



REQUEST FOR INFORMATION ON SUBMARINE SPARES FOR FINANCIAL YEAR 2023/24 FOR THE SOUTH AFRICAN NAVY

Document Number : 11.31/L/22.03
Issue : 1
Date of Issue : 14 July 2022
Keywords : Request for Information, Submarine, Spares

Summary: This document details the information required of the Submarine Spares for the South African Navy.

APPROVAL PAGE**COMPILED BY:**

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1.1. INTRODUCTION**1.1.1. Background**

- (a) The requirement exists within the South African Navy (SAN) for the procurement planning of SAN Submarines Spares to effectively maintain the SAN's submarines operational capabilities.
- (b) The intention is to utilise the information gathered by this Request For Information (RFI) as a guidance for future dated procurement planning of submarine spares.

1.1.2. Purpose

The purpose of this Request for Information (RFI) is to obtain information with respect to the Submarine Spares for the South African Navy.

Note: This is not a Request for Bid or Tender.

1.2. DOCUMENTATION

- (a) Certificates of Authenticity from Original Equipment Manufacturer (OEM), certification from OEM approved parts or any of the classification society certification could form part of the specification criteria during the tender process. Information of alternative suppliers and products are also welcome. It should however be noted that the full design specifications data sheet and performance envelope, as per the DIN standard for said product must be supplied for future consideration.
- (b) The following documents form part of this specification to the extent specified herein. In the event of conflict between the contents of this document and the references cited herein, the contents of this document should take precedence. Nothing in this specification, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

Note: Unless otherwise stated, the approved issue of the referenced documents below, in effect on the issue date of this specification, shall apply.

- (c) A-STD-0020 Armscor General Conditions of Contract
- (d) A-STD-0010 Rules Applicable of Prospective Contractors
- (e) Preferential Procurement Practise Regulations Note 1 of 2017.

1.3. GENERAL INFORMATION**1.3.1. Responses Invited**

It must be stressed that this **is not** a Request for Bids/Proposal/Tender and hence no commercial offers are invited at this time. Estimated budgetary costs will, however, be required. Respondents are therefore requested to supply the following information only:

- (a) Prices must be inclusive of VAT.
- (b) Valid ordering information and part numbers.
- (c) All related costs pertaining to delivery and custom duties.
- (d) Lead times for each item quoted.
- (e) Minimum ordering quantity.
- (f) Any qualification requirement.
- (g) Any other cost or information related to the procurement of these items.
- (h) Recommended replacement parts by the OEM for obsolete parts that is no longer available.

1.3.2. Submission of Information and Communication

- (a) Response to this RFI must be submitted to the Supply Chain Management or Armscor Programme Manager not later than 11:00, South African Time, on the 14 September 2022. Replies can be either email or delivered at, or couriered to the following address:

Armscor SOC

Martello Road

Simon's Town

7995

Attention: Mr M Mbatha (Naval Systems) – mbonim@armscor.co.za

Supply Chain Management - SCMbids@armscor.co.za

- (b) All RFI communication with Armscor shall be directed directly to:

Mr M Mbatha - mbonim@armscor.co.za

Supply Chain Management - SCMbids@armscor.co.za

- (c) The respondents shall appoint a single person for communications with Arm Scor. Details regarding the person (Name/Address/Tel. No./Fax No./e-mail/etc.) must be supplied to Arm Scor as part of the receipt in Appendix A.

1.3.3. Contracting**Future Contracting Requirements**

Copies of the Arm Scor General Conditions of Contract (A-STD-0020), Rules of Procedure for Respondents (A-STD-0010) and Preferential Procurement Practise Regulations are available on the Arm Scor website (www.armscor.co.za). These documents will form the basis of any future contracting. Copies of the Conditions of Contract and Rules of Procedure for Respondents are available on Arm Scor's website at www.armscor.co.za.

1.3.4. Deadlines for Information

The following needs to be returned by:-

Schedule	Response
Immediately	Acknowledgement of Receipt of Request for Information (Appendix A)
RFI publishing 14 July 2022	Queries (request for clarity), shall be emailed as indicated above
As part of the response: as soon as the information is available	Declaration on technical data from US origin (See Appendix B)
11:00, South African Time, on the 14 September 2022. (90 Days after publishing)	Response to this RFI

1.3.5. General Requirements

- (a) All information and responses must be completed in English.
- (b) The Respondent must provide clear responses documentation, either hardcopy format or softcopy formats on a CD or email. Software must be provided in the Microsoft office software package format.
- (c) Unit of measure shall be according to the SI standard.

1.4. REGULATIONS FOR INFORMATION GATHERING**1.4.1. Information Gathering**

- (a) Any additional information desired by a respondent regarding the meaning or interpretation of this RFI shall be requested in writing.
- (b) Any additional information given to a respondent concerning this RFI will be furnished in writing.
- (c) Any additional information will be distributed simultaneously to all respondents as an addendum to this RFI.

1.4.2. Government Authorisation**(a) Government Authorisation to Supply Information**

The respondent will be responsible to obtain the required authorisation from his/her own Ministry of Defence/Government to supply the required information. If the information on equipment from foreign suppliers is applicable, the respondent will be responsible to obtain authorisation from the foreign supplier's Ministry of Defence/Government to disclose such information.

(b) Government Approval to Supply Equipment

It is required that all Respondents will obtain authorisation from his/her own Ministry of Defence/Government to supply the equipment as described in the response. If equipment from foreign suppliers is applicable, the respondent will be responsible to obtain authorisation from the foreign supplier's Ministry of Defence/Government to supply such equipment. Surety is to be obtained that when provided with end user certificates, export of the technology and equipment will be granted.

1.4.3. Statement of Legitimacy

The Respondent shall present a Statement of Legitimacy that the respondent is the appointed representative of the equipment manufacturer, to Armcor.

1.4.4. Compliance to United States of America Legislation

- (a) Respondents to this Request for Information shall take note that it is a contravention of United States of America (USA) legislation to supply Armcor with any USA origin technical data as defined in the International Traffic in Arms Regulations (ITAR) (22 CFR Parts 120-130), unless prior written authorisation of the United States Office of Defence Trade Controls (DTC) (refer to paragraph 120.10 and J120.12 of the ITAR), has been obtained.
- (b) Should the information supplied by the respondent contain USA origin technical data, the respondent shall furnish a written and signed statement containing the following:

- (i) Assurance that the respondent has adhered to the procedures for the export of US origin technical data (refer to Part 125 of the ITAR).
- (ii) Clear identification of all USA origin technical data being supplied to Armcor.
- (iii) A certified copy of DTC's authorisation.
- (c) Should the information supplied by the respondent contain no USA origin technical data, the respondent shall furnish a written and signed statement to that effect.
- (d) The respondent shall also note that should this RFI result in a contract for the supply of defence material to Armcor, and the offer is based on the inclusion of USA origin articles, services and/or technical data, the respondent will have to obtain the necessary authorisation from the DTC for transfer to Armcor at his own risk and cost.

