RANGE:[-1000,1000]"WC,OUTPUT:4-20mADC, isolating diaphragm 316L SST, 1/4" Swagelok PROCESS CONNECTION AND DRAIN HOLE, mounting bracket: Traditional Process Flange Bracket, SST 2" Pipe, SST Mounting Hardware,SEISMIC:8,5 g ZPA</p> <p>MFG: ROSEMOUNT INC, -, , United States</p> <p>Item shall be supplied in accordance with the following TQRs: A00, A03, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F30, F31, F40, F50, F51, F521, F57, F59, F60, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G06 - CERTIFICATION TO MATERIAL SPECIFICATION G10 - CERTIFICATE OF COMPLIANCE TO IEEE 323/344 G22 - NONCONFORMANCE REPORTS G48 - HYDRO PRESSURE TEST RECORD G52 - CALIBRATION TEST RECORD X100 - EQ EQUIPMENT X17 - SUPPLEMENT DOCUMENTS</p>						
2	420039	3154NG6T2F4E7Q8 Q9V5W1	EA	1	1-Mar-27	SR
<p>TRANSMITTER.ELECTRIC,SC:SR,TYPE:PRESSURE, GAUGE, NUCLEAR,FILL SYSTEM:SILICONE OIL,SUPPLY:13.55÷48VDC,RANGE:-14.2÷4000PSIG,OUTPUT:4÷20MADC ANALOG,PROOF:10000PSIG,ISOL.DIAPHRAGM:316L SST,HOUSING:316 SST, CAST,FLANGE:TRADITIONAL, SST,AMB.TEMP.:40÷200DEGC,MODEL:3154N,NOTE:EXTERNAL GROUND SCREW KIT</p> <p>MFG: EMERSON PROCESS MANAGEMENT ASSET OPTIMIZATION DIVISION, 12001 TECHNOLOGY DRIVE, 55344 EDEN PRAIRIE, United States</p> <p>Item shall be supplied in accordance with the following TQRs: A00, A03, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F30, F31, F40, F50, F51, F521, F57, F59, F60, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G06 - CERTIFICATION TO MATERIAL SPECIFICATION G10 - CERTIFICATE OF COMPLIANCE TO IEEE 323/344 G22 - NONCONFORMANCE REPORTS G48 - HYDRO PRESSURE TEST RECORD G52 - CALIBRATION TEST RECORD X100 - EQ EQUIPMENT X17 - SUPPLEMENT DOCUMENTS</p>						

3	430644	3154NG6R2F4E8Q8 Q9V5W1	EA	2	1-Mar-27	SR
<p>TRANSMITTER.ELECTRIC,SC:SR,TYPE:PRESSURE gauge,SUPPLY:13.5-48VDC,RANGE:[-14.2,4000]psig,OUTPUT:4-20mADC, isolating diaphragm 316L SST, 1/4" Swagelok PROCESS CONNECTION AND DRAIN HOLE, mounting bracket: Traditional Process Flange Bracket, SST 2" Pipe, SST Mounting Hardware</p> <p>MFG: ROSEMOUNT INC, -, , United States</p> <p>Item shall be supplied in accordance with the following TQRs: A00, A02, A03, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F30, F31, F40, F50, F51, F57, F59, F88, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G06 - CERTIFICATION TO MATERIAL SPECIFICATION G10 - CERTIFICATE OF COMPLIANCE TO IEEE 323/344 G22 - NONCONFORMANCE REPORTS G48 - HYDRO PRESSURE TEST RECORD G52 - CALIBRATION TEST RECORD X100 - EQ EQUIPMENT X17 - SUPPLEMENT DOCUMENTS</p>						
4	432967	3152ND2B2F4E8Q8 Q9V5W1	EA	1	1-Mar-27	SR
<p>TRANSMITTER.ELECTRIC,SC:SR,TYPE:NUCLEAR, PRESSURE DIFFERENTIAL,FILL SYSTEM:SILICONE OIL,SUPPLY:13.55÷48VDC,RANGE:-250÷250 "H2O,OUTPUT:4÷20MADC & ADJUSTABLE DAMPING,PROOF:3626PSIG,ISOL.DIAPHRAGM:316 SST,HOUSING:SST,FLANGE:TRADITIONAL, SST 2" PIPE</p> <p>MFG: EMERSON PROCESS MANAGEMENT MANUFACTURING GMBH&CO.OHG, ARGELSRIEDER FIELD 3, 82234 WESSLING, Germany</p> <p>Item shall be supplied in accordance with the following TQRs: A00, A03, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F30, F31, F40, F50, F51, F521, F57, F59, F60, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G06 - CERTIFICATION TO MATERIAL SPECIFICATION G10 - CERTIFICATE OF COMPLIANCE TO IEEE 323/344 G22 - NONCONFORMANCE REPORTS G48 - HYDRO PRESSURE TEST RECORD G52 - CALIBRATION TEST RECORD X100 - EQ EQUIPMENT X17 - SUPPLEMENT DOCUMENTS</p>						
5	153982	3051NG4A02A1JH2P M	EA	1	1-Mar-27	SR
<p>TRANSMITTER,ELECTRIC,TYPE:PRESSURE GAGE,FILL SYSTEM:SILICONE OIL,SUPPLY:10.5-55VDC,RANGE:-14.2 TO 300 PSI,OUTPUT:4-20MA WITH DIGITAL SIGNAL,PROOF:3626PSIG,(TRADITIONAL FLANGE, 316SST, SST DRAIN/VENT),SC:SR</p> <p>MFG: ROSEMOUNT NUCLEAR INSTRUMENT INC, 8200 MARKET BOULEVARD, 55317 CHANHASSEN, United States</p> <p>Item shall be supplied in accordance with the following TQRs: A00, A03, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F30, F31, F40, F50, F51, F521, F57, F59, F60, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE</p>						

