

Technical Specification for Items RFQ No. 185604

1. SCOPE

Line	NEK Item Number	Part Number	UOM	Quantity	Need by Date	Safety Classification
1	430823		EA	20,00	29-Aug-25	SR
VALVE.CHECK,SC:SR,TYPE:SOFT SEAT,SIZE:1-1/2",BODY MAT'L:CARBON STEEL,ANSI RATING:#600,TECH. SPEC.:SP-G508A, REV.1,SPEC. SHT.:C36-10,ASME CODE CL.:3						
Item shall be supplied in accordance with the following TQRs: A00, B00, B01, B04, B06, C00, C01, F00, F03, F30, F31, F32, F40, F50, F51, F52, F53, F55, F56, F57, F59, F61, F90, G00, G01						
The following documents and/or records shall be submitted with the above item: G05 - CERTIFICATE OF COMPLIANCE WITH PURCHASE ORDER REQUIREMENTS G09 - ASME QUALITY SYSTEM CERTIFICATES G22 - NONCONFORMANCE REPORTS G31 - STATEMENT OF CODE (ASME-II OR III) RECONCILIATION (IF REQUIRED) G48 - HYDRO PRESSURE TEST RECORD G49 - LEAKAGE TEST RECORD G51 - PERFORMANCE/FUNCTIONAL TEST RECORD G55 - CERTIFIED MATERIAL TEST RECORDS-MECHANICAL PROPERTIES G56 - CERTIFIED MATERIAL TEST RECORDS-CHEMICAL COMPOSITION G60 - ASME CODE MANUFACTURER'S DATA REPORT G62 - ASSEMBLY DRAWING (1 REPRODUCIBLE + 3 COPIES) G63 - BILL OF MATERIAL G64 - OPERATION & MAINTENANCE MANUAL (2 COPIES) G66 - HANDLING AND INSTALLATION MANUAL (4 COPIES) G67 - MANUFACTURING AND QC INSPECTION PLAN G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G82 - MINIMUM WALL THICKNESS MEASUREMENT RECORD G83 - DESIGN / STRESS REPORT G84 - SEISMIC ANALYSIS REPORT X000 - TECHNICAL SPECIFICATION X04 - ASME CODE REQUIREMENTS						

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

B00 - QUALITY ASSURANCE REQUIREMENTS

B01 - QUALITY ASSURANCE PROGRAM

ALL SERVICES AND ITEMS, INCLUDING THOSE WHICH HAVE TO COMPLY WITH ASME CODE REQUIREMENTS, SHALL BE

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Registered at the District Court of Krško, Entry No.: 1000120000, Basic Capital: 353.544.826,00 EUR

VAT No.: SI61082597 Tax No.: 61082597 ID No.: 5034345000

Tel.: 07 48 02 000, Fax: 07 49 21 528, 07 49 21 006

IBANs: SI56 0292 4001 8793 453 at NLB d.d., Ljubljana; SI56 0400 1004 8892 548 at Nova KBM d. d., Maribor;

SI56 2900 0005 5284 134 at UniCredit Banka Slovenija d.d., Ljubljana; SI56 0315 5100 1607 765 at SKB d.d., Ljubljana

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

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.

F00 - SHIPPING, HANDLING, MARKING AND STORAGE INSTRUCTIONS

F03 - HANDLING, PACKAGING AND SHIPPING

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

F30 - CONTAINER MARKING REQUIREMENTS

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

F31 - THE PURCHASE ORDER NUMBER

F32 - SHORT DESCRIPTION

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

F52 - NEK ITEM NUMBER

F53 - ASME CODE STAMP

F55 - HEAT NO. BATCH NO. OR CODE

F56 - RATING

F57 - MANUFACTURER'S NAME

F59 - ITEM SERIAL NUMBER

F61 - SIZE

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.

G05 - CERTIFICATE OF COMPLIANCE WITH PURCHASE ORDER REQUIREMENTS

THE CERTIFICATE OF COMPLIANCE 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. SUPPORTING DOCUMENTATION TO SUBSTANTIATE THE CERTIFICATE SHALL BE INCLUDED, UNLESS OTHERWISE WAIVED BY NEK.
4. NEK RESERVES THE RIGHT TO DETERMINE THE VALIDITY OF THE CERTIFICATE OF COMPLIANCE BY AN AUDIT OF THE SUPPLIER OR BY AN INSPECTION OR TEST OF THE ITEM(S).

G09 - ASME QUALITY SYSTEM CERTIFICATES

MATERIAL SHALL BE SUPPLIED IN ACCORDANCE WITH ASME SECTION II AND/OR III UNDER AN APPROVED NCA-3800/NA-3700 PROGRAM BY A MATERIAL MANUFACTURER (MM) OR MATERIAL SUPPLIER (MS) HAVING AN ASME QUALITY SYSTEM CERTIFICATE. MATERIAL MANUFACTURER OR MATERIAL SUPPLIER SHALL INCLUDE HIS CERTIFICATE NUMBER AND EXPIRATION DATE ON THE 'CMTR' OR CERTIFICATE OF COMPLIANCE AS REQUIRED BY 'ASME'.