1.4.5. Confidentiality of Information

- (a) The Information contained in this RFI as well as any responses received shall be treated as Company Confidential between Armcor and the party submitting the response.
- (b) A respondent shall not, without the prior written approval of Armcor, disclose any information regarding this RFI or the response, to the media, public body, or any person who is not subject to the Respondent's Code of Confidentiality. Failure to comply with this confidentiality requirement may cause Armcor to render a response null and void.
- (c) Any disclosure by the Respondent to any potential sub-contractor shall be made in confidence and shall extend only as far as may be necessary for the purpose of responding on the RFI.

1.4.6. Industrial Participation Requirements

Not applicable.

1.4.7. Overview of Information Required

This section of the RFI defines the information required from Respondents. The following information is specifically required:

- (a) Prices must be inclusive of VAT.
- (b) Valid ordering information and part numbers.
- (c) All related costs pertaining to delivery and custom duties.
- (d) Lead times for each item quoted.
- (e) Minimum ordering quantity.

- (f) Any qualification requirement.
- (g) Any other cost or information related to the procurement of these items.
- (h) Recommended replacement parts by the OEM for obsolete parts that is no longer available.

1.4.8. Company Information

- (a) Respondents shall also identify the main suppliers of equipment included in the proposed spares and include similar detail with respect to major consortium partners.
- (b) **Budgetary Prices**
 - (i) Respondents shall provide budgetary prices for a complete list as listed in Appendix B. This information is fundamental to the planning and budgeting process for FY2023/24.
 - (ii) Prices shall be quoted on a Free On Board (FOB) basis in US Dollars or Euros valid at the date of submission of the response to the RFI, and all conditions associated with such prices shall be stipulated, including the relevant exchange rate used. Clarification regarding all taxation, insurance and freight costs must also be provided.
 - (iii) Value Added Tax (VAT) and Escalation shall not be included in prices, as an escalation clause will be included in the RFP at a future date to be determined.

1.4.9. Arm Scor Registration

The respondent should furnish Arm Scor with information regarding registration as an Arm Scor supplier is requested. Where respondent is not registered, information is available in the Arm Scor website (www.armscor.co.za). Arm Scor only does business with both Arm Scor registered suppliers and Central Supplier Database (CSD).

1.4.10. Compliance with Arms Control and Non-Proliferation Requirements

The Respondent shall furnish a written and signed statement indicating that they comply with or will comply with the Compliance with Arms Control and Non-Proliferation Requirements.

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APPENDICES

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APPENDIX A: ABBREVIATIONS

DoD	Department of Defence
DTC	Defence Trade Control
FOB	Free On Board
IOS	Item of Supply
ITAR	International Traffic in Arms Regulation
MOTS	Military Off The Shelf
NSN	National Stock Number
OEM	Original Equipment Manufacturer
PHS & T	Packaging, Handling, Storage and Transport
QYT	Quantity
RSA	Republic of South Africa
SAN	South African Navy
SANDF	South African National Defence Force
USA	United States of America
VAT	Value Added Tax

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APPENDIX B: LIST OF SUBMARINE SPARES: FY2023/24

SYSTEM MANAGER SUBMARINES									
SR#	NSN	DESCRIPTION	ORDERING DESCRIPTION	MNF NAME	SUPPLIER NAME	MFR SUPPLY CODE	PART NO	QTY	DOO
1	9150-01-480-5639	AIRCRAFT GREASE;	AIRCRAFT GREASE; SUPPLIED IN A 3KG CONTAINER; MFR SHELL, REF NO: AEROSHELL GREASE 22	SHELL	NU STAR LUBRICANTS	VAYA8	AEROSHELL GREASE 22	20	EA
2	6210-12-376-9438	CHART LIGHT	CHART LIGHT; 12V DC; MFR: AQUA SIGNAL; PART NO: 8313200300	AQUA SIGNAL	YUKON FREIGHT CC	V27L7	8313200300	4	EA
3	5977-12-366-0142	BRUSH	CARBON BRUSH; RECTANGULAR SHAPE; 32X25X12.5 MM; MFR:WEIER ANTRIEBE UND ENERGIE TECHNIK; PART NO:44120	WEIER ANTRIEBE UND ENERGIE TECHNIK;	STOCKLOG CC	V2BA9	44120	20	EA
4	5935-18-186-3999	PRESSURE PROOF SOCKET UNIT	PRESSURE PROOF SOCKET UNIT, COMPLETE; MFR: SCHOLZ INGENIEUR- BUERO; PART NO: SDE 2018	SCHOLZ INGENIEUR- BUERO	STOCKLOG CC	V2BA9	SDE 2018	1	EA
5	5935-18-186-4001	PRESSURE PROOF SOCKET UNIT	PRESSURE PROOF SOCKET UNIT, COMPLETE; MFR: SCHOLZ INGENIEUR- BUERO; PART NO: SDE 5008	SCHOLZ INGENIEUR- BUERO	STOCKLOG CC	V2BA9	SDE 5008	1	EA
6	5330-12-377-3161	GASKET SET	GASKET SET; MFR: JOWO SYSTEMTECHNIK GMBH; PART NO: 43000007	JOWO SYSTEMTECHNIK GMBH;	STOCKLOG CC	V2BA9	43000007	20	EA
7	3040-12-316-0288	PISTON ROD	PISTON ROD; MFR: ABEL GMBH; PART NO: 230-127.15	ABEL GMBH	STOCKLOG CC	V2BA9	230-127.15	4	EA

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8	5330-12-349-0665	V-RING	V-RING; MFR: THYSSENKRUPP MARINE SYSTEMS GMBH; PART NO: HDWN71181-V55A-NBR.	THYSSENKRUPP MARINE SYSTEMS GMBH	CYBICOM ATLAS DEFENCE	D1253	HDWN71181-V55A-NBR.	10	EA
9	4820-12-351-1075	GLOBE VALVE	GLOBE VALVE; MFR: SCHUENEMANN, GEORG GMBH; PART NO: 02-02-016-00-03	SCHUENEMANN, GEORG GMBH	STOCKLOG CC	V0A09	02-02-016-00-03.	4	EA
10	5342-12-357-1763	DOUBLE-PURPOSE ANODE	DOUBLE-PURPOSE ANODE; MFR: DECKMA GMBH; PART NO: S185; CATCHELCO SYSTEM ON SAN CLASS 209 SUBMARINES	DECKMA GMBH	STOCKLOG CC	V2BA9	S185	20	EA
11	4820-12-378-8269	SAFETY VALVE	SAFETY VALVE; MFR: SAUER J.P. & SOHN MASCHINENBAU; PART NO: 041986	SAUER J.P. & SOHN MASCHINENBAU GMBH & CO	STOCKLOG CC	D8265	41986	6	EA
12	5330-12-152-6829	PAKING, MATERIAL	STUFFING BOX PAKING; MFR: MERKEL FREUDENBERG FLUIDTECHNIC GMBH; PART NO: 24107614	MERKEL FREUDENBERG FLUIDTECHNIC GMBH	ABES TECHNOSEAL	V2108	24107614	28	KG
13	6625-12-373-1318	MEASURING CABLE	TEST LEAD (MEASURING CABLE) S52/34-17 TYPE; MFR: RAYTHEON ANSCHUETZ GMBH PART NO: 204001.3022.0.00	RAYTHEON ANSCHUETZ GMBH	RADIO HOLLAND	VXZ56	204001.3022.0.00	2	EA
14	4820-99-716-7830	VALVE SEAT RETAINER	VALVE SEAT RETAINER; MFR: HALE HAMILTON; PART NO: ND21075	HALE HAMILTON	STOCKLOG CC	V2BA9	ND21075	20	EA
15	5330-18-193-7268	PAKING, MATERIAL	STUFFING BOX PAKING; MFR: THYSSENKRUPP MARINE SYSTEMS; PART NO: HDWN26464-1-6	THYSSENKRUPP MARINE SYSTEMS	CYBICOM ATLAS DEFENCE	D1253	HDWN26464-1-6	4	EA
16	4130-12-365-0016	FILTER ELIMENT, AIR CONDITIONING	ACTIVE CHARCOAL CARTRIDGE; MFR: GEA DELBAG-LUFTFILTER; REF NO: 6050331	GEA DELBAG-LUFTFILTER	STOCKLOG CC	V2BA9	6050331	100	EA