	G06 - CERTIFICATION TO MATERIAL SPECIFICATION G10 - CERTIFICATE OF COMPLIANCE TO IEEE 323/344 G22 - NONCONFORMANCE REPORTS G48 - HYDRO PRESSURE TEST RECORD G52 - CALIBRATION TEST RECORD X100 - EQ EQUIPMENT X17 - SUPPLEMENT DOCUMENTS					
6	433973	03154-5020-0002	EA	3	1-Mar-27	SR
	BOARD ELECTRONIC ASSEMBLY FOR 3152N TRANSMITTER, SC:SR, TYPE: OUTPUT CODE A MFG: EMERSON PROCESS MANAGEMENT MANUFACTURING GMBH&CO.OHG, ARGELSRIEDER FIELD 3, 82234 WESSLING, Germany Item shall be supplied in accordance with the following TQRs: A00, A03, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F30, F31, F40, F50, F51, F521, F57, 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 G10 - CERTIFICATE OF COMPLIANCE TO IEEE 323/344 G22 - NONCONFORMANCE REPORTS X110 - EQ EQUIPMENT SPARE PARTS X17 - SUPPLEMENT DOCUMENTS					
7	433971	03154-5020-0004	EA	3	1-Mar-27	SR
	BOARD ELECTRONIC ASSEMBLY FOR 3154N TRANSMITTER, SC:SR, TYPE: OUTPUT CODE R MFG: EMERSON PROCESS MANAGEMENT MANUFACTURING GMBH&CO.OHG, ARGELSRIEDER FIELD 3, 82234 WESSLING, Germany Item shall be supplied in accordance with the following TQRs: A00, A03, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F30, F31, F40, F50, F51, F521, F57, 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 G10 - CERTIFICATE OF COMPLIANCE TO IEEE 323/344 G22 - NONCONFORMANCE REPORTS X110 - EQ EQUIPMENT SPARE PARTS X17 - SUPPLEMENT DOCUMENTS					
8	420041	03154-5020-0003	EA	1	1-Mar-27	SR
	BOARD.CIRCUIT,SC:SR,TYPE:DAMPING MFG: EMERSON PROCESS MANAGEMENT MANUFACTURING GMBH&CO.OHG, ARGELSRIEDER FIELD 3, 82234 WESSLING, Germany Item shall be supplied in accordance with the following TQRs: A00, A03, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F30, F31, F40, F50, F51, F521, F57, 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 G10 - CERTIFICATE OF COMPLIANCE TO IEEE 323/344 G22 - NONCONFORMANCE REPORTS X110 - EQ EQUIPMENT SPARE PARTS X17 - SUPPLEMENT DOCUMENTS					
9	433972	03154-5021-0001	EA	3	1-Mar-27	SR