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.

G31 - STATEMENT OF CODE (ASME-II OR III) RECONCILIATION (IF REQUIRED)

THE RECONCILIATION REPORT TO THE ORIGINAL CODE EDITION AND ADDENDA IS REQUESTED TO BE SUBMITTED FOR REVIEW PRIOR TO MACHINING OF PART.

COMPONENT/ PART SHALL MEET THE LATEST ASME CODE EDITION AND ADDENDA APPROVED BY NRC NUCLEAR REGULATORY COMMISSION) AS STATED IN 10 CFR 50.55A.

G48 - HYDRO PRESSURE TEST RECORD

G49 - LEAKAGE TEST RECORD

G51 - PERFORMANCE/FUNCTIONAL TEST RECORD

G55 - CERTIFIED MATERIAL TEST RECORDS-MECHANICAL PROPERTIES

G56 - CERTIFIED MATERIAL TEST RECORDS-CHEMICAL COMPOSITION

G60 - ASME CODE MANUFACTURER'S DATA REPORT

G62 - ASSEMBLY DRAWING (1 REPRODUCIBLE + 3 COPIES)

THE DOCUMENT SHOULD INCLUDE THE FOLLOWING NEK SPECIFIC DATA:

NPP KRŠKO PURCHASE ORDER NUMBER,
NPP KRŠKO TECH.(EQUIPM.)SPEC. NUMBER,
EQUIPMENT ID (TAG)NUMBER.

G63 - BILL OF MATERIAL

BILL OF MATERIAL SHALL INCLUDE ITEM NUMBER, RECOMMENDED SPARE PART, ITEM DESCRIPTION, UANTITY, ITEM PART NUMBER, MATERIAL SPECIFICATION AND ITEMS DESIGNATION: ASME PRESSURE RETAINING PART / SAFETY-RELATED / NONSAFETY- RELATED.

THE BILL OF MATERIAL SHOULD BE SENT AS A PART OF VENDOR DRAWING OR AS A SEPARATE DOCUMENT WITH THE APPLICABLE DOCUMENT NUMBER, SHEET NO. AND REVISION INCLUDING THE REFERENCE VENDOR DRAWING NUMBER/

SHEET/ REVISION AND NEK PO NUMBER.

G64 - OPERATION & MAINTENANCE MANUAL (2 COPIES)

THE DOCUMENT SHOULD INCLUDE THE FOLLOWING NPP KRŠKO SPECIFIC DATA:
NPP KRŠKO PURCHASE ORDER NUMBER,
NPP KRŠKO TECH.(EQUIPM.)SPEC. NUMBER,
EQUIPMENT ID (TAG)NUMBER.

G66 - HANDLING AND INSTALLATION MANUAL (4 COPIES)

G67 - MANUFACTURING AND QC INSPECTION PLAN

THE SUPPLIER SHALL PROVIDE THE ITEM MANUFACTURING ACTIVITIES AND QC INSPECTION PLAN TO NPP KRŠKO FOR THE REVIEW AND DEFINITION OF NPP KRŠKO QC WITNESS / HOLD POINTS.

G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL)

G82 - MINIMUM WALL THICKNESS MEASUREMENT RECORD

G83 - DESIGN / STRESS REPORT

THE DOCUMENT SHOULD INCLUDE THE FOLLOWING NEK SPECIFIC DATA:
NPP KRŠKO PURCHASE ORDER NUMBER,
NPP KRŠKO TECH.(EQUIPM.)SPEC. NUMBER,
EQUIPMENT ID (TAG)NUMBER.

G84 - SEISMIC ANALYSIS REPORT

THE DOCUMENT SHOULD INCLUDE THE FOLLOWING NEK SPECIFIC DATA:
NPP KRŠKO PURCHASE ORDER NUMBER,
NPP KRŠKO TECH.(EQUIPM.)SPEC. NUMBER,
EQUIPMENT ID (TAG)NUMBER.

X000 - TECHNICAL SPECIFICATION

THE ITEMS SHOULD BE SUPPLIED IN ACCORDANCE WITH REQUIREMENTS OF ATTACHED SPECIFICATION NO.: SP-G508A, REV.1

X04 - ASME CODE REQUIREMENTS

ASME SECTION III ITEMS SHALL MEET: CLASS 3
CODE EDITION: 1971 ADDENDA: WINTER 1972

MATERIAL FOR ITEMS GOVERNED BY THE RULES OF ASME SECTION III MAY BE SUPPLIED TO A LATER CODE EDITION OR ADDENDA PROVIDED THAT ALL THE REQUIREMENTS OF THE ORIGINAL CODE EDITION AND ADDENDA OF ASME SECTION II AND III AND NEK SPECIFIED CODE CASE(S) ARE MET AND THE MATERIAL IS CERTIFIED ACCORDINGLY. IN ADDITION, THE SUPPLIER SHALL PROVIDE NEK WITH A STATEMENT OF CODE RECONCILIATION, IF REQUIRED.