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17	5331-99-770-5303	O-RING	O-RING;MFR: HALE HAMILTON; PART NO: B0387	HALE HAMILTON	STOCKLOG CC	V2BA9	B0387	100	EA
18	4820-18-188-8997	MEMBRANE	MEMBRANE; FOR DIFFERENTIAL PRESSURE REGULATOR; MFR: GEORG SCHUNNEMAN GMBH; PART NO: H04134	GEORG SCHUNNEMAN GMBH	STOCKLOG CC	V2BA9	H04134	20	EA
19	5920-00-280-9539	FUSE LINK	FUSE; CARTRIDGE; 20A; 250V AC/125V DC; 32MM NOM LG; 6.3MM NOM DIA; CERAMIC; FAST ACTING; MFR: BUSSMANN; PART NO: ABC20	BUSSMANN	YUKON FREIGHT CC	VZ7L7	ABC20	100	EA
20	5330-99-546-5996	SEALING RING	O-RING;MFR: HALE HAMILTON; PART NO: B03436	HALE HAMILTON	STOCKLOG CC	V2BA9	B03436	100	EA
21	5330-18-188-0115	U-PROFILE SEAL	NONMETALLIC SEAL; MFR: SIEMENS AG I; PART NO: 65279614	SIEMENS AG I	SIEMENS SA	VLP19	65279614	20	EA
22	4810-12-334-9713	SOLENOID VALVE	VALVE SUBASSEMBLY; MFR: DANFOSS POWER SOLUTIONS GMBH & CO. OHG; PART NO: 32F1218	DANFOSS POWER SOLUTIONS GMBH & CO. OHG	STOCKLOG CC	V2BA9	32F1218	20	EA
23	9550-99-391-2118	AEROSHELL GREASE 7	AVIATION GREASE; SUPPLIED IN A 400 GRAM CONTAINER; MFR: SHELL, REF NO: AEROSHELL GREASE 7	SHELL	NU STAR LUBRICANTS	VJ164	AEROSHELL GREASE 7	20	EA
24	5998-18-189-3934	CIRCUIT CARD ASSEMBLY	A10 ACQUISITION CONTROLLER PCB ASSEMBLY; MFR: SAAB GRINTEK DEFENCE (PTY) LTD; PART NO: 460043YY2A032	SAAB GRINTEK DEFENCE (PTY) LTD	SAAB GRINTEK DEFENCE (PTY) LTD	SG811	460043YY2A032	2	EA
25	5945-12-349-0342	ACTUATOR	ELECTROMAGNETIC ACTUATOR; 24 V AC/DC; MFR: BUCHHOLZ-HYDRAULIK; PART NO: 199.02.0.1.13-S.	BUCHHOLZ-HYDRAULIK	STOCKLOG CC	D1253	199.02.0.1.13-S.	10	EA

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26	4820-99-923-2532	VALVE SEAT	VALVE SEAT; MFR: HALE HAMILTON; PART NO: ND2108	HALE HAMILTON	AFRICAN CRYOGENICS	TBC	ND2108	100	EA
27	5330-12-152-0972	GASKET	GLOW VALVE GASKET; MFR: SCHUENEMANN GEORG GMBH; PART NO: 02-00-020-00-00-3	SCHUENEMANN, GEORG GMBH	STOCKLOG CC	V2BA9	02-00-020-00-00-3	20	EA
28	5999-12-374-4593	CONTACT, ELECTRICAL	ARCHING CONTACT; SPRING-LOADED; MFR: SIEMENS; PART NO: HH2NG2181720-A1	SIEMENS	SIEMENS (DBN)	VPL19	HH2NG2181720-A1	36	EA
29	6120-12-367-8820	POWER SUPPLY	POWER SUPPLY; MFR: MTU; PART NO: 0005326164	MTU	MTU SA	V0AQ9	5326164	1	EA
30	4810-12-370-7502	ACTUATOR, HYDRAULIC-PNEUMATIC, ROTARY	HYDRAULIC ACTUATOR; MFR: ARGUS; PART NO: 5501-0005-602101	ARGUS	FLOWERVE PTY LTD	V3HG5	5501-0005-602101	4	EA
31	4330-00-435-5267	RETAINER, PACKING	RETAINER, PACKING; MFR: PARKER-HANNIFIN CORPORATION; PART NO: 8-11-N0300-9	PARKER-HANNIFIN CORPORATION	HYDRON HYDRAULICS	V1417	8-11-N0300-9	50	EA
32	3110-12-348-6122	BEARING, BALL	ANNULAR BALL BEARING; STRAIGHT BORE; RADIAL; 80.0 MM BORE DIA X 125.0 MM OD X 22.0 MM W; 2 SHIELDS; STEEL; TO DIN: 625-6016-2Z	BEARING DISTRIBUTORS	BEARING DISTRIBUTORS	VQH00	625-6016-2Z	20	EA
33	4820-18-188-3909	SEALING SET	SEAL SET; MFR: ARGUS; PART NO: 571568DS	ARGUS	FLOWERVE PTY LTD	V3HG5	571568DS	10	EA
34	5999-00-850-9894	WIRE MESH	AIR-CONDITIONER SEAL; MFR: NOSKE-KAESER GMBH; PART NO: 491733814	NOSKE-KAESER GMBH	BOOYCO ENGINEERING	V6754	491733814	10	EA
35	5330-12-377-0361	GASKET	GASKET; MFR: MANKENBERG GMBH; PART NO: 9301087S	MANKENBERG GMBH	CYBICOM ATLAS DEFENCE	V1FB2	9301087S	100	EA