	<p>TERMINAL BLOCK, STANDARD FOR ALL MODELS (3152, 3153, 3154N TRANSMITTER), SC:SR MFG: EMERSON PROCESS MANAGEMENT MANUFACTURING GMBH&CO.OHG, ARGELSRIEDER FIELD 3, 82234 WESSLING, Germany</p> <p>Item shall be supplied in accordance with the following TQRs: A00, A03, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F30, F31, F40, F50, F51, F521, F57, F59, F60, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G10 - CERTIFICATE OF COMPLIANCE TO IEEE 323/344 G22 - NONCONFORMANCE REPORTS X110 - EQ EQUIPMENT SPARE PARTS X17 - SUPPLEMENT DOCUMENTS</p>
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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.

A03 - ORDER ENTRY/DROP SHIP REQUIREMENTS

THE SALES OFFICE RECEIVING THIS PURCHASE ORDER SHALL TRANSMIT ALL NEK PURCHASE ORDER REQUIREMENTS TO THE EQUIPMENT/ ITEM MANUFACTURER. ALL ITEMS SHALL BE DROP SHIPPED DIRECTLY FROM THE MANUFACTURER TO THE NEK FACILITY SPECIFIED ON THE PURCHASE ORDER.

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 WRITING 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.

F30 - CONTAINER MARKING REQUIREMENTS

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

F31 - THE PURCHASE ORDER NUMBER

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.

F57 - MANUFACTURER'S NAME

F59 - ITEM SERIAL NUMBER

F60 - MATERIAL DESCRIPTION OR COMPOSITION

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).

G06 - CERTIFICATION TO MATERIAL SPECIFICATION

EACH SHIPMENT MUST BE ACCOMPANIED BY CERTIFICATION CONTAINING THE SIGNATURE OF A PERSON RESPONSIBLE FOR THE QUALITY FUNCTION OF THE SUPPLIER, STATING MATERIAL OR ARTICLES MEET APPLICABLE SPECIFICATIONS CITED IN THIS PURCHASE ORDER. APPLICABLE MATERIAL SPECIFICATIONS, PART NUMBERS AND SERIAL NUMBERS

SHALL BE REFERENCED ON THE CERTIFICATION. THE CERTIFICATION SHALL CONTAIN THE NEK PURCHASE ORDER NUMBER.

G10 - CERTIFICATE OF COMPLIANCE TO IEEE 323/344

THE SUPPLIER SHALL PROVIDE A CERTIFICATION SHOWING THE ITEM(S) HAS BEEN QUALIFIED IN ACCORDANCE WITH IEEE 323-1974, IEEE 344-1975 AND THE ENVIRONMENTAL CODITION OF THE ORDER AS APPLICABLE.

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.

G48 - HYDRO PRESSURE TEST RECORD

G52 - CALIBRATION TEST RECORD

For item: 432967

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. D2010015 Rev.D 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: 153982

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. D2001019 REV.C 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: 420039,430644,430645

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. D2013003 REV.C 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: 433973

X110 - EQ EQUIPMENT SPARE PARTS

VENDOR SHALL CERTIFY THAT THE USE OF SUPPLIED EQUIPMENT REPLACEMENT PART/SUBCOMPONENT WILL SUSTAIN PARENT EQUIPMENT ENVIRONMENTAL QUALIFICATION TO TEST REPORT NO. D2010015 Rev.D 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: 420041,433971,433972

X110 - EQ EQUIPMENT SPARE PARTS

VENDOR SHALL CERTIFY THAT THE USE OF SUPPLIED EQUIPMENT REPLACEMENT PART/SUBCOMPONENT WILL SUSTAIN PARENT EQUIPMENT ENVIRONMENTAL QUALIFICATION TO TEST REPORT NO. D2013003 REV.C 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.

X17 - SUPPLEMENT DOCUMENTS

QUALITY CERTIFICATE OF CONFORMANCE that certifies that the equipment is qualified for nuclear applications and satisfies 10CFR50 Appendix B.