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36	5330-12-366-7358	PAKING, PREFORMED	VALVE SEAT GASKET; MFR: THYSSENKRUPP MARINE SYSTEMS; PART NO: 417211	THYSSENKRUPP MARINE SYSTEMS	CYBICOM ATLAS DEFENCE	D1253	417211	30	EA
37	6665-12-134-8299	CARBON DIOXIDE	CO2 TEST TUBES; SUPPLIED IN PACK OF 10; MFR: DRAEGER; REF NO: CH23501	DRAEGER	DRAEGER SA	VYX94	CH23501	2	EA
38	5360-18-188-8993	SPRING	SPRING, DIFFERENTIAL PRESSURE REGULATOR; MFR: GEORG SCHUNNEMAN GMBH; PART NO: K01006	GEORG SCHUNNEMAN GMBH	STOCKLOG CC	V2BA9	K01006	12	EA
39	5998-12-366-7261	ELECTRONIC COMPONENTS ASSEMBLY	ELECTRONIC COMPONENTS ASSEMBLY; DF04-VMIE-SCSI-ATM TYPE; MFR: ATLAS ELEKTRONIK GMBH; PART NO: PA4102G010	ATLAS ELEKTRONIK GMBH	CYBICOM ATLAS DEFENCE	V1FB2	PA4102G010	2	EA
40	6630-12-332-8601	TEST TUBES	SELECTOR TUBE H2; SUPPLIED IN PACK OF 10; MFR: DRAEGER; REF NO: 8101511	DRAEGER	DRAEGER SA (LOCAL AGENT)	VYX94	8101511	5	EA
41	6685-18-191-4856	GAGE PRESSURE DAIL INDICATING	AGITATION AIR MEASURING DEVICE; FOR 45PS13K/7 SUBMARINE BATTERIES ON TYPE 209 SUBMARINES; MFR: HAGEN BATTERIE AG; PART NO: 9902746880	HAGEN BATTERIE AG	STOCKLOG CC	V2BA9	9902746880	2	EA
42	5331-12-186-0274	O-RING	O-RING; MFR: PARKER-HANNIFIN GMBH, O-RING DIVISION EUROPE; PART NO: OR14X2 6-090 N3578-80	PARKER-HANNIFIN GMBH, O-RING DIVISION EUROPE	ABES TECHNOSEAL	V2108	OR14X2 6-090 N3578-80	50	EA
43	5930-18-196-4633	SWITCH, PROXIMITY	SWITCH, PROXIMITY; 10-30 VDC; 200 MILLI-AMP; MFR: SCHERSAL; PART NO: IFL 10-30L-01STN-2092	SCHERSAL	ATLANTIC CONTROLE SYSTEMS	V1XMB	IFL 10-30L-01STN-2092	1	EA
44	5998-12-359-3657	CIRCUIT CARD ASSEMBLY	CIRCUIT CARD ASSEMBLY (PLUG-IN BOARD); MFR: MTU; PART NO: 504 530 7792	MTU	MTU (LOCAL AGENT)	V0AQ9	504 530 7792	1	EA
45	6685-99-521-0345	VALVE SEAT BUSH	VALVE SEAT BUSH; MFR: HALE HAMILTON; PART NO: ND638	HALE HAMILTON	AFRICAN CRYOGENICS	TBC	ND638	20	EA

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46	2990-12-372-1159	PREHEATER FOR DG COOLING SYSTEM	PREHEATER; MFR: MTU FREIDRICHSHAFEN GMBH; PART NO: 0002002296	MTU FREIDRICHSHAFEN GMBH	MTU SA	V0AQ9	2002296	4	EA
47	5965-12-373-8329	MICROPHONE, DYNAMIC	MICROPHONE COMPLETE; FOR PERISCOPE; MFR: HENSOLDT; PART NO: 21-000-02-0105840	HENSOLDT	HENSOLDT	TBC	21-000-02-0105840	1	EA
48	4820-99-521-0379	VALVE	VALVE; MFR: HALE HAMILTON; PART NO: ND545	HALE HAMILTON	AFRICAN CRYOGENICS	TBC	ND545	5	EA
49	5975-18-188-3952	SIGNAL DISTRIBUTION UNIT	SIGNAL DISTRIBUTION UNIT (SDU-SERO-ZA); MFR: SAAB GRINTEK DEFENCE (PTY) LTD; PART NO: 400323-50000	SAAB GRINTEK DEFENCE (PTY) LTD	SAAB GRINTEK DEFENCE (PTY) LTD	SG811	400323-50000	1	EA
50	5360-99-951-2497	SPRING, HELICAL COMPRESSION	VALVE SPRING; MFR: HALE HAMILTON; PART NO: ND560	HALE HAMILTON	AFRICAN CRYOGENICS	TBC	ND560	12	EA
51	5330-12-349-0658	PAKING MATERIAL	PAKING MATERIAL; MFR: THYSENKRUPP MARINE SYSTEMS GMBH; PART NO: HDWN2646-3-8X600	THYSENKRUPP MARINE SYSTEMS	CYBICOM ATLAS DEFENCE	D1253	HDWN2646-3-8X600	20	EA
52	6850-18-181-6038	WATER PURIFICATION POWDER	WATER PURIFICATION POWDER; SUPPLIED IN 500 GRAM CONTAINER; MFR: KATADYN DEUTSCHLAND; REF NO: MICROPUR; MCS0.000P	KATADYN DEUTSCHLAND	DATUM DISTRIBUTORS	VJ164	MICROPUR; MCS0.000P	300	EA
53	5977-12-366-2589	CARBON BRUSH	ELECTRICAL CONTACT BRUSH; ONE PIECE; MFR: PILLER; PART NO: 00.4.362.0258	PILLER GERMANY GMBH	ENGINEERING DATA SYSTEMS	VE570	00.4.362.0258	20	EA
54	6130-12-368-1836	DC-DC OUTPUT STAGE	DC-DC OUTPUT STAGE; FOR STATIC CONVERTER ACM 18/60HZ; MFR: PILLER GERMANY GMBH; PART NO: 47.2.491.0004	PILLER GERMANY GMBH	ENGINEERING DATA SYSTEMS	D2269	47.2.491.0004	1	EA
55	5998-12-366-7262	CIRCUIT CARD ASSEMBLY	CIRCUIT CARD ASSEMBLY; DF08-VP7-P3/500-FD-256 TYPE; MFR: ATLAS ELEKTRONIK GMBH; PART NO: PA4102Z004	ATLAS ELEKTRONIK GMBH	CYBICOM ATLAS DEFENCE	V1FB2	PA4102Z004	6	EA

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56	3040-12-370-6954	PARTS KIT	PARTS KIT, LINEAR ACTUATING CYLINDER; MFR: BUCHHOLZ-HYDRAULIC; PART NO: S60214Z74053D	BUCHHOLZ-HYDRAULIK	STOCKLOG CC	V1FB2	S60214Z74053D	20	EA
57	6850-12-364-4356	DESICCANT, ACTIVATED	DESICCANT; SUPPLIED IN A 9 KG CONTAINER; MFR: FREY AUFBEREITUNGSTECHNIK FUER GASE; REF NO: 40800165	FREY AUFBEREITUNGSTECHNIK FUER GASE	STOCKLOG CC	V2BA9	40800165	100	EA
58	5930-12-367-8830	SWITCH, SENSITIVE	LIMIT SWITCH; 28 VDC; 1A; MFR: KISSLING; PART NO: G13.01.1120	KISSLING	RADEL (PTY) LTD	VYQ55	G13.01.1120	5	EA
59	5998-18-189-3953	CIRCUIT CARD ASSEMBLY	A6 RWR CONTROLLER PCB ASSEMBLY; MFR: SAAB GRINTEK DEFENCE (PTY) LTD; PART NO: 460043YY26012	SAAB GRINTEK DEFENCE (PTY) LTD	SAAB GRINTEK DEFENCE (PTY) LTD	SG811	460043YY26012	1	EA
60	6685-00-209-4400	DESICCANT PLUG	DESICCANT CARTRIDGE; MFR: CLARIANT PRODUKTE; REF NO: 24876127701	CLARIANT PRODUKTE	STOCKLOG CC	V2BA9	24876127701	15	EA
61	5330-18-190-1481	PACKING MATERIAL	PACKING RING; FOR THE MAIN BALLAST VENT; MFR: THYSSENKRUPP MARINE SYSTEMS; PART NO: 1095419	THYSSENKRUPP MARINE SYSTEMS	CYBICOM ATLAS DEFENCE	D1253	1095419	20	EA
62	5998-12-367-8474	CIRCUIT CARD ASSEMBLY	CIRCUIT CARD ASSEMBLY; S06-UPS-CONTROL; MFR: ATLAS ELEKTRONIK GMBH; PART NO: PA4101G770	ATLAS ELEKTRONIK GMBH	CYBICOM ATLAS DEFENCE	V1FB2	PA4101G770	1	EA
63	4820-18-188-8988	DIFFERENTIAL PRESSURE REGULATOR	VALVE, DIFFERENTIAL PRESSURE REGULATOR; MFR: GEORG SCHUNNEMAN GMBH; PART NO: H04123	GEORG SCHUNNEMAN GMBH	STOCKLOG CC	V2BA9	H04123	6	EA
64	5950-22-602-3757	SOLENOID COIL	SOLENOID COIL; 110V; 50/60 HZ; 13-15 W; MFR: DANFOSS; PART NO: 018F6730	DANFOSS	KOVCO (LOCAL SUPPLIER)	V2815	018F6730	10	EA

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65	5331-12-373-0997	O-RING	O-RING; MFR: SCHUENEMANN GEORG GMBH; PART NO: K00407	SCHUENEMANN, GEORG GMBH	STOCKLOG CC	V2BA9	K00407	20	EA
66	5330-12-164-2587	SEALING	GASKET; MFR: TRITON-EVAC GMBH; PART NO: D2-35	TRITON-EVAC GMBH	CYBICOM ATLAS DEFENCE	V1FB2	D2-35	50	EA
67	5330-18-193-0285	GASKET	SEALING; FOR THE GAS ABSORBING CHARCOAL FILTER; MFR: THYSSENKRUPP MARINESYSTEMS; PART NO: G51795	THYSSENKRUPP MARINE SYSTEMS	CYBICOM ATLAS DEFENCE	D1253	G51795	20	EA
68	5331-18-191-6282	O-RING	O-RING; MFR: ROETELMANN GMBH; PART NO: 912076	ROETELMANN GMBH	STOCKLOG CC	V2BA9	912076	50	EA
69	5935-12-349-1792	CHARGING CONNECTION PLUG	CHARGING CONNECTION PLUG; MFR: GABLER MASCHINEBAU; PART NO: 301139	GABLER MASCHINEBAU	STOCKLOG CC	V2BA9	301139	2	EA
70	5331-18-181-3128	O-RING	O-RING; FOR STRAIGHT-WAY SAFETY VALVE; MFR: BOPP & REUTHER; PART NO: O-00-03275-070	BOPP & REUTHER	STOCKLOG CC	V2BA9	O-00-03275-070	50	EA
71	5977-12-316-5898	BRUSH	ELECTRICAL CONTACT BRUSH; ONE PIECE; MFR: PILLER; PART NO: 00.4.362.0078	PILLER GERMANY GMBH	ENGINEERING DATA SYSTEMS	VE570	00.4.362.0078	16	EA
72	5331-12-349-0572	O-RING	O-RING; MFR: PARKER-HANNIFIN GMBH, O-RING DIVISION EUROPE; PART NO: OR14X3 6-982 N3578-80	PARKER-HANNIFIN GMBH, O-RING DIVISION EUROPE	PARKER-HANNIFIN GMBH, O-RING DIVISION EUROPE	C0308	OR14X3 6-982 N3578-80	50	EA
73	5330-12-349-0659	PACKING MATERIAL	PACKING MATERIAL; MFR: THYSSENKRUPP MARINE SYSTEMS GMBH; PART NO: HDWN26464-4-10X3100	THYSSENKRUPP MARINE SYSTEMS GMBH	CYBICOM ATLAS DEFENCE	D1253	HDWN26464-4-10X3100	20	EA
74	4320-18-189-5014	SEAL ASSEMBLY, SHAFT SPRING LOADED	MECHANICAL SEAL; FOR BYPASS PUMP TYPE DRV-0201; MFR: SIHI STERLING; PART NO: 43003446	SIHI STERLING	PUMP AND SEAL SERVICES	T8C	43003446	20	EA

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75	9150-18-181-2999	GREASE	GREASE; EP2; SUPPLIED IN 15 KG CONTAINER; MFR: AGIP; REF NO: AUTOL TOP 2000	AGIP	CENTLUBE	TBC	AUTOL TOP 2000	20	EA
76	8030-18-181-6063	SIKAFLEX 291	MARINE GRADE POLYURETHANE SEALING COMPOUND; SUPPLIED IN A 300 ML TUBE; MFR SIKAFLEX; PART NO: SIKAFLEX 261 BLACK	SIKAFLEX	SIKA SOUTH AFRICA	VXR97	SIKAFLEX 261 BLACK	50	EA
77	8040-18-436-6350	LOCTITE 242	THREAD LOCKING SEALANT; MEDIUM; SUPPLIED IN A 50 ML TUBE; MFR: HENKEL; REF NO: LOCTITE 242-31 (MIL-S-46163A)	HENKEL	BEARINGS INTERNATIONAL	TBC	LOCTITE 242-31 (MIL-S-46163A)	50	EA
78	6685-12-373-2241	PRESSURE SENSOR	PRESSURE SENSOR; (65M); MFR: RAYTHEON ANSCHUETZ GMBH; PART NO: 2210009400000	RAYTHEON ANSCHUETZ GMBH	RADIO HOLLAND	VXZ56	2,21001E+12	1	EA
79	8030-18-179-0636	LINDOBLACK	BITUMINOUS COATING; BLACK; SUPPLIED IN A 20 LITRE CONTAINER; MFR: INTERNATIONAL PAINTS; REF NO: INTERTUF 16-JBA016-BLACK	INTERNATIONAL PAINTS	ASTRO PAINTS CC	VATT6	INTERTUF 16-JBA016-BLACK	20	LI
80	5330-18-189-5012	RING, RETAINING	QUAD RING; MFR: TRELLEBORG SEALING SOLUTIONS; PART NO: 4212	TRELLEBORG SEALING SOLUTIONS	HYDRANET SA	VBWA8	4212	60	EA
81	5331-18-188-0854	O-RING	O-RING; MFR: SIEMENS AG; PART NO: 64445455	SIEMENS AG	SIEMENS	VPL19	64445455	20	EA
82	5360-12-332-7518	PRESSURE SPRING, SPRING FOR MANUAL CONTROL SLIDE VALVE X164	PRESSURE SPRING; MFR: BUCHHOLZ; PT.NO: B08582-0354-4	BUCHHOLZ-HYDRAULIK	STOCKLOG CC	V2BA9	B08582-0354-4	8	EA
83	5331-12-127-4622	NBR O-RING	O-RING; FREUDENBERG SEALING TECHNOLOGIES GMBH & CO. KG; PART NO: OR17,3X2,4-72NBR/872	SEALING TECHNOLOGIES GMBH & CO. KG	STOCKLOG CC	V2BA9	OR17,3X2,4-72NBR/872	100	EA
84	4320-12-377-1688	IMPELLER, PUMP	IMPELLER, PUMP, CENTRIFUGAL; MFR: ABEL GMBH & CO. ; PART NO: 36293	ABEL GMBH	STOCKLOG CC	V2BA9	36293	2	EA

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85	5330-12-377-2910	GASKET SET	GASKET SET; MFR: JOWO SYSTEMTECHNIK GMBH; PART NO: 43000008	JOWO SYSTEMTECHNIK	STOCKLOG CC	V2BA9	43000008	20	EA
86	5330-18-193-0294	SEAL SET	SEAL SET; MFR: JOWO SYSTEMTECHNIK GMBH; PART NO: 43000011	JOWO SYSTEMTECHNIK	STOCKLOG CC	V2BA9	43000011	20	EA
87	4820-12-377-1041	SEAT, VALVE	VALVE SEAT; MFR: JOWO SYSTEMTECHNIK AG; PART NO: 60000056	JOWO SYSTEMTECHNIK	STOCKLOG CC	V2BA9	60000056	20	EA
88	3040-12-377-1698	CYLINDER, ACTUATING, LINEAR	CYLINDER, LINING; MFR: ABEL GMBH; PART NO: 230- 209.305	ABEL GMBH	STOCKLOG CC	V2BA9	230-209.305	4	EA
89	4810-12-377-5574	VALVE, SOLENOID, COIL	MAGNET, SOLENOID VALVE; MFR: JOWO SYSTEMTECHNIK AG; PART NO: 4400001	JOWO SYSTEMTECHNIK	STOCKLOG CC	V2BA9	4400001	20	EA
90	4010-99-168-9646	CHAIN DUAL	CHAIN, DUAL, MIN-E-PITCH; RELIANCE PRECISION LIMITED; PART NO: 3DCF-400	RELIANCE PRECISION LIMITED	STOCKLOG CC	V2BA9	3DCF-400	1	EA
91	4010-12-373-2547	WIRE ROPE ASSEMBLY SINGLE LEG	WIRE ROPE ASSEMBLY, SINGLE LEG; MFR: THYSSENKRUPP MARINE SERVICES GMBH; PART NO: 130301/7323-14-30-00	THYSSENKRUPP MARINE SERVICES GMBH	CYBICOM ATLAS DEFENCE	D1253	130301/7323-14-30-00	8	EA
92	5330-12-377-3456	PACKING, PREFORMED	PACKING, PREFORMED; MFR: THYSSENKRUPP MARINE SERVICES GMBH; PART NO: H20134	THYSSENKRUPP MARINE SERVICES GMBH	CYBICOM ATLAS DEFENCE	D1253	365/1552-01-00-05	10	EA
93	3040-18-189-5205	COLLAR, SHAFT	BUSH, FOR RETRACTABLE SUPPORTING BOLTS; MFR: THYSSENKRUPP MARINE SERVICES GMBH; PART NO: 365/1552-01-00-17	THYSSENKRUPP MARINE SERVICES GMBH	CYBICOM ATLAS DEFENCE	D1253	365/1552-01-00-17	10	EA
94	5330-18-189-5227	GASKET	GASKET; MFR: THYSSENKRUPP MARINE SERVICES GMBH; PART NO: 899143	THYSSENKRUPP MARINE SERVICES GMBH	CYBICOM ATLAS DEFENCE	D1253	899143	20	EA

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95	5365-18-188-7399	BUSH	BUSH; MFR: THYSSENKRUPP MARINE SERVICES GMBH; PART NO: 365/1552-01-00-16	THYSSENKRUPP MARINE SERVICES GMBH	CYBICOM ATLAS DEFENCE	D1253	365/1552-01-00-16	10	EA
96	5365-18-188-7401	BUSH	BUSH; MFR: THYSSENKRUPP MARINE SERVICES GMBH; PART NO: 365/1552-01-00-04	THYSSENKRUPP MARINE SERVICES GMBH	CYBICOM ATLAS DEFENCE	D1253	365/1552-01-00-04	32	EA
97	5311-12-373-4766	O - RING	O-RING; MFR: HYDAC SERVICE GHBH; PART NO: 6004701.	THYSSENKRUPP MARINE SERVICES GMBH	CYBICOM ATLAS DEFENCE	D1253	6004701	100	EA
98	3010-18-189-6201	SPIDER, UNIVERSAL JOINT	STONE; FOR RETRACTABLE SUPPORTING BOLTS; MFR: THYSSENKRUPP MARINE SYSTEMS; PT NO:365/4351-12-00-03	THYSSENKRUPP MARINE SERVICES GMBH	CYBICOM ATLAS DEFENCE	D1253	365/4351-12-00-03	10	EA
99	5330-18-189-5383	GASKET	GASKET; MFR: THYSSENKRUPP MARINE SYSTEMS GMBH; PART NO: 52890	THYSSENKRUPP MARINE SERVICES GMBH	CYBICOM ATLAS DEFENCE	D1253	52890	20	EA
100	5331-12-367-7910	O-RING	O-RING; MFR: GOSSLER FLUITEC GHBH; PART NO: OR250X5-NBR80	GOSSLER FLUITEC GHBH	GOSSLER FLUITEC GHBH	D1253	OR250X5-NBR80	50	EA
101	5351-18-189-5221	STUFFING BOX	STUFFING BOX PACKING; MFR: THYSSENKRUPP MARINE SER SERVICES GMBH; PART NO: 109900	THYSSENKRUPP MARINE SER SERVICES GMBH	CYBICOM ATLAS DEFENCE	D7085	109900	30	EA
102	4820-12-370-9929	VALVE SAFETY RELIEF	VALVE,SAFETY RELIEF; MFR. THYSSENKRUPP MARINE SYSTEMS GMBHSCIFFBAU; PT. NO. G28742	THYSSENKRUPP MARINE SYSTEMS GMBHSCIFFBAU	CYBICOM ATLAS DEFENCE	D1253	0-36-21811.3	2	EA
103	5925-12-354-3084	CIRCUIT BREAKER	POSITION INDICATING DEVICE;MFR:SIEMENS;PART NO: 3W11627	SIEMENS	SIEMENS(DBN)	VPL19	3W11627	2	EA
104	9150-12-359-7631	REFRIGERATOR OIL BSE 170.1L	REFRIGERATOR OIL;SUPPLIED IN A 1 LITRE CONTAINER;MFR:BITZER KUHLMASCHINENBAU	BITZER KUHLMASCHINENBAU	BITZER	D1013	915115-02	15	EA

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105	5330-18-191-7581	GASKET	GASKET;NBR65;MATERIAL:A1AP494157;MFR:SIEMENS AG;PART NO:K152782	SIEMENS	SIEMENS (DNB)	VPL19	K152782	8	EA
106	5930-12-377-5770	SWITCH,THERMOSTAT	THERMOSTATIC SWITCH;400 VAC;230 VDC;10 A;MFR:DANFOSS;PART NO:017-501666	DANFOSS	METRACLARK	V2027	017-501666	1	EA
107	5977-12-366-0141	BRUSH, ELECTRICAL	BRUSH, ELECTRICAL CONTACT;ONE PIECE;TYPE ELEC5060391;MFR:MORGAN-REKOFA;PART NO:EC 1 3245	MORGAN-REKOFA	MORGANITE SOUTH AFRICA (SOLE AGENT)	VBIB5	EC 1 3245	40	EA
108	2910-18-189-5302	BACK UP RING	BACK-UP RING;PARHER HANNIFIN;PART NO:8-211-N300-90	PARKER-HANNIFIN	SA SEALING SYSTEMS	VTM04	8-211-N300-90	20	EA
109	5315-12-142-0682	KEY, MACHINE	KEY;MFR:ROLLS ROYCE SOLUTIONS GMBH;PART NO:006885006030	ROLLS ROYCE SOLUTIONS	ROLLS- ROYCE SA	V0AQ9	6885006030	20	EA
110	8030-18-189-8378	SILICONE JOINT SEALANT; CLEAR	SILICONE JOINT SEALANT; CLEAR; SUPPLIED IN A 310 ML CARTRIDGE; MFR: BASF, REF NO: 00109460 PCI SILCOFUG E	BASF	STOCKLOG CC	V2BA9	00109460 PCI SILCOFUG E	24	EA
111	4320-12-359-2416	WEARING RING;	WEARING RING; MFR: ABEL GMBH; PART NO: 35401	ABEL GMBH	STOCKLOG CC	V2BA9	35401	6	EA
112	4820-12-373-5423	FLOAT VALVE	FLOAT VALVE; MFR:HANS RICHTER REFOX;PART NO:3SCH70N1QOC	HANS RICHTER REFOX	STOCKLOG cc	V05W0	3SCH70N1QOC	6	EA
113	4320-12-376-0413	PISTON, PUMP	PISTON;PUMP;MFR:SPECK-KOLBENPUMPEN;PT NO:11.0272	SPECK-KOLBENPUMPEN	STOCKLOG CC	V05W0	11,0272	6	EA
114	4320-12-376-9811	IMPELLER, PUMP	IMPELLER;STAINLESS STEEL 1.4517;100 MM DIA;18 MM W;MFR STERLING SIHI GMBH;PART NO:20008221	STERLING SIHI	STERLING SIHI	D7610	20008221	5	EA

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115	5330-12-312-4803	RING, WIPER, RUBBER	WIPER RING; MFR: MARKEL FREUDENBERG FLUIDTECHNIC GMBH; PART NO: 2511-004.784	MARKEL FREUDENBERG FLUIDTECHNIC	MARKEL FREUDENBERG FLUIDTECHNIC	D8787	2511-004.784	20	EA
116	5360-12-313-6804	SPRING, HELICAL, COMPRESSION	HELICAL COMPRESSION SPRING; MFR: ABEL GMBH; PART NO: 931-130	ABEL GMBH	MARKEL FREUDENBERG FLUIDTECHNIC	C3858	931-130	20	EA
117	5330-12-315-6606	PARKING ASSEMBLY; 75.0MM	PARKING ASSEMBLY; MFR: MARKEL FREUDENBERG FLUIDTECHNIC GMBH; PART NO: 0040-070-026	MARKEL FREUDENBERG FLUIDTECHNIC	MARKEL FREUDENBERG FLUIDTECHNIC	D8787	0040-070-026	20	EA
118	5331-12-322-4542	O-RING, 23.0 MM ID X 3.0MM	O-RING; MFR: MARKEL FREUDENBERG; PART NO: 445931	ABES TECHNO SEAL	ABES TECHNO SEAL	D2480	445931	20	EA
119	4820-12-332-4946	VALVE, STOP-CHECK	VALVE, STOP-CHECK; MFR: SCHUENEMANN GEORG GMBH; PT NO: 02-22-016-00-01	SCHUENEMANN, GEORG GMBH	SCHUENEMANN, GEORG GMBH	D1715	02-22-016-00-01	5	EA
122	4820-12-370-9954	VALV SAFETY RELIEF, 40 BAR; DN 200	PRESSURE SPRING; FOR SAFETY VALVE DN200; MFR: BOPP & REUTHER/ZOLLEN; PT NO: 1-34-22952-551	BOPP & REUTHER/ZOLLEN	BOPP & REUTHER/ZOLLEN	TBC	PT NO: 1-34-22952-551	2	EA
123	6320-12-372-9503	TRANSMITTER, RUDDER ANGLE	RUDDER ANGLE TRANSMITTER; AUTO; MFR: RAYTHEON ANSCHUETZ; PT NO: 22091-1000-000	RAYTHEON ANSCHUETZ GMBH	RAYTHEON ANSCHUETZ GMBH	D2865	22091-1000-000	1	EA
124	5330-12-349-0660	H PACKING	PACKING MATERIAL; MFR: THYSSENKRUPP MARINE SYSTEMS GMBH; PART NO: HDWN26464-4-10X3900	THYSSENKRUPP MARINE SYSTEMS	CYBICOM ATLAS DEFENCE	D1253	HDWN26464-4-10X3900	20	EA
125	5330-12-349-0661	H PACKING	PACKING MATERIAL; MFR: THYSSENKRUPP MARINE SYSTEMS GMBH; PART NO: HDWN26464-5-10X900	THYSSENKRUPP MARINE SYSTEMS	CYBICOM ATLAS DEFENCE	D1253	HDWN26464-5-10X900	20	EA
126	5330-12-148-1082	GASKET	SEALING RING; MFR: SAUER J.P. & SOHN MASCHINENBAU; PT NO: 005 139	SAUER J.P. & SOHN MASCHINENBAU GMBH & CO	STOCKLOG CC	D8265	5 139	8	EA

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127	5331-12-165-4992	O-RING	O-RING; MFR: FREUDENBERG SEALING TECHNOLOGIES GMBH & CO. KG; PART NO: OR11X2,5-80NBR/709	FREUDENBERG SEALING TECHNOLOGIES GMBH & CO.	FREUDENBERG SEALING TECHNOLOGIES GMBH & CO.	TBC	OR11X2,5-80NBR/709	100	EA
128	4820-12-353-8517	VALVE, FLOAT	FLOAT VALVE; FLEXVENT R 3/8" M; MFR: FLAMCO WEMEFA GMBH; PART NO: 27750	FLAMCO WEMEFA GMBH	STOCKLOG CC	V2BA9	27750	10	EA
129	4540-12-190-0236	EXPANSION TANK	EXPANSION TANK; MFR: FLAMCO FLEXCON GMBH; PART NO: AIRFIX-D12	FLAMCO FLEXCON GMBH	STOCKLOG CC	V2BA9	AIRFIX-D12	8	EA
130	4820-12-351-8880	VALVE, EXPANSION	THERMOSTATIC EXPANSION VALVE WITH BULB STRAP; MFR: DANFOSS GMBH; TYPE CODE: TEN 2; PART NO: 06823370	DANFOSS GMBH	METRACLARK	V2027	06823370	20	EA
131	5330-12-377-0300	RETAINER, PACKING	RETAINER, PACKING; MFR: XOMOX INTERNATIONAL GMBH; PART NO: 188423-427A	XOMOX INTERNATIONAL GMBH	CONTROL VALVE TECHNOLOGY CC	VAEX8	188423-427A	20	EA
132	4820-12-376-9398	RETAINER, SEAT, VALVE	VALVE SEAT RETAINER; MFR: XOMOX INTERNATIONAL GMBH; PART NO: 185083-427X	XOMOX INTERNATIONAL GMBH	CONTROL VALVE TECHNOLOGY CC	VAEX8	185083-427X	20	EA
133	4820-12-367-8063	ANGLE BALL COCK	BALL COCK; ARGUS; PART NO: 3331-0080-579139	ARGUS	FLUVAL UKUVALA WETERN CAPE(PTY)LTD	V1G68	3331-0080-579139	1	EA
134	6680-12-370-3803	TRANSMITTER	TRANSMITTER; MFR: GEMS SENSORS GMBH; PART NO: 030-0697	GEMS SENSORS GMBH	STOCKLOG CC	V2BA9	030-0697	2	EA
135	6130-12-368-1837	OUTPUT STAGE INVERTER ACM18/60HZ	OUTPUT STAGE INVERTER; FOR STATIC CONVERTER ACM 18/60HZ; MFR: PILLER GERMANY GMBH; PART NO: 47.2.491.0005	PILLER GERMANY GMBH	ENGINEERING DATA SYSTEMS	V2BA9	47.2.491.0005	1	EA
136	4810-12-370-7437	VALVE, GLOBE	GLOBE VALVE; MFR: PALL WASSERTECHNIK GMBH; PART NO: 03304	PALL WASSERTECHNIK	ALLSURVEY	V9V56	3304	2	EA

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137	5330-18-193-0293	SEAL SET	SEAL SET;JOWO SYSTEMTECHNIK GMBH;PART NO:43000010	JOWO SYSTEMTECHNIK GMBH	CONTROL VALVE TECHNOLOGY CC	VAEX8	43000010	20	EA
138	7050-12-376-9941	COMPUTER SUB SYSTEM	COMPUTER SUBASSEMBLY;EXPANSION MODULE;MFR:SIEMENS;PART NO:6DD1607-0CA1	SIEMENS	SIEMENS(DBN)	VPL19	6DD1607-0CA1	1	EA
139	5315-18-188-9791	Bearing Bolt	BEARING BOLT; 8MM DIA X 55MM LG; MFR: SIEMENS; PART NO: HH4NT2490411	SIEMENS	SIEMENS	VPL19	HH4NT2490411	18	EA
140	5330-18-193-4522	Seal Nonmetallic	SEALING;MFR:THYSSENKRUPP MARINE SERVICES GMBH;PART NO:G50967	THYSSENKRUPP MARINE SYSTEMS	CYBICOM ATLAS DEFENCE	D1253	G50967	100	EA
141	5330-12-349-0657	Packing Material	STUFFING BOX PACKING; MFR: THYSSENKRUPP MARINE SYSTEMS GMBH; PART NO: HDWN26464-3-12,5X680.	THYSSENKRUPP MARINE SYSTEMS	CYBICOM ATLAS DEFENCE	D1253	HDWN26464_3_12,5X680	20	EA
142	4820-12-370-8760	Ball Valve Repair Kit	BALL VALVE REPAIR KIT; MFR: ARGUS; PT. NO: 558471DS	ARGUS	ARGUS	TBC	558471DS	10	EA
143	4820-12-370-9290	Ball Valve Repair Kit	BALL VALVE REPAIR KIT; MFR: ARGUS; PT. NO: 701092DS	ARGUS	ARGUS	TBC	701092DS	10	EA
144	2090-18-182-6906	Accumulator, Hydraulic	DIAPHRAGM ACCUMULATOR; MFR: HYDAC INTERNATIONAL;PART NO:SBO210-0,16E1/342U3-140M E	HYDAC INTERNATIONAL	HYDAC INTERNATIONAL	TBC	SBO210-0,16E1/342U3-140M E	16	EA
145	5330-12-377-2893	Gasket Graphite	GASKET; MFR: THYSSENKRUPP MARINE SYSTEMS GMBH; PART NO: 966319	THYSSENKRUPP MARINE SYSTEMS	CYBICOM ATLAS DEFENCE	D1253	966319	30	EA
146	4810-12-370-7533	GLOBE VALVE	GLOBE VALVE; MFR: PALL WASSERTECHNIK GMBH; PART NO: 40006214	PALL WASSERTECHNIK GMBH	PALL WASSERTECHNIK GMBH	TBC	6920	4	EA

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147	7050-12-396-4596	VME Bus CPU	VME BUS CPU I/O MASTER;MFR:RAYTHEON ANSCHUETZ GMBH;PART NO:225601.3800.000.01	RAYTHEON ANSCHUETZ GMBH	RADIO HOLLAND	V6FV1	225601.3800.000.01	1	EA
148	4820-12-332-5195	DIAPHRAGM ACTUATOR VALVE	DIAPHRAGM;FOR PRESSURE REDUCER VALVE;MFR:SCHUENEMANN; PART NO:30.11.020.05.01	SCHUENEMANN	HYDRA MARINE	VBNZ8	30.11.020.05.01	20	EA
149	6680-12-370-4029	TRANSMITTER	TRANSMITTER, MFR;GEMS SENSORS GMBH;PART NO:030-0696	GEMS SENSORS GMBH	STOCKLOG CC	V2BA9	030-0696	6	EA
150	5330-12-332-6960	SEAT SEALING	GASKET (Seat Sealing) Mfr Schuenemann. Part No: 02-22-032-06-01	SCHUENEMANN	HYDRA MARINE	VBNZ8	02-22-032-06-01	20	EA
151	5998-12-366-9355	Circuit Card Assembly	Circuit Card Assembly	RWE Piller GMBH	RWE Piller GMBH	D2269	48.2.196.3340	2	EA

ANNEXURES

ANNEXURE A: Acknowledgement of Receipt of Request for Information**Request for Information on Submarine Spares for FY 2023/24 for the SA Navy****To:**

The Programme Manager
Naval Systems
Armcor
P.O Box 323
82 St Georges Street
Simon's Town
7995
South Africa
Fax: (021) 787 5260
Attention: Mr M. Mbatha

Receipt of the request for information for Counter Mine Warfare Apparatus is hereby acknowledged. (Complete in block letters).

Date: _____

Company	Contact Details
Name:	Name:
Address	Tel.:
	Fax:
	Email:

Signature:

Name:**Office Stamp**

RESTRICTED

ANNEXURE B: Declaration on information from United States Origin**Request for Information on Submarine Spares for FY 2023/24 for the SA Navy**

I hereby declare that no technical data from United States origin, as defined in the International Traffic in Arms Regulation (ITAR) (22 CFR Parts 120-130), have been included in the response to the Request for Information for Counter Mine Warfare Apparatus.

Date: _____

Company	Contact Details
Name:	Name:
Address	Tel.:
	Fax:
	Email:

Signature:

Name:

Company Stamp

Position: