

LOCAL PURCHASE DIVISION – PAKISTAN NAVY

TERMS & CONDITIONS FOR INVITATION TO TENDERS TO BE OPENED ON 19-05-2026

1. ALL FIRMS (REGISTERED / UN REGISTERED) REQUIRED TO PAY TENDER FEES @ RS 500/- PER QUOTATION IN SHAPE OF BANK DRAFT / PAY ORDER/ CROSS CHEQUE / ONLINE TRANSFER (NON REFUNDABLE) IN FAVOUR OF “PN NONPUBLIC FUND LP DIVISION IT FUND ACCOUNT” (ACCOUNT NO. PK04 MEZN 0001 7001 0321 0586)
2. IN CASE OF ONLINE PAYMENT, PROOF OF ONLINE DEPOSIT IN ACCOUNT NO. PK04 MEZN 0001 7001 0321 0586 IS TO BE ATTACHED WITH RELEVANT QUOTATION.
3. FURTHERMORE, ALL NON REGISTERED FIRMS ARE TO PAY BG @ 5% OF THE PURCHASE ORDER VALUE, IN SHAPE OF PAY ORDER / BANK DRAFT VALID FOR SIX (6) MONTHS. THEREAFTER PURCHASE ORDER WILL BE ISSUED.
4. TO AVOID PAYMENT OF BG, ALL NON REGISTERED FIRMS ARE ENCOURAGED TO GET THEMSELF REGISTER WITH HQ COMLOG. FOR DETAILS PLEASE CONTACT SO CONTRACT ON 021-48506138.

5. STANDARD DELIVERY TIME OF LOCALLY AVAILABLE ITEMS IS 15 DAYS AND IMPORTED ITEMS IS 45 DAYS.

6. LAB TESTING CHARGES IF ANY WILL BE BORNE BY FIRM.

7. FOR ANY QUERY FIRM MAY CONTACT LOCAL PURCHASE DIVISION, THROUGH TELEPHONE, VIA EMAIL OR WHATSAPP

EMAIL: clp@paknavy.gov.pk, localpurchasedivision@gmail.com

PHONE: 021-48508524, 48508828, 48508720

WHATSAPP NO. 092-322-0188121, 092-341-0201888 (Message Only)

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
1	DNH101566	NIL	4110705069588 / DEEP FREEZER 17-CUFT 190-230V 50HZ SINGEL PHASE	WAVES DEEP FREEAER 17-CUFT	1 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
2	DNG98635	5000S4823F841499 REVG	4730009269626 / STRAINER SEDIMENT SIZE 1/1/2 INCH BRONZE	HPAC	14 / EACH/NUMBER						TECHNICAL SPECIFICATION - bronze body size: 1/1/2 INCH threaded or flanged pipeline inline mouting naval ship piping system cast brinze corrosion-resistant housing removable perforated or mesh filter element threaded clean out cap sealing gasket GENERAL SPECIFICATION - bronze body size: 1/1/2 INCH threaded or flanged pipeline inline mouting naval ship piping system cast brinze corrosion-resistant housing removable perforated or mesh filter element threaded clean out cap sealing gasket	
3	DNQ101577	1-3-150 DEVELOPED BY DTD	4730992542747 / CLAMP PIPE REPAIR-38-42MM LG 75MM	DAMAGE CONTROL & FIRE FIGHTING EQUIOMENT	7 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
4	DNM102027	3019158	5330010801773 / GASKIT RADIATOR CUMMINS D/G	CUMMINS ENGINE D/G	1 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
			NT-855-G4									
5	DNQ101322	11/454/3/10/2745	533099923890 5 / STRIP RUBBER SHEET	4.5" MK-8 GUN	2 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
6	DNQ102074	11/454/3/10/2745	533099923890 5 / STRIP RUBBER SHEET	4.5" MK-8 GUN	2 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
7	DNQ101402	11/454/3/10/2745	533099923890 5 / STRIP RUBBER SHEET	4.5" MK-8 GUN	2 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
8	DNQ101348	0413-2183	597099923966 3 / TAPE INSULATION ELECTRICAL	GENETAL USE	98 / EACH/NUMBER						TECHNICAL SPECIFICATION - Brand: OSAKA, NEETO . Packing details: 10-12 in each packing GENERAL SPECIFICATION - Brand: OSAKA, NEETO . Packing details: 10-12 in each packing	
9	DPK101695	RIMULA R4X SAE 15W-40	915012149831 6 / SHELL RIMULA R4X - API CI-4 SAE 15W40 (PACKING OF 209 LITERS)	MTU DIESEL ENGINE	840 / LITER						TECHNICAL SPECIFICATION - VISCOSITY INDEX:126 GENERAL SPECIFICATION - VISCOSITY INDEX: 126	
10	DNH101550	NO DATA AVAILAB LE	130850053012 6 / DEEP FREEZER 12 CUFT 220 V AC WAVES		2 / EACH/NUMBER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
11	DNH101714	NO DATA AVAILAB LE	130850053012 6 / DEEP FREEZER 12 CUFT 220 V AC WAVES		1 / EACH/NUMBER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
12	DPK101616	TCW3 NMMA	072150000001 3 / LUB OIL OMD-23 FOR TWO STROKE OUTBOARD GASOLINE ENGINE NMMA GRADE		282 / LITER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - ADDINOL NMMA TCW3 01 LTR PACKING LOCALLY AVBLE GENERAL SPECIFICATION - ADDINOL NMMA TCW3 01 LTR PACKING LOCALLY AVBLE	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
			TCW3									
13	DPK1014 30	TCW3 NMMA	07215000001 3 / LUB OIL OMD-23 FOR TWO STROKE OUTBOARD GASOLINE ENGINE NMMA GRADE TCW3		250 / LITER	NO DATA AVAILAB LE					<u>TECHNICAL SPECIFICATION - ADDINOL NMMA TCW3 01 LTR PACKING LOCALLY AVBLEGENERAL SPECIFICATION -ADDINOL NMMA TCW3 01 LTR PACKING LOCALLY AVBLE</u>	
14	DPK1006 77	BELZONA 2911	685099168791 5 / CONDITIONER 2911(FOR BELZONA 2211)		1 / GRAM	NO DATA AVAILAB LE					<u>TECHNICAL SPECIFICATION - NO DATA AVAILABEGENERAL SPECIFICATION - NO DATA AVAILABLE</u>	
15	DNH101 427		130854601108 1 / REFRIGERAT OR 10.CU FT- 220V AC (NO FROST)		1 / EACH/N UMBER						<u>TECHNICAL SPECIFICATION - NO DATA AVAILABEGENERAL SPECIFICATION - NO DATA AVAILABLE</u>	
16	DSA9735 6	61007	593070523322 1 / SELECTOR SWITCH		2 / EACH/N UMBER	NO DATA AVAILAB LE					<u>TECHNICAL SPECIFICATION - NO DATA AVAILABEGENERAL SPECIFICATION - NO DATA AVAILABLE</u>	
17	DSB1004 54	AV199909 70045	087013170343 9 / Aluminum Filter Metal AL- Mg 4.5 M		7 / KILOGR AMME	NO DATA AVAILAB LE					<u>TECHNICAL SPECIFICATION - Aluminum Filter Metal AL-Mg 4.5 Mn Diameter : 1.2 mm Welding Process: MIG Shielding Gas: Argon Classification: AWS A 5-10: ER 5183 GENERAL SPECIFICATION - Aluminum Filter Metal AL-Mg 4.5 Mn Diameter : 1.2 mm Welding Process: MIG Shielding Gas: Argon Classification: AWS A 5-10: ER 5183</u>	
18	DSA9766 6	UVM9311 G/UVM- 9311	4610TY671493 6 / WATER FILTRATION UNIT		1 / EACH/N UMBER	UVM9311					<u>TECHNICAL SPECIFICATION - model:uvm9311, oem; so safeGENERAL SPECIFICATION - model:uvm9311, oem; so safe</u>	
19	DNQ101 744	itd/-----	421059528927 5 / FIRE EXTINGUISHE R, STORED		92 / EACH/N UMBER	NA					<u>TECHNICAL SPECIFICATION - PN SPECS 11-004 OF 2005GENERAL SPECIFICATION - PN SPECS 11- 004 OF 2005</u>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
			PRESSURE TYPE, DRY CHEMICAL POWDER 11.4 KG (25 LBS) DEEP DRAWN STAINLESS BODY									
20	DNM101707	145046110	473078523563 3 / THERMOSTAT HOUSING		1 / EACH/NUMBER	SDG15PS					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
21	DPC101675	100	534071516068 8 / CHIPS WHITE (SIZE 1/8" FULL 4-6 PARTIAL 25-200 ft2/lb)	DECK COVERING FOR CONCRETE SURFACE	34 / BAG			OEM:ORIGINAL COLOR CHIPS,A DIVISION OF NORKAN INC. 26200 GROESBECK HWY, WARREN,MI 48089 PHONE:586-771-6500/FAX:586-771-6501.	ORIGINAL COLOR CHIPS,A DIVISION		TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
22	DNM101715	FF5488/3959612	433001530004 4 / FILTER FUEL	CUMMINS MAIN ENGINE CUMMINS MODEL QSB6.77305MD	4 / EACH/NUMBER	QSB6.7-305MD		M/s Cummins Inc 500 Jackson Street Columbus IN, USA	M/s Cummins Inc		TECHNICAL SPECIFICATION - M/s Cummins Inc 500 Jackson Street Columbus IN, USA GENERAL SPECIFICATION - M/s Cummins Inc 500 Jackson Street Columbus IN, USA	
23	DPK101551	ZIC ATF 3	915073522136 9 / ZIC ATF 3 DEXRON SYNTHETIC TRANSMISSION FLUID	TILT & TRIM ASSEMBLY	30 / LITER	ZIC ATF 3	NIL	SK LUBRICANTS 26, JONG-RO-JONGNO-GU, SEOUL, KOREA www.skzic.com Made in Korea	SK LUBRICANTS		TECHNICAL SPECIFICATION - ZIC ATF3 GM DEXRON-III H Ford Mercon Alliason C-4 Fully Synthetic Used in MFBs & Rhibs (Tilt & trim assembly) GENERAL SPECIFICATION - ZIC ATF3 GM DEXRON-III H Ford Mercon Alliason C-4 Fully Synthetic Used in MFBs & Rhibs (Tilt & trim assembly)	
24	DPK101540	HA5440	915073516428 5 / SEA STAR HYDRAULIC FLUID	HYDRAULIC	30 / GALLON	F350A	6AW-1004474	TELEFLEX MARINE CANADA 3831 NO. 6 ROAD RICHMOND, B.C CANADA V6V 1P6 FAX: 604-270-7172 WWW.seastarsteering.COM, EMAIL: info@teleflex.bc.ca ph: 604-248-3858	TELEFLEX MARINE CANADA		TECHNICAL SPECIFICATION - TELEFLEX MARINE CANADA 3831 NO. 6 ROAD RICHMOND, B.C CANADA V6V 1P6 FAX: 604-270-7172 WWW.seastarsteering.COM, EMAIL: info@teleflex.bc.ca ph: 604-248-3858 GENERAL SPECIFICATION - TELEFLEX MARINE CANADA 3831 NO. 6 ROAD RICHMOND, B.C CANADA	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											V6V 1P6 FAX: 604-270-7172 WWW.seastarsteering.COM, EMAIL: info@teleflex.bc.ca ph: 604-248-3858	
25	DNM101715	FF5488/3959612	433001530004 4 / FILTER FUEL	CUMMINS MAIN ENGINE CUMMINS MODEL QSB6.77305MD	4 / EACH/NUMBER	QSB6.7-305MD	74126404	CUMMINS ENGINE COMPANY , INC PO BOX 3005 COLUMBUS IN 47202-9982	CUMMINS ENGINE COMPANY		TECHNICAL SPECIFICATION - M/s Cummins Inc 500 Jackson Street Columbus IN, USA GENERAL SPECIFICATION - M/s Cummins Inc 500 Jackson Street Columbus IN, USA	
26	DNQ101312	464748 ABN.	473001435510 6 / REPAIR KIT, PIPE, EMERGENCY DAMAGE CONTROL	EMERGENCY CONTROL , PIPE REPAIR KIT.	5 / KIT			OEM: c IT PIPE REPAIR SYSTEM 3355 WEST ALABAMA ST STE 110 HOUSTON TX UNITED STATES 77098-1799 713-977-4100 713-977-4174 DUNS 161788682 DON@INDUMAR.COM HTTP://WWW.STOPIT.COM	INDUMAR PRODUCTS INC DBA STOP ..		TECHNICAL SPECIFICATION - OEM: INDUMAR PRODUCTS INC DBA STOP IT PIPE REPAIR SYSTEM 3355 WEST ALABAMA ST STE 110 HOUSTON TX UNITED STATES 77098-1799 713-977-4100 713-977-4174 DUNS 161788682 DON@INDUMAR.COM HTTP://WWW.STOPIT.COM GENERAL SPECIFICATION - OEM: INDUMAR PRODUCTS INC DBA STOP IT PIPE REPAIR SYSTEM 3355 WEST ALABAMA ST STE 110 HOUSTON TX UNITED STATES 77098-1799 713-977-4100 713-977-4174 DUNS 161788682 DON@INDUMAR.COM HTTP://WWW.STOPIT.COM	
27	DNQ101337	CEN1000063A	5510FT101983 0 / Wooden Plug, 200 x 30 x 8 mm	Portable Firefighting and Damage Control Equipment System	30 / EACH/NUMBER	55580MT.0001	0	SITELER MAH. OZZUMRUT SITESI. 462 NCI GUZELBAHCE-IZMIR TÜRK YE	CENAK GIDA TUR.INS. MUH. MAK. SAN.LTD. STI.		TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -	
28	DNQ101339	CEN1000063C	5510FT101983 2 / Wooden Plug 250 x 70 x 20 mm	Portable Firefighting and Damage Control Equipment System	30 / EACH/NUMBER	55580MT.0001	0	SITELER MAH. OZZUMRUT SITESI. 462 NCI GUZELBAHCE-IZMIR TÜRK YE	CENAK GIDA TUR.INS. MUH. MAK. SAN.LTD. STI.		TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -	
29	DNQ101341	CEN1000063D	5510FT101983 3 / Wooden Plug 250 x 100 x 40 mm	Portable Firefighting and Damage Control Equipment	30 / EACH/NUMBER	55580MT.0001	0	SITELER MAH. OZZUMRUT SITESI. 462 NCI GUZELBAHCE-IZMIR TÜRK YE	CENAK GIDA TUR.INS. MUH. MAK.		TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
				System					SAN.LTD. STI.			
30	DNQ101 344	CEN10000 63E	5510FT101983 4 / Wooden Plug 300 x 120 x 50 mm	Portable Firefighting and Damage Control Equipment System	30 / EACH/N UMBER	55580MT. 0001	0	SITELER MAH. OZZUMRUT SITESI. 462 NCI GUZELBAHCE-IZMIR TÜRK YE	CENAK GIDA TUR.INS. MUH. MAK. SAN.LTD. STI.		TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -	
31	DNQ101 755	5F CLASS (F EXTINGUISHER)	421070521224 4 / 02 LTRS WET CHEMICAL 5F P/ABLE FIRE EXTINGUISHER	DC & FF	2 / EACH/N UMBER	8A25F.	NIL	PRIME BUSINESS SYNDICATE SUITE NO 2, GROUND FLOOR, ABID CHAMBER, SHAHRA-E-LIAQUAT, KARACHI PAKISTAN PHONE: +92-21-32624690, 32213969 FAX: +92-21-32623828 E-MAIL: INFO@PRIME-FIRE.COM	PRIME BUSINESS SYNDICATE		TECHNICAL SPECIFICATION - WORKING PRESSURE 10 BAR SPECS ATTACH Elite Fire and Safety Solutions Plot no 79-C 2nd Floor Suite No 4, Main Khayaban e Jami, DHA Phase VII Karachi PH: 0213586699 PH: 042 35311453GENERAL SPECIFICATION - WORKING PRESSURE 10 BAR SPECS ATTACH Elite Fire and Safety Solutions Plot no 79-C 2nd Floor Suite No 4, Main Khayaban e Jami, DHA Phase VII Karachi PH: 0213586699 PH: 042 35311453	
32	DNM101 711	CWCU-230-26	413070521436 1 / F-6 BAG FILTER (65% EFFICIENCY) SIZE 24	HVAC PLANT 1 CWAHU-32 PAKISTAN	7 / EACH/N UMBER	CP-F6 -65-3	NIL	GUARD FILTERS PAKISTAN www. quardfilters.com COOL POINT PVT LMTD LAHORE PAKISTAN	GUARD FILTERS PAKISTAN www. quardfilters.com		TECHNICAL SPECIFICATION - FILTER USED HVAC PLAIT F-6 BAG FILTER (65 % EFFICIENCY) SIZE 24X24X20 GENERAL SPECIFICATION - FILTER USED HVAC PLAIT F-6 BAG FILTER (65 % EFFICIENCY) SIZE 24X24X20	
33	DNM101 560	151-7737	294001536836 8 / FILTER ELEMENT, INTAKE AIR CLEANER	caterpillar C-13 USA	2 / EACH/N UMBER	C-13	PWE 03872	CATER PILLAR DIESEL GENERATOR SET Electric power North America Attn: Product support Manager AC 6109 Mossville, LLLinois 61552 USA	CATTER PILLER		TECHNICAL SPECIFICATION - FOR OPERATIONAL REQUIREMENTGENERAL SPECIFICATION - FOR OPERATIONAL REQUIREMENT	
34	DPC100 745	CC2750M	293001594118 0 / ES COMPLEAT PRE MIX 50/50 (COOLANT)	DG	120 / LITER	C350 D5	A13K4475 25	MANSTON COLUMBUS AVENUE RAMSGATE KENT ENGLAND CT125BS	MANSTON COLUMBUS UK		TECHNICAL SPECIFICATION - FLEETGUARD CC2750M 20 LTRS PACKING PREMIX 50/50 ES COMPLEAT DO NOT ADD WATER EXTENDED LIFE ANTIFREEZE / COOLANTGENERAL SPECIFICATION - FLEETGUARD CC2750M 20 LTRS PACKING	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											PREMIX 50/50 ES COMPLEAT DO NOT ADD WATER EXTENDED LIFE ANTIFREEZE / COOLANT	
35	DPK101576	FCW NMMA	9150765223107 / SUZUKI/ADDIN OL MARINE 4 STROKE ENGINE OIL 10W-40	ENGINE OIL SUZUKI	350 / LITER	NA		SUZUKI THAILAND		OBM SUZUKI THAILAND	TECHNICAL SPECIFICATION - SUZUKI MARINE ENGINE OIL 4 STROKE 10W40 CHARACTERISTICS PRODUCT NAME 10W40 Country of manufacturer Thailand Manufacturer Nippon oil Packaging Plastic canister Standard of compliance API SG Volume 5 <u>GENERAL SPECIFICATION - SUZUKI MARINE ENGINE OIL 4 STROKE 10W40 CHARACTERISTICS PRODUCT NAME 10W40 Country of manufacturer Thailand Manufacturer Nippon oil Packaging Plastic canister Standard of compliance API SG Volume 5</u>	
36	DPK101569	99000-22B55	9150765223106 / ECSTAR OUT BOARD MOTOR GEAR OIL SUZUKI SAE-90 GL-5	SUZUKI OBM ENGINE	150 / MILLILITER	NIL		SHOWA SHELL SEQIYU K K. 3-2 DAIBA-2-CHOME, MINATO-KU, TOKYO, 135-8074, JAPAN		OBM SUZUKI	TECHNICAL SPECIFICATION - ECSATR OBM GEAR OIL DATA SHEET PHYSICAL AND CHEMICAL PROPERTIES MATERIAL NAME ECSTAR OBM GEAR OIL SAE-90 GL-5 RECOMMENDED USE AUTOMOTIVE GEAR OIL <u>GENERAL SPECIFICATION - ECSATR OBM GEAR OIL DATA SHEET PHYSICAL AND CHEMICAL PROPERTIES MATERIAL NAME ECSTAR OBM GEAR OIL SAE-90 GL-5 RECOMMENDED USE AUTOMOTIVE GEAR OIL</u>	
37	DPK101680	TEXAMATIC 1888 SAE DEXRON-III	9150014878530 / STEERING LUB OIL (PETROL/DIESEL ENGINE MT VEHICLES) (01 ltrs packing)	MT VEHICLE	12 / BOTTLE			GENERAL MOTORS CORP 3044 W GRAND BLVD DETROIT MI UNITED STATES PSC: 48202-3091 TEL: 248-857-2576		GENERAL MOTORS CORP	<u>TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -</u>	
38	DNM100509	42279	5945705196235 / CONDENSER MOTOR	A/C plant 10 TON SABRO ASCN-120D PAKISTAN	3 / EACH/NUMBER	ASCN-120D	BFS-1120140057	SABRO TECHNOLOGIES (PVT).LTD PLOT # 270 INDUSTRIAL TRIANGLE KAHUTA ROAD		SABRO TECHNOLOGIES	<u>TECHNICAL SPECIFICATION - CONDENSER MOTOR OVERLOAD GENERAL SPECIFICATION - CONDENSER MOTOR OVERLOAD</u>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
			OVERLOAD					ISLAMABAD PHONE NO +92-51-4490905 4490905 4490993				
39	DNM100471	CMPU-01	4140705208244 / BLOWER MOTOR	PACKAGE TYPE 10 X 6 AC CWFSC-8+CWCU-108 PAKISTAN	2 / EACH/NUMBER	CWFSC-8+CWCU-108	NA	M/S COOL POINT ADDA PLOT SHARAIZ AVENUE JATI UMRA ROAD OFF RAIWIND ROAD LAHORE	M/S COOL POINT		TECHNICAL SPECIFICATION - 10 X 6 PACKAGAE TYPE ACGENERAL SPECIFICATION - 10 X 6 PACKAGAE TYPE AC	
40	DPC101625		0474502201711 / SOAP TYPE B SOAP SCRUBBING ALKALINE JELLY 18KG DRUM	SKF COUPLING	825 / KILOGRAMME						TECHNICAL SPECIFICATION - BS 1913 of 1990 TYPE B USED FOR GENERAL CLEANING PURPOSEGENERAL SPECIFICATION - BS 1913 of 1990 TYPE B USED FOR GENERAL CLEANING PURPOSE	
41	DPC101670		0474502201711 / SOAP TYPE B SOAP SCRUBBING ALKALINE JELLY 18KG DRUM	SKF COUPLING	1262 / KILOGRAMME						TECHNICAL SPECIFICATION - BS 1913 of 1990 TYPE B USED FOR GENERAL CLEANING PURPOSEGENERAL SPECIFICATION - BS 1913 of 1990 TYPE B USED FOR GENERAL CLEANING PURPOSE	
42	DPK101712	DEFSTAN 91-44/1	0475509431324 / OIL OM 13 NATO O-134 ALIGHT MINERAL OIL PACKING 25 LTR	FOR USE IN GUN MOUNTING	60 / LITER						TECHNICAL SPECIFICATION - NO DATA AVAILABLEGENERAL SPECIFICATION - NO DATA AVAILABLE	
43	DPC102047	0461-3951, CS2879	0461592240562 / WATER INDICATING PASTE FOR FUEL (03 OZ TUBE)		125 / TUBE						TECHNICAL SPECIFICATION - NO DATA AVAILABLEGENERAL SPECIFICATION - NO DATA AVAILABLE	
44	DPK101606	0x-8	0475702202348 / HYDRAULIC FLUID		260 / LITER						TECHNICAL SPECIFICATION - SAE J1704. DEFSTAN 01-005 ISSUE 20. GENERAL SPECIFICATION - SAE J1704. DEFSTAN 01-005 ISSUE 20.	
45	DPK101429	0x-8	0475702202348 / HYDRAULIC FLUID		190 / LITER						TECHNICAL SPECIFICATION - SAE J1704. DEFSTAN 01-005 ISSUE 20. GENERAL SPECIFICATION - SAE J1704. DEFSTAN 01-005 ISSUE 20.	
46	DPC101822	SAME AS S NO 9	0442502201637 / PAINT	USES FOR STEEL	207 / LITER						TECHNICAL SPECIFICATION - NO DATA AVAILABLEGENERAL	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
		EXECPT SHADE.	FINISHING (GREEN)	ALUMINUM OR WOOD ON GLASS							SPECIFICATION - NO DATA AVAILABLE	
47	DPC100 576	2	0442500004314 / ACETONE TECHNICAL	CATHODIC PROTECTION SYSTEM	25 / KILOGRAMME						TECHNICAL SPECIFICATION - Appearance: Liquid, Colour: Colourless Odour, Characteristics: Explosion Limit value 1,8-11,5% Vapor, Pressure Value: 12,6 Kpa Test Temperature: 20c GENERAL SPECIFICATION - Appearance: Liquid, Colour: Colourless Odour, Characteristics: Explosion Limit value 1,8-11,5% Vapor, Pressure Value: 12,6 Kpa Test Temperature: 20c	
48	DPC101 815	NO DATA AVAILABLE	0442502201164 / PAINT FINISHING GLOSS BLACK DLT LTR NS/G/1303/CDT 270199	PRIMED STEEL ALUMINUM OR WOOD	411 / LITER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
49	DPC101 817	WHO/SIF/ 13.R5	0442502201201 / Lambda Cyhalothrin 2.5 or 25% EC. 01LTR PLASTIC PACKING WITH REGISTERED LABEL.	KEROCANE OIL.	125 / LITER						TECHNICAL SPECIFICATION - Insecticide Lacquer Diazinon (Lambda Cyhalothrin 25 % EC) SPECIFICATION: Active Ingredients (A.I) (Lambda Cyhalothrin 25 % EC) WW: PACKING: - 01Ltr plastic packing with registered label. GENERAL SPECIFICATION - Insecticide Lacquer Diazinon (Lambda Cyhalothrin 25 % EC) SPECIFICATION: Active Ingredients (A.I) (Lambda Cyhalothrin 25 % EC) WW: PACKING: - 01Ltr plastic packing with registered label.	
50	DPC102 024	NO. NS/C01/GEN/566 DT 210902	0442509429120 / PAINT OIL FINISHING G. O.S.B. (GREEN)	FINISHING	250 / KILOGRAMME						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
51	DPC101 892		0442504420147 / PAINT ADMIRALTY GREY 981	AERIAL PAINT	20 / LITER						TECHNICAL SPECIFICATION - Paint Admiralty Grey 981 SHADE NO 697 TO BS: 381 C OF 1996 TYPE OF COAT: FINISHING USE: AERIAL	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											PAINT Method of Application: Spraying/ Brushing Flash Point: 20 Degree Celsius (Minimum) Viscosity: 60 CSt (Minimum) (Cup No B 4 at 25 Degree Celsius) Packing: 20 Ltr Drum Gauge of Drum 24 to 26 <b>SWGGENERAL SPECIFICATION -</b> Paint Admiralty Grey 981 SHADE NO 697 TO BS: 381 C OF 1996 TYPE OF COAT: FINISHING USE: AERIAL PAINT Method of Application: Spraying/ Brushing Flash Point: 20 Degree Celsius (Minimum) Viscosity: 60 CSt (Minimum) (Cup No B 4 at 25 Degree Celsius) Packing: 20 Ltr Drum Gauge of Drum 24 to 26 SWG	
52	DPC101 619		044250442014 7 / PAINT ADMIRALTY GREY 981	AERIAL PAINT	258 / LITER						<b>TECHNICAL SPECIFICATION -</b> Paint Admiralty Grey 981 SHADE NO 697 TO BS: 381 C OF 1996 TYPE OF COAT: FINISHING USE: AERIAL PAINT Method of Application: Spraying/ Brushing Flash Point: 20 Degree Celsius (Minimum) Viscosity: 60 CSt (Minimum) (Cup No B 4 at 25 Degree Celsius) Packing: 20 Ltr Drum Gauge of Drum 24 to 26 <b>SWGGENERAL SPECIFICATION -</b> Paint Admiralty Grey 981 SHADE NO 697 TO BS: 381 C OF 1996 TYPE OF COAT: FINISHING USE: AERIAL PAINT Method of Application: Spraying/ Brushing Flash Point: 20 Degree Celsius (Minimum) Viscosity: 60 CSt (Minimum) (Cup No B 4 at 25 Degree Celsius) Packing: 20 Ltr Drum Gauge of Drum 24 to 26 SWG	
53	DPC101 851		044250442007 5 / THINNER		4 / LITER						<b>TECHNICAL SPECIFICATION - NO DATA AVAILABLE</b> <b>GENERAL SPECIFICATION - NO DATA AVAILABLE</b>	
54	DPC101 859	DEF-1145/1956	044250442007 9 / THINNER (SPEC) DEF STAN 80-38/2 1985		107 / LITER						<b>TECHNICAL SPECIFICATION -</b> DEFSTAN 80-38/2 of 1985 <b>GENERAL SPECIFICATION -</b> DEFSTAN 80-38/2 of 1985	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
			(PACKING 20 LTRS DRUM)									
55	DPC101 865		044250442009 2 / VARNISH ELEC INSULATING AIR DRYING H/I THINNER UPTO 15% (Packing 20 Ltrs)		127 / LITER						TECHNICAL SPECIFICATION - IEC-60464-1, 2&3 GENERAL SPECIFICATION - IEC-60464-1, 2&3	
56	DPC101 870		044250442009 4 / VARNISH FINISHING ARR DRY (packing 4liter tin)		74 / LITER						TECHNICAL SPECIFICATION - S. NO INFORMATION REMARKS 01 NAME= SYNTHETIC CLEAR VARNISH (ELECTRIC VARNISH) 02 SPECIFIC GRAVITY= 0.87-0.91 03 COLOR= CLEAR HOMOGENEOUS DRAK BROWN 04 FLASH POINT= >30 °C 05 SURFACE DRY TIME= 5-6 HOURS 06 HARD DRY TIME= 24 HOURS 07 PACKAGING= 04 LITER (TIN PACKAGE) GENERAL SPECIFICATION - S.NO INFORMATION REMARKS 01 NAME= SYNTHETIC CLEAR VARNISH (ELECTRIC VARNISH) 02 SPECIFIC GRAVITY= 0.87-0.91 03 COLOR= CLEAR HOMOGENEOUS DRAK BROWN 04 FLASH POINT= >30 °C 05 SURFACE DRY TIME= 5-6 HOURS 06 HARD DRY TIME= 24 HOURS 07 PACKAGING= 04 LITER (TIN PACKAGE)	
57	DPC101 871	DEFSTAN 80-37/2 OF 2006	044250442012 4 / Paint Cellulose White Finsihing for vehicles principal component Nitro Cellulose Base Flash Point 23		50 / LITER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
58	DPC101 889		044250442013 9 / PAINT		170 / TIN						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
			GLOSS ALKIDE RESIN, THINNER: WHITE SPIRIT NAPTH COL 361								SPECIFICATION - NO DATA AVAILABLE	
59	DPC102016		0442509423543 / PAINT MARKING (WHITE)		330 / LITER						TECHNICAL SPECIFICATION - a. Colour White b. Viscosity 100-200 cps (centipoise) c. Density 1.2-1.5 g/cm3 d. Fast Drying 15-30 minutes e. Thickness 50-100 microns (dry film) f. Adhesion Excellent on Metal, Wood, concrete g. Durability Resistant to weathering, UV and Chemicals h. Reflectivity High(85-90%) GENERAL SPECIFICATION - a. Colour White b. Viscosity 100-200 cps (centipoise) c. Density 1.2-1.5 g/cm3 d. Fast Drying 15-30 minutes e. Thickness 50-100 microns (dry film) f. Adhesion Excellent on Metal, Wood, concrete g. Durability Resistant to weathering, UV and Chemicals h. Reflectivity High(85-90%)	
60	DNQ101770	NO DATA AVAILAB LE	0340599236243 / BAG CANVAS TOOL SACHEL W/WOODEN BOTTOM, CLOTH CONVAS,(F 8), WATER PROOF, DIA 10.5		14 / EACH/N UMBER						TECHNICAL SPECIFICATION - CLOTH CONVAS,(F 8), WATER PROOF, DIA 10.5", DEPTH 1'-9.5" GENERAL SPECIFICATION - CLOTH CONVAS,(F 8), WATER PROOF, DIA 10.5", DEPTH 1'-9.5"	
61	DPC101696	NO DATA AVAILAB LE	0443504430005 / CYLINDER FOR COOKING GAS (EMPTY) CAPACITY 45.40KG		6 / EACH/N UMBER						TECHNICAL SPECIFICATION - 1. grade-1 i. a . w (dot 4wb hse) colour: yellow need. 2. Specification: DOT- 4 BW (HSE) WELDED STEEL CYLINDERS OF DEFINITELY PRESCRIBED WITH ELECTRIC ARC WELDED LONGITUDINAL	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>SEAM. 3. CYLINDER VALVE: OGRA APPROVED MANUFACTURER'S COMPACT VALVE DESIGN DATA: Product=LPG Cylinder, type=commercial 45.4 kg capacity, design pressure=270 psi, test pressure=540 psi, standard= dot-48w 270, water capacity=108 ltrs, overall length=1280 +/- 15s, pneumatic test pressure=110 psi, shell and doom dimensions: Sheet thickness=3mm or 3.2mm, off setting=9mm +/- 1, other dia=368mm +/- 1, height of shell with base to bung=1164mm +/- 10, base clearance from bottom=29mm +/- 2, PIPE ring dimesion: thickness=2.1mm +/- 0.1, outer dia=240mm +/- 2, pipe dia=21mm +/- 1. FOOT ring dimensions: thickness=3mm, tolerance=as per pakistan steel tolerance standard, height=90mm +/- 2, Outer Dia=372mm +/- 2, drain hole bottom=3Nos. 9mm, painting: cylinder should be sand blasted before painting, colour=yellow or as per PN Requirements, primer and paint thickness=60 ~ 80 micron, monogram printing on shell as per PN requirements, bung dimension: material=jus g 311287 grade sr 24, height=21mm +/- 1, top dia=45mm +/- 0.5, collar dia=48mm +/- 1, collar height=7mm +/- 1, thread size=3/4" NGT, Cylinder Valve: OGRA Approved Manufacturer's Compact Valve TESTs: Volumetric Expansion, Hydrostatic Test, Burst Test, Radiography Test, Air Leak Valve Check at 110PSI, Valve Tightness at 120~150 Torque,GENERAL SPECIFICATION - 1. grade-1 i. a . w (dot 4wb hse) colour: yellow need. 2. Specification: DOT- 4 BW (HSE) WELDED STEEL CYLINDERS OF DEFINITELY PRESCRIBED WITH</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>ELECTRIC ARC WELDED LONGITUDINAL SEAM. 3. CYLINDER VALVE: OGRA APPROVED MANUFACTURER'S COMPACT VALVE DESIGN DATA: Product=LPG Cylinder, type=commercial 45.4 kg capacity, design pressure=270 psi, test pressure=540 psi, standard= dot-48w 270, water capacity=108 ltrs, overall length=1280 +/- 15s, pneumatic test pressure=110 psi, shell and doom dimensions: Sheet thickness=3mm or 3.2mm, off setting=9mm +/- 1, other dia=368mm +/- 1, height of shell with base to bung=1164mm +/- 10, base clearance from bottom=29mm +/- 2, PIPE ring dimesion: thickness=2.1mm +/- 0.1, outer dia=240mm +/- 2, pipe dia=21mm +/- 1. FOOT ring dimensions: thickness=3mm, tolerance=as per pakistan steel tolerance standard, height=90mm +/- 2, Outer Dia=372mm +/- 2, drain hole bottom=3Nos. 9mm, painting: cylinder should be sand blasted before painting, colour=yellow or as per PN Requirements, primer and paint thickness=60 ~ 80 micron, monogram printing on shell as per PN requirements, bung dimension: material=jus g 311287 grade sr 24, height=21mm +/- 1, top dia=45mm +/- 0.5, collar dia=48mm +/- 1, collar height=7mm +/- 1, thread size=3/4" NGT, Cylinder Valve: OGRA Approved Manufacturer's Compact Valve TESTs: Volumetric Expansion, Hydrostatic Test, Burst Test, Radiography Test, Air Leak Valve Check at 110PSI, Valve Tightness at 120~150 Torque.</p>	
62	DPC101769	NO DATA AVAILAB LE	044350443000 5 / CYLINDER FOR		36 / EACH/N UMBER						<p>TECHNICAL SPECIFICATION - 1. grade-1 i. a . w (dot 4wb hse) colour: yellow need. 2. Specification: DOT- 4</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
			COOKING GAS (EMPTY) CAPACITY 45.40KG								<p>BW (HSE) WELDED STEEL CYLINDERS OF DEFINITELY PRESCRIBED WITH ELECTRIC ARC WELDED LONGITUDINAL SEAM. 3. CYLINDER VALVE: OGRA APPROVED MANUFACTURER'S COMPACT VALVE DESIGN DATA: Product=LPG Cylinder, type=commercial 45.4 kg capacity, design pressure=270 psi, test pressure=540 psi, standard= dot-48w 270, water capacity=108 ltrs, overall length=1280 +/- 15s, pneumatic test pressure=110 psi, shell and doom dimensions: Sheet thickness=3mm or 3.2mm, off setting=9mm +/- 1, other dia=368mm +/- 1, height of shell with base to bung=1164mm +/- 10, base clearance from bottom=29mm +/- 2, PIPE ring dimesion: thickness=2.1mm +/- 0.1, outer dia=240mm +/- 2, pipe dia=21mm +/- 1. FOOT ring dimensions: thickness=3mm, tolerance=as per pakistan steel tolerance standard, height=90mm +/- 2, Outer Dia=372mm +/- 2, drain hole bottom=3Nos. 9mm, painting: cylinder should be sand blasted before painting, colour=yellow or as per PN Requirements, primer and paint thickness=60 ~ 80 micron, monogram printing on shell as per PN requirements, bung dimension: material=jus g 311287 grade sr 24, height=21mm +/- 1, top dia=45mm +/- 0.5, collar dia=48mm +/- 1, collar height=7mm +/- 1, thread size=3/4" NGT, Cylinder Valve: OGRA Approved Manufacturer's Compact Valve TESTs: Volumetric Expansion, Hydrostatic Test, Burst Test, Radiography Test, Air Leak Valve Check at 110PSI, Valve Tightness at 120~150 Torque.GENERAL SPECIFICATION - 1. grade-1 i. a . w</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>(dot 4wb hse) colour: yellow need. 2. Specification: DOT- 4 BW (HSE) WELDED STEEL CYLINDERS OF DEFINITELY PRESCRIBED WITH ELECTRIC ARC WELDED LONGITUDINAL SEAM. 3. CYLINDER VALVE: OGRA APPROVED MANUFACTURER'S COMPACT VALVE DESIGN DATA: Product=LPG Cylinder, type=commercial 45.4 kg capacity, design pressure=270 psi, test pressure=540 psi, standard= dot-48w 270, water capacity=108 ltrs, overall length=1280 +/- 15s, pneumatic test pressure=110 psi, shell and doom dimensions: Sheet thickness=3mm or 3.2mm, off setting=9mm +/- 1, other dia=368mm +/- 1, height of shell with base to bung=1164mm +/- 10, base clearance from bottom=29mm +/- 2, PIPE ring dimesion: thickness=2.1mm +/- 0.1, outer dia=240mm +/- 2, pipe dia=21mm +/- 1. FOOT ring dimensions: thickness=3mm, tolerance=as per pakistan steel tolerance standard, height=90mm +/- 2, Outer Dia=372mm +/- 2, drain hole bottom=3Nos. 9mm, painting: cylinder should be sand blasted before painting, colour=yellow or as per PN Requirements, primer and paint thickness=60 ~ 80 micron, monogram printing on shell as per PN requirements, bung dimension: material=jus g 311287 grade sr 24, height=21mm +/- 1, top dia=45mm +/- 0.5, collar dia=48mm +/- 1, collar height=7mm +/- 1, thread size=3/4" NGT, Cylinder Valve: OGRA Approved Manufacturer's Compact Valve TESTs: Volumetric Expansion, Hydrostatic Test, Burst Test, Radiography Test, Air Leak Valve Check at 110PSI, Valve Tightness at</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
63	DPC101740	NO DATA AVAILAB LE	044350942222 6 / GAS CARBON DIOXIDE TECH (Purity 99.5%) wight 01 to 45 kg with protection cap		90 / KILOGR AMME						120~150 Torque,  <b>TECHNICAL SPECIFICATION - 1.</b> CGA G-6.2 of 1994 Grade-F. 2. Gas Carbon Di Oxide (99.5% purity) in Buyer's/ Supplier's Returnable Cylinders of Net Weight 01 kg to 45 Kg with Protection Cap. 3. Purity Certificate and OEM Conformi ty Certificate required. 4. Cylinder Marking: A. Serial No B. Test Pressure C. Test Date D. Water Capacity E. Cylinder Weight F. Design Gas <b>GENERAL</b> <b>SPECIFICATION - 1.</b> CGA G-6.2 of 1994 Grade-F. 2. Gas Carbon Di Oxide (99.5% purity) in Buyer's/ Supplier's Returnable Cylinders of Net Weight 01 kg to 45 Kg with Protection Cap. 3. Purity Certificate and OEM Conformi ty Certificate required. 4. Cylinder Marking: A. Serial No B. Test Pressure C. Test Date D. Water Capacity E. Cylinder Weight F. Design Gas	
64	DPC102009	SPEC_DEF 1052 COLOURS TO BS 381C	044250910703 5 / PAINT FNISHING GLOSS (SIGNAL RED NO537). NS/C01/GEN/5 66DT210902		447 / KILOGR AMME						<b>TECHNICAL SPECIFICATION - NO DATA AVAILABLE</b> <b>GENERAL</b> <b>SPECIFICATION - NO DATA AVAILABLE</b>	
65	DPC101766		044351443001 0 / CYLINDER NITROGEN GAS(EMPTY) FITTED WITH BRAND NEW VALVE(F8) (CAPACITY 45 KG)		2 / EACH/N UMBER						<b>TECHNICAL SPECIFICATION - NO DATA AVAILABLE</b> <b>GENERAL</b> <b>SPECIFICATION - NO DATA AVAILABLE</b>	
66	DPC102022		044250942911 9 / PAINT OIL FINISHING	FINISGING	273.4 / KILOGR AMME						<b>TECHNICAL SPECIFICATION - NO DATA AVAILABLE</b> <b>GENERAL</b> <b>SPECIFICATION - NO DATA</b>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
			FOR MEASURES (BLUE)								AVAILABLE	
67	DNQ101 717	0254-254050	025478420315 3 / CLAMP HOSE SZ 5.500 TO 6.250 BS 5315 71/226		35 / EACH/N UMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
68	DNQ101 773	DEVELOP ED BY DTD	204099787817 3 / DAMAGE REPAIR CLIMP STEEL BS 4360 LG 403 WD190 H6O 6.5MM DIA		4 / EACH/N UMBER						TECHNICAL SPECIFICATION - EMMS Clamps are mild steel clamps used for shoring durisng Damage Control., General dimension of the clamp is 190mm x 403 mm used to support shoring spar of 150 mm timber. GENERAL SPECIFICATION - EMMS Clamps are mild steel clamps used for shoring durisng Damage Control., General dimension of the clamp is 190mm x 403 mm used to support shoring spar of 150 mm timber.	
69	DNQ101 553	DEVELOP ED BY DTD	204099787817 3 / DAMAGE REPAIR CLIMP STEEL BS 4360 LG 403 WD190 H6O 6.5MM DIA		4 / EACH/N UMBER						TECHNICAL SPECIFICATION - EMMS Clamps are mild steel clamps used for shoring durisng Damage Control., General dimension of the clamp is 190mm x 403 mm used to support shoring spar of 150 mm timber. GENERAL SPECIFICATION - EMMS Clamps are mild steel clamps used for shoring durisng Damage Control., General dimension of the clamp is 190mm x 403 mm used to support shoring spar of 150 mm timber.	
70	DNH102 023	NO DATA AVAILABL E	130850053011 6 / AIR CONDITIONER 1.5 TON WINDOW TYPE		1 / EACH/N UMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
71	DPC101 629		047450224246 3 / SOAP SCRUBBING		438 / KILOGR AMME						TECHNICAL SPECIFICATION - BS 1913 of 1990 Soap Type a: Soap Scrubbing TYPE A: Suitable for general toilet purpose. GENERAL	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											SPECIFICATION - BS 1913 of 1990 Soap Type a: Soap Scrubbing TYPE A: Suitable for general toilet purpose.	
72	DPK101705	LG 280	047450910050 2 / GREASE LG-280 (XG-286)	FIVE /G SERVICE PUMP NO.3	121 / KILOGR AMME						TECHNICAL SPECIFICATION - SUPERCEDED VIDE CICIP/NSD/5021 DT 23 OCT 09 AND DEFSTAN 01-5 ISSUE 16 PG305, 128 GENERAL SPECIFICATION - SUPERCEDED VIDE CICIP/NSD/5021 DT 23 OCT 09 AND DEFSTAN 01-5 ISSUE 16 PG305, 128	
73	DNM99487	0240-2872	299072500813 4 / COVER TUBE 0240-2872ED0147-11	DEUTZ DIESEL GENERATOR 60KW	24 / EACH/N UMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
74	DNM101309	3906414 OR 3901175/3 937404	281501193263 9 / OIL PUMP ASSEMBLY FOR CUMMINS DIESEL ENGINE		1 / EACH/N UMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
75	DNQ102021	B2075/FS P-0008-12	432099544000 8 / PUMP CENTREIFUG AL	FIRE FIGHTING	1 / EACH/N UMBER						TECHNICAL SPECIFICATION - SPECIFICATIONS OF FLYGT SUBMERSIBLE PUMP 1. Introduction a. Name of item : Flygt Submersible Pump b. Patt No : 4320-99-544-0008 c. Parent Equipment/Location : De flooding arrangement d. Name of Ship/ Department : PN FLEET e. Qty of item/ equipment Required to be developed : 10 on Nos 2. SPECIFICATIONS FOR SUBMERSIBLE PUMP 1. Design Design Close coupled submersible Orientation Vertical 2. Material Specifications Shaft Stainless steel O-rings Nitrile rubber Strainer Stainless steel Strainer hole size 8mm x 8mm Wear parts lining Nitrile rubber Impeller Spring steel or aluminum bronze Stator Housing	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>Aluminum alloy 3. Process Data Sea Water May contain relatively abrasive solids Liquid temperature Max +40°C Depth of immersion Max 20m Liquid density Max 1100 kg/ m<sup>3</sup> Fluid viscosity 1.07 mm<sup>2</sup>/s Strainer hole size 8mm x 8mm 4. Pump Flow rate 40.00 m<sup>3</sup>/h Head 35 meter (Minimum Flow rate) <b>MAXIMUM DISCHARGE PRESSURE 146 GALLONS PER MINUTES AND ITS TOTAL HEAD IS 60 FEET.</b> 5. Motor Data Frequency 60 Hz Number of revolutions (3.7 kw) 2835 rpm Voltage imbalance between phases max 2% Insulation Class H (+180°C) Input Supply 440 V 3f 60 Hz Rated Current ~ 7.2 Amps Horse Power 5 hp Starting Current 35 Amps (max) Cable 4 core max 5 meter length alongwith connector plug Thermal Contacts Opening Temperature (max) 125 oC No of starts/ hours max 30 NOTE: Submersible pump should be explosion protected. 6. Mechanical face seals Inner : Carbon / corrosion resistant (cemented carbide) Outer : Corrosion resistant (cemented carbide)<u>GENERAL SPECIFICATION - SPECIFICATIONS OF FLYGT SUBMERSIBLE PUMP 1.</u> Introduction a. Name of item : Flygt Submersible Pump b. Patt No : 4320-99-544-0008 c. Parent Equipment/Location : De flooding arrangement d. Name of Ship/ Department : PN FLEET e. Qty of item/ equipment Required to be developed : 10 on Nos 2. <u>SPECIFICATIONS FOR SUBMERSIBLE PUMP 1.</u> Design Design Close coupled submersible Orientation Vertical 2. Material Specifications Shaft Stainless steel O-rings Nitrile rubber Strainer</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>Stainless steel Strainer hole size 8mm x 8mm Wear parts lining Nitrile rubber Impeller Spring steel or aluminum bronze Stator Housing Aluminum alloy 3. Process Data Sea Water May contain relatively abrasive solids Liquid temperature Max +40°C Depth of immersion Max 20m Liquid density Max 1100 kg/ m<sub>l</sub> Fluid viscosity 1.07 mm<sup>2</sup>/s Strainer hole size 8mm x 8mm 4. Pump Flow rate 40.00 m<sub>l</sub>/h Head 35 meter (Minimum Flow rate) MAXIMUM DISCHARGE PRESSURE 146 GALLONS PER MINUTES AND ITS TOTAL HEAD IS 60 FEET. 5. Motor Data Frequency 60 Hz Number of revolutions (3.7 kw) 2835 rpm Voltage imbalance between phases max 2% Insulation Class H (+180°C) Input Supply 440 V 3f 60 Hz Rated Current ~ 7.2 Amps Horse Power 5 hp Starting Current 35 Amps (max) Cable 4 core max 5 meter length alongwith connector plug Thermal Contacts Opening Temperature (max) 125 oC No of starts/ hours max 30 NOTE: Submersible pump should be explosion protected. 6. Mechanical face seals Inner : Carbon / corrosion resistant (cemented carbide) Outer : Corrosion resistant (cemented carbide)</p>	
76	DNQ101 757	PN SPEC- 11-004	421099129513 4 / FIRE EXT STORED PRESS D/CHEMICAL POWDER 10KG DEEP DRAWN BODY	AS PER DRAWING TD- 1480/2001 DT 10.2.2001	95 / EACH/N UMBER						<p><u>TECHNICAL SPECIFICATION - NO DATA AVAILABLE</u> <u>GENERAL SPECIFICATION - NO DATA AVAILABLE</u></p>	
77	DNQ101 754		421099762739 3 / FIRE EXTINGUISHE R, STORED	FIRE FIGHTING EQUIPMENT	2 / EACH/N UMBER						<p><u>TECHNICAL SPECIFICATION - PN SPECS 11-004 OF 2005</u> <u>GENERAL SPECIFICATION - PN SPECS 11-004 OF 2005</u></p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
			PRESSURE TYPE, DRY CHEMICAL POWDER 11.4 KG (25 LBS) DEEP DRAWN STAINLESS									
78	DNQ101758	LOCAL	4210705007917 / NOZZLE FOR HOSE CANVAS		12 / EACH/NUMBER	SL-13BP SHILA FIRE					<p><b>TECHNICAL SPECIFICATION -</b> Series: W2500 Model: Pwr 1 &amp; 1p OEM/Brand: pwr control: manual output: 130-23- liter per minute at 6 bar pressure material: polyamide &amp; light aluminium alloy</p> <p><b>GENERAL SPECIFICATION -</b> Series: W2500 Model: Pwr 1 &amp; 1p OEM/Brand: pwr control: manual output: 130-23- liter per minute at 6 bar pressure material: polyamide &amp; light aluminium alloy</p>	
79	DNQ101574	MS149111/5033-50	4220013272120 / DIVING GOGGLES WITH SAFETY GLASS DOUBLE SEALING FRAME	FOR DIVING USE.	6 / EACH/NUMBER						<p><b>TECHNICAL SPECIFICATION - *</b> Double lends, 3mm tempered glass. new twin buttons seeger release system, it make glass locking rings removal quick, safe and easy. * Pure silicon mask skirt it fits like the micromask skirt. * cardanc joint buckles (double joint buckles) rotate both up-and-down and in-and-out. * quick counterposed push button activation is easy to use even when wearing gloves. * wide headpiece on silicone strap provides stability and comfort.</p> <p><b>GENERAL SPECIFICATION - *</b> Double lends, 3mm tempered glass. new twin buttons seeger release system, it make glass locking rings removal quick, safe and easy. * Pure silicon mask skirt it fits like the micromask skirt. * cardanc joint buckles (double joint buckles) rotate both up-and-down and in-and-out. * quick counterposed push button activation is easy to use even when wearing gloves. * wide headpiece on silicone strap provides stability and comfort.</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
80	DNQ102013	COLUMBUS 300/306	4240997956910 / FABRIC, FLAME RETARD.	SMOKE CURTAIN USE	190 / METER						TECHNICAL SPECIFICATION - 1.50 MM X 50M = 75SQM PER ROLL @ 555G/SQM SILVR GREY SILICONE COATING TO BOTH SIDES GENERAL SPECIFICATION - 1.50 MM X 50M = 75SQM PER ROLL @ 555G/SQM SILVR GREY SILICONE COATING TO BOTH SIDES	
81	DNH101713	wdf-318	4110731001200 / DEEP FREEZER 18 CU FT-220 V AC 50 HZ PEL, WAVES AND DAWLANCE		3 / EACH/NUMBER	WDF-318					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
82	DNH101311	wdf-318	4110731001200 / DEEP FREEZER 18 CU FT-220 V AC 50 HZ PEL, WAVES AND DAWLANCE		2 / EACH/NUMBER	WDF-318					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
83	DNH102082	wdf-318	4110731001200 / DEEP FREEZER 18 CU FT-220 V AC 50 HZ PEL, WAVES AND DAWLANCE		1 / EACH/NUMBER	WDF-318					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
84	DNM101564		3230731001865 / BLADE POWER HACKSAW HSS 18X1-1/4X1/16INX6TPI		2 / EACH/NUMBER						TECHNICAL SPECIFICATION - Dimensions (LXWXT): 18 X 1-1/4 X 1/16 X 6TPI (6 Teeth per inch) MATERIAL: HSS (HIGH SPEED STEEL) USE FOR CUTTING ON HACKSAW MACHINE GENERAL SPECIFICATION - Dimensions (LXWXT): 18 X 1-1/4 X 1/16 X 6TPI (6 Teeth per inch) MATERIAL: HSS (HIGH SPEED STEEL) USE FOR CUTTING ON HACKSAW MACHINE	
85	DPC99347	N/A	7930705181280 / DETERGENT WATER SOLUBLE	GENERAL ITEM	30 / LITER			LOCKEL MARKET	GENERAL ITEM		TECHNICAL SPECIFICATION - TRANSPARENT 20M ROLL 1.8M WIDE GENERAL SPECIFICATION - TRANSPARENT 20M ROLL 1.8M WIDE	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
86	DPC995 27	100	534071516068 8 / CHIPS WHITE (SIZE 1/8" FULL 4-6 PARTIAL 25-200 ft2/lb)	DECK COVERING FOR CONCRETE SURFACE	100 / BAG			OEM:ORIGINAL COLOR CHIPS,A DIVISION OF NORKAN INC. 26200 GROESBECK HWY, WARREN,MI 48089 PHONE:586-771-6500/FAX:586-771-6501.	ORIGINAL COLOR CHIPS,A DIVISION		TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
87	DNQ991 44	17-2879003	635073522605 7 / SMOKE & HEAT DETECTOR FOR ALARM SYSTEM	MAB	1 / EACH/N UMBER	TSD-1	NIL	SATEL sp. z o.o. ul. Schuberta 79 80-172 Gdansk POLSKA Tel : 58 320 94 00 info@satel.pl / www.satel.pl	SATEL, POLAND		TECHNICAL SPECIFICATION - 9.5 V -30V DC Class A1& A1R GENERAL SPECIFICATION - 9.5V -30V DC Class A1& A1R	
88	DNM988 20	276-1408	303071521950 5 / V BELT	CAT GENERATOR CAT7.1 USA	1 / SET	CAT7.1	cat00C71 KGTY006 76	CATERPILLAR INC. IDBA CATERPILLAR/DIV GOVERNMENTAL AND DEFENSE!PRODUCTS, 14009 OLD GALENA RD TC-A, MOSSVILLE, UNITED STATES, TEL: 3095782353	CATERPILLAR		TECHNICAL SPECIFICATION - ITEM USED IN CAT DG DRIVE SYSTEM GENERAL SPECIFICATION - ITEM USED IN CAT DG DRIVE SYSTEM	
89	DPC997 49	WD40	803001418900 8 / WD40 ( PACKING 440ML SPRAY BOTTLE)	0	1 / EACH/N UMBER	0	0	1061 CUDAHY PL, SAN DIEGO, CA SAN DIEGO CA	WD-40 COMPAN Y		TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -	
90	DPK9895 8	Shell Gadus S2 V100 3/ Shell Alvania R3	9150PK507811 7 / SHELL GADUS S2 V100 3/ SHELL GREASE Alvania R-3 (Old Name) (18 KG PKING)	50 LUBRICATING PAINTS (CONVORTOR S)	18 / KILOGR AMME			M/S SHELL PAKISTAN Ltd	M/S SHELL PAKISTA N Ltd		TECHNICAL SPECIFICATION - SOURCE OF AVAILABILITY:IMRAN OIL TRADERS 19-20,FATIMA GIRLS COLLEGE,NISHTAR ROAD, GARDEN WEST ,KARACHI. GENERAL SPECIFICATION - SOURCE OF AVAILABILITY:IMRAN OIL TRADERS 19-20,FATIMA GIRLS COLLEGE,NISHTAR ROAD, GARDEN WEST ,KARACHI.	
91	DPK9954 6	Shell Gadus S2 V100 3/ Shell Alvania R3	9150PK507811 7 / SHELL GADUS S2 V100 3/ SHELL GREASE Alvania R-3 (Old Name) (18 KG PKING)	50 LUBRICATING PAINTS (CONVORTOR S)	2 / KILOGR AMME			M/S SHELL PAKISTAN Ltd	M/S SHELL PAKISTA N Ltd		TECHNICAL SPECIFICATION - SOURCE OF AVAILABILITY:IMRAN OIL TRADERS 19-20,FATIMA GIRLS COLLEGE,NISHTAR ROAD, GARDEN WEST ,KARACHI. GENERAL SPECIFICATION - SOURCE OF AVAILABILITY:IMRAN OIL TRADERS 19-20,FATIMA	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
92	DNM99323	100-3751	530601471576 2 / BOLT (M8X1.25X65-MM)	50KVA ALLIED CAT DG 400 VOLTS 3 PHASE 50 HZ	2 / EACH/N UMBER	N/A	E3S01292	CATERPILLAR INC MANAGER ,CUSTOMER SERVICE,ENGINE DIVISION MOSSVILLE BLDG AC P.O.BOX 610 MOSSVILLE,ILLINOIS 61552-0610 COUNTRY USA	ALLIED CAT		GIRLS COLLEGE,NISHTAR ROAD, GARDEN WEST ,KARACHI. <u>TECHNICAL SPECIFICATION -</u> notes: thread length (mm) 43 hole thread tip: 1.25 material description: dimension, tolerance, material and quality requirements for hex flange bolts. metric-iso 4162 hexagon bolts with flange. inch-asme b18.2.1 flanged hex head bolts screw length (in): 2.56 (65mm) screw type: hex flange head coating : galvanized zinc (saline mist 96 h) cable length (in): 1.69 thread: coarse thread size (in- tpi) (in): m8-1.25 <u>GENERAL</u> <u>SPECIFICATION -</u> notes: thread length (mm) 43 hole thread tip: 1.25 material description: dimension, tolerance, material and quality requirements for hex flange bolts. metric-iso 4162 hexagon bolts with flange. inch-asme b18.2.1 flanged hex head bolts screw length (in): 2.56 (65mm) screw type: hex flange head coating : galvanized zinc (saline mist 96 h) cable length (in): 1.69 thread: coarse thread size (in-tpi) (in): m8- 1.25	
93	SPC99311	7930-00-965-4868	793000965486 8 / Soap laundry Alkaline bar	NIL	100 / BOX	NA	NA	UNIVAL CORP, BOYNTON BEACH, USA Postal Code: 33437-1814	UNIVAL CORP, USA		<u>TECHNICAL SPECIFICATION -</u> PMS Item <u>GENERAL</u> <u>SPECIFICATION -</u> PMS Item	
94	DPK99256	OMALA 68	915027000185 7 / SHELL OMALA OIL S2 GX 68 (PACKING 209 LTR DRUM)	MTP 750DD HUB OIL	50 / LITER	NO DATA AVAILAB LE		OC	TURKEY		<u>TECHNICAL SPECIFICATION - -</u> <u>GENERAL SPECIFICATION - -</u>	
95	DPC99498	NO DATA AVAILABL E	047350224769 5 / REFINED SODIUM BICARBONAT E (OEM = ICI PAKISTAN) Packing = 25kg		8 / KILOGR AMME						<u>TECHNICAL SPECIFICATION - NO</u> DATA AVAILAB <u>GENERAL</u> <u>SPECIFICATION - NO DATA</u> AVAILABLE	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
			Bag									
96	DPC992 43	SAME AS S NO 9 EXECPT SHADE.	0442502201637 / PAINT FINISHING (GREEN)	USES FOR STEEL ALUMINUM OR WOOD ON GLASS	40 / LITER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
97	DPC992 46	NO. NS/C01/GEN/566 DT 210902	0442509429120 / PAINT OIL FINISHING G. O.S.B. (GREEN)	FINISHING	88 / KILOGRAMME						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
98	DPC997 50	S NO 120 SIMILAR	0442504420063 / PAINT WEATHER WORK(DARK GREY) (NSSD/C01/0442/GEN/173DT 060393)	WEATHER WORK	700 / KILOGRAMME						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
99	DPC992 45		0442504420075 / THINNER		5 / LITER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
100	DNQ993 81	NO DATA AVAILABLE	0340599236243 / BAG CANVAS TOOL SACHEL W/WOODEN BOTTOM, CLOTH CONVAS,(F 8), WATER PROOF, DIA 10.5		10 / EACH/NUMBER						TECHNICAL SPECIFICATION - CLOTH CONVAS,(F 8), WATER PROOF, DIA 10.5", DEPTH 1'-9.5" GENERAL SPECIFICATION - CLOTH CONVAS,(F 8), WATER PROOF, DIA 10.5", DEPTH 1'-9.5"	
101	DPC994 82	SUPERSEDED BY DGS 1035	0442502202020 / PAINT FINISHING (RED)	DECK AND DADOES PRIMER	464 / LITER						TECHNICAL SPECIFICATION - DEFSTAN 80-151/1 OF 1991 NS/P/006 OF 1976 SHADE NO BS 4800 OF 1981 SHADE RED 04-D-45 04 LTR Packing Flash point 38c (min) stage inspection prescribed GENERAL SPECIFICATION - DEFSTAN 80-151/1 OF 1991 NS/P/006 OF 1976	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											SHADE NO BS 4800 OF 1981 SHADE RED 04-D-45 04 LTR Packing Flash point 38c (min) stage inspection prescribed	
102	DNQ99005	DEVELOPED BY DTD	204099787817 3 / DAMAGE REPAIR CLIMP STEEL BS 4360 LG 403 WD190 H6O 6.5MM DIA		2 / EACH/NUMBER						TECHNICAL SPECIFICATION - EMMS Clamps are mild steel clamps used for shoring durisng Damage Control., General dimension of the clamp is 190mm x 403 mm used to support shoring spar of 150 mm timber. GENERAL SPECIFICATION - EMMS Clamps are mild steel clamps used for shoring durisng Damage Control., General dimension of the clamp is 190mm x 403 mm used to support shoring spar of 150 mm timber.	
103	DNQ99385	DEVELOPED BY DTD	204099787817 3 / DAMAGE REPAIR CLIMP STEEL BS 4360 LG 403 WD190 H6O 6.5MM DIA		8 / EACH/NUMBER						TECHNICAL SPECIFICATION - EMMS Clamps are mild steel clamps used for shoring durisng Damage Control., General dimension of the clamp is 190mm x 403 mm used to support shoring spar of 150 mm timber. GENERAL SPECIFICATION - EMMS Clamps are mild steel clamps used for shoring durisng Damage Control., General dimension of the clamp is 190mm x 403 mm used to support shoring spar of 150 mm timber.	
104	DPK99600	LG 280	047450910050 2 / GREASE LG-280 (XG-286)	FIVE /G SERVICE PUMP NO.3	6 / KILOGRAMME						TECHNICAL SPECIFICATION - SUPERCEDED VIDE CICP/NSD/5021 DT 23 OCT 09 AND DEFSTAN 01-5 ISSUE 16 PG305, 128 GENERAL SPECIFICATION - SUPERCEDED VIDE CICP/NSD/5021 DT 23 OCT 09 AND DEFSTAN 01-5 ISSUE 16 PG305, 128	
105	DNQ99569	72720 (SPEC: DEFSTAN 42-2/2)	421099129584 2 / FIRE EXTINGUISHER 9 LITRE WATER & GAS	FOR GENERAL USE	6 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
106	DNQ99324		4720795087429 / FLEXIBLE HOSE REINFORCED WITH WIRE STRANDS LG-150.FEET I/D1/2"	AQUA HYDRAULICS WATER JET MACHINE (ENG)	2 / EACH/NUMBER						<p><u>TECHNICAL SPECIFICATION</u> - Reinforced with wire strands Pressure upto 100 Bar MAKE: UK</p> <p><u>GENERAL SPECIFICATION</u> - Reinforced with wire strands Pressure upto 100 Bar MAKE: UK</p>	
107	SPC99313	ZSG-12/99, ZSA-12/99	5330995314222 / JOINTING COMPOUND, S/RUBER &ASBESTOS A/GRADE D3-SV 3	OEM; ZAHABIYA CHEMICAL INDUSTRIES KARACHI	200 / KILOGRAMME						<p><u>TECHNICAL SPECIFICATION</u> - NO DATA AVAILABLE</p> <p><u>GENERAL SPECIFICATION</u> - NO DATA AVAILABLE</p>	
108	DPC99247	BS 2451, DEFSTAN: 80-73/1 OF 1977	8010701004136 / PAINT NON SLIPING PREMIXED (LIGHT GREY) BS2451, DEFSTAN 80-73/1	FINISHING NON SLIP	240 / LITER						<p><u>TECHNICAL SPECIFICATION</u> - Grit Aggregate Size = 0.5mm to 1.0mm Thickness Level = 2.0mm to 3.0 mm</p> <p><u>GENERAL SPECIFICATION</u> - Grit Aggregate Size = 0.5mm to 1.0 mm Thickness Level = 2.0mm to 3.0 mm</p>	
109	DPC99328		0473500000068 / GUM SHELLAC (ORANGE) Packing 20 TO 25 KG SACK		22 / KILOGRAMME	NO DATA AVAILABLE					<p><u>TECHNICAL SPECIFICATION</u> - 1. USED WITH VARNISH / POLISH FOR SURFACE FINISHING OF WOOD PRODUCTS 2. STANDARD TRADE PRODUCT. 3. ADVANCE SAMPLE TO BE APPROVED BY END USER THROUGH CINS PRIOR BULK SUPPLY. <u>GENERAL SPECIFICATION</u> - 1. USED WITH VARNISH / POLISH FOR SURFACE FINISHING OF WOOD PRODUCTS 2. STANDARD TRADE PRODUCT. 3. ADVANCE SAMPLE TO BE APPROVED BY END USER THROUGH CINS PRIOR BULK SUPPLY.</p>	
110	DPC99666	NO DATA AVAILABLE	6850785031104 / CONTACT CLEANER SPRAYER ELECTRONIC PERO	REQUIREMENT FOR PNS NASR	30 / EACH/NUMBER						<p><u>TECHNICAL SPECIFICATION</u> - MAKE: AEROSOL MODEL: 390 363/0 0 NON OILY GRADE : DEGREASER CLEANER OEM : PHILIPS SOURCE OF AVAILABILITY: VOLCK AEROSOL</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
			857/PHILIPS 200MLCLEANE R(UNIVERSAL DEGREASER) (OEM = PERFECTS								COMPANY, INDUSTRIELAAN 15 B-8520 KUURNE BELGIUM TEL: 0032/56351723 FAX: 0032/56353069 VIDE PNS RAH NAWARD LETTER 300/NWD/1111 DATED 9 DEC 13. GENERAL SPECIFICATION - MAKE: AEROSOL MODEL: 390 363/0 0 NON OILY GRADE : DEGREASER CLEANER OEM : PHILIPS SOURCE OF AVAILABILITY: VOLCK AEROSOL COMPANY, INDUSTRIELAAN 15 B-8520 KUURNE BELGIUM TEL: 0032/56351723 FAX: 0032/56353069 VIDE PNS RAH NAWARD LETTER 300/NWD/1111 DATED 9 DEC 13.	
111	DPC993 46	NO DATA AVAILABL E	685078503110 4 / CONTACT CLEANER SPRAYER ELECTRONIC PERO 857/PHILIPS 200MLCLEANE R(UNIVERSAL DEGREASER) (OEM = PERFECTS	REQUIREMEN T FOR PNS NASR	42 / EACH/N UMBER						TECHNICAL SPECIFICATION - MAKE: AEROSOL MODEL: 390 363/0 0 NON OILY GRADE : DEGREASER CLEANER OEM : PHILIPS SOURCE OF AVAILABILITY: VOLCK AEROSOL COMPANY, INDUSTRIELAAN 15 B-8520 KUURNE BELGIUM TEL: 0032/56351723 FAX: 0032/56353069 VIDE PNS RAH NAWARD LETTER 300/NWD/1111 DATED 9 DEC 13. GENERAL SPECIFICATION - MAKE: AEROSOL MODEL: 390 363/0 0 NON OILY GRADE : DEGREASER CLEANER OEM : PHILIPS SOURCE OF AVAILABILITY: VOLCK AEROSOL COMPANY, INDUSTRIELAAN 15 B-8520 KUURNE BELGIUM TEL: 0032/56351723 FAX: 0032/56353069 VIDE PNS RAH NAWARD LETTER 300/NWD/1111 DATED 9 DEC 13.	
112	DPC996 63	ARCOBUR AG-P21	681070508041 8 / SCALE REMOVER packing 25 ltr	A/C PLANT CHILLER CONDENSER HEAT EXCHANG	25 / LITER						TECHNICAL SPECIFICATION - DETAILED SPECIFICATION / TECHNICAL DATA: greenish blue granular powder; converts to gold when solution is made. colour variations of ARCOburag-p21 has no effect on performance odour.	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											irritating. solubility in water: 10% at 75 degree f b. Brands: ARCOCHEMICALS c. OEM: M/S Arcochemicals Suite 103 Fortune Centre, 45A Block 6 P.E.C.H.S Sharah-e Faisal Karachi- 75400. Ph : 3438992623-25 <u>GENERAL SPECIFICATION - DETAILED SPECIFICATION / TECHNICAL DATA:</u> greenish blue granular powder; converts to gold when solution is made. colour variations of ARCOburag-p21 has no effect on performance odour: irritating. solubility in water: 10% at 75 degree f b. Brands: ARCOCHEMICALS c. OEM: M/S Arcochemicals Suite 103 Fortune Centre, 45A Block 6 P.E.C. H.S Sharah-e Faisal Karachi- 75400. Ph : 3438992623-25	
113	DPC993 43	205-6611 (05 Ltr) / 205-6612 (20 Ltr) /PN- 4378191 (20 LTR)	681070508453 2 / CAT ELC TM EXTENDED LIFE COOLANT FOR RADIATOR OF CATERPILLAR (05 Liter Can)	CP AIR COMP	21 / LITER						<u>TECHNICAL SPECIFICATION - CAT ELC TM EXTENDED LIFE COOLANT PREMIX MIXING RATIO 50 /50 % PART NUMBER: 205-6611 FOR 05 LTR PART NUMBER: 205-6612 FOR 20 LTR</u> <u>GENERAL SPECIFICATION - CAT ELC TM EXTENDED LIFE COOLANT PREMIX MIXING RATIO 50 /50 % PART NUMBER: 205-6611 FOR 05 LTR PART NUMBER: 205-6612 FOR 20 LTR</u>	
114	DPC995 28	B71003, B71046 OR ACCELRA TOR G (POLYAC C P-A)	681073100100 0 / CRYSTIC ACCELRA TOR G (OEM = SCOTT BADER) OR ACCELRA TOR G (POLYAC C P-A)		10 / KILOGR AMME						<u>TECHNICAL SPECIFICATION - Accelerator Cobalt based, Preferably USA West Europe, Japan make mixable and compatible with Resins and conforming to Lloyds's rules or following specification: a. Grade Cobalt Naphtharate 1% b. Flash point - 100 °C (Min) c. Appearance - Red / Violet - d. Stability in dark at 30 °C 12 Months (Min) E. pACKING: 15 OR 25 KG</u> <u>GENERAL SPECIFICATION - Accelerator Cobalt based, Preferably USA West Europe, Japan make</u>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											mixable and compatible with Resins and conforming to Lloyds's rules or following specification: a. Grade Cobalt Naphtharate 1% b. Flash point - 100 °C (Min) c. Appearance - Red / Violet - d. Stability in dark at 30 °C 12 Months (Min) E. pACKING: 15 OR 25 KG	
115	SPC99312	GB7820-1987	6850FP0990004 / DESICCANT		200 / KILOGRAMME	NO DATA AVAILABLE					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
116	DSB97329		4730TY6730622 / COPPER ELBOW		4 / EACH/NUMBER	NO DATA AVAILABLE					TECHNICAL SPECIFICATION - DIA 54-FF 90 Q BIG SIZE GENERAL SPECIFICATION - DIA 54-FF 90 Q BIG SIZE	
117	DSA97355	779139-01	5963705233234 / NI DI MODULE		1 / EACH/NUMBER	NO DATA AVAILABLE					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
118	SRP97085	CRC10900	9150ZO5241786 / Solvent Degreaser		5 / LITER	NOT KNOWN					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
119	DSA97401	ORB-M03/ETH/70/V2/18/D ES-108	5930705216741 / ETHERNET SWITCH		2 / EACH/NUMBER	NO DATA AVAILABLE					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
120	DSM80954	41.10.00.99(BGA-S-170A	4330170517877 / FILTER 130V-ASPIRATION		2 / EACH/NUMBER	NO DATA AVAILABLE					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
121	DPC99571	RELAY+on	8010705332823 / VIRKON SURFACE DISINFECTANT POWDER		5 / LITER	ZEEPER-114					TECHNICAL SPECIFICATION - High level surface disinfectant Verucidal Bactericidal Fungicidal GENERAL SPECIFICATION - High level surface disinfectant Verucidal Bactericidal Fungicidal	
122	DPC99562	A020EEV2	8010705332825 / HIGHLY PERFUMED BACTERICIDAL WASHROOM CLEANER.		5 / LITER	HIGHLY PERFUMED					TECHNICAL SPECIFICATION - PRODUCT INFORMATION: APPEARANCE: GREEN CLEAR LIQUID PH 7.5 UNDILUTED ISO 9001 NO 09535 ISO 14001 NO 506072 CONTAINS A BLEND O, NONIONIC SURFACTANT VISCOSITY STABILIZER,	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>SEQUESTERING AGENT. QUATERNARY AMMONIUM COMPOUND. PERFUME AND DYE SHELF LIFE 3 YEARS CONTAINS A BLEND O, NONIONIC SURFACTANT VISCOSITY STABILIZER, SEQUESTERING AGENT. QUATERNARY AMMONIUM COMPOUND. PERFUME AND DYE SHELF LIFE 3 YEARS highly perfumed bactericidal washroom cleaner clean disinfects and deodorises in one operation.</p> <p><u>GENERAL SPECIFICATION - PRODUCT INFORMATION:</u>  APPEARANCE: GREEN CLEAR LIQUID PH 7.5 UNDILUTED ISO 9001 NO 09535 ISO 14001 NO 506072 CONTAINS A BLEND O, NONIONIC SURFACTANT VISCOSITY STABILIZER, SEQUESTERING AGENT. QUATERNARY AMMONIUM COMPOUND. PERFUME AND DYE SHELF LIFE 3 YEARS CONTAINS A BLEND O, NONIONIC SURFACTANT VISCOSITY STABILIZER, SEQUESTERING AGENT. QUATERNARY AMMONIUM COMPOUND. PERFUME AND DYE SHELF LIFE 3 YEARS highly perfumed bactericidal washroom cleaner clean disinfects and deodorises in one operation.</p>	
123	DRG94077	780835	1730ZO6526070 / CYLINDER NITROGEN GAS RANGE 0-4500 PSI		3 / EACH/NUMBER	NO DATA AVAILAB LE					<p><u>TECHNICAL SPECIFICATION - FOR FILLING OF E.F GEAR (BOTTLE) GENERAL SPECIFICATION - FOR FILLING OF E.F GEAR (BOTTLE)</u></p>	
124	SRP97068	CEE-BEE DESCALER C-623	6850008547952 / Rust and Corrosion Remover		10 / LITER	NOT KNOWN					<p><u>TECHNICAL SPECIFICATION - nullGENERAL SPECIFICATION - null</u></p>	
125	DRG96285	8814157000	6680ZO6529519 / TANK		3 / EACH/NUMBER	NO DATA AVAILAB					<p><u>TECHNICAL SPECIFICATION - MATERIAL STRONG PLASTIC .</u></p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
			PRESSURE GENERATOR.		UMBER	LE					CAPACITY 4.5 - 5.5 LTRS. PRESSURE 03 BAR WITH PRESSURE GAUGE, FILTER ETC. MODEL:229TS, MAKE GLORIA GERMANY/ANY COMPITABLE WITH BOOKLET a. OEM TURBOMECA (FRANCE) GENERAL SPECIFICATION - MATERIAL STRONG PLASTIC .CAPACITY 4.5 - 5.5 LTRS. PRESSURE 03 BAR WITH PRESSURE GAUGE, FILTER ETC. MODEL:229TS, MAKE GLORIA GERMANY/ANY COMPITABLE WITH BOOKLET a. OEM TURBOMECA (FRANCE)	
126	DSA97359	RTC48PUNIRNLU	662570523317 6 / PANEL METERS		5 / EACH/NUMBER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - NO DATA AVAILAB GENERAL SPECIFICATION - NO DATA AVAILAB LE	
127	DNM99219	323-9312	530601622659 6 / BOLT (M10X1X50-MM)		32 / EACH/NUMBER	C7.1					TECHNICAL SPECIFICATION - LENGTH: 50MM. COATING: PHOSPHATE & OIL GENERAL SPECIFICATION - LENGTH: 50MM, COATING: PHOSPHATE & OIL	
128	DSA96484	2616-1-1-4-1	599870523319 2 / DIODE PCBS		2 / EACH/NUMBER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - NO DATA AVAILAB GENERAL SPECIFICATION - NO DATA AVAILAB LE	
129	DSA101168	D-18677	513076515711 7 / disc CUTTING 5 inch		60 / EACH/NUMBER	200611/ EN-12413					TECHNICAL SPECIFICATION - RHODIUS: FTK33 180X3.0X22. 23MM DESPRESSED CENTER CUTTING DICS SHAPE-42 MINIMUM SHELF LIFE - 18 MONTHS Technical details: Series : FTK33 Diameter: 125mm Thickness: 3.0mm Center hole: 22.23mm with steel core out side Model No: 200611/ EN-12413 ALPHA LINE STEEL Web: www.rhodium.abrasives.com OEM Address: SCHIEFWEKZEUGA GMBH & CO KG BROHTSLSTR 2 56659 BURGBROHI/ GERMANY SHELF LIFE OF DISC: 3 years from date of manufacturing GENERAL	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											<p><b>SPECIFICATION - RHODIUS:</b>  FTK33 180X3.0X22.23MM  DESRESSED CENTER CUTTING  DICS SHAPE-42 MINIMUM SHELF  LIFE – 18 MONTHS Technical  details: Series : FTK33 Diameter:  125mm Thickness: 3.0mm Center  hole: 22.23mm with steel core out  side Model No: 200611/ EN-12413  ALPHA LINE STEEL Web: www.  rhodius.abrasives.com OEM  Address: SCHIEFWEKZEUGA  GMBH &amp; CO KG BROHTSLSTR 2  56659 BURGBROHI/ GERMANY  SHELF LIFE OF DISC: 3 years from  date of manufacturing</p>	
130	DSA97528	FP2616-1-1ED1610019	599870523316 4 / INDICATION PCBS		5 / EACH/N UMBER	NO DATA AVAILAB LE					<p><b>TECHNICAL SPECIFICATION - NO DATA AVAILABEGENERAL SPECIFICATION - NO DATA AVAILABLE</b></p>	
131	DRG96633	315/70 R 15 TL (300 R 15)	261012400272 4 / TYRE TUBELESS SIZE 315/70 R 15 TL (300 R 15) 22PR		8 / EACH/N UMBER	CONTINE NTAL					<p><b>TECHNICAL SPECIFICATION - TYRE TUBELESS SIZE 315/70 R 15 TL (300 R 15) 22PR GENERAL SPECIFICATION - TYRE TUBELESS SIZE 315/70 R 15 TL (300 R 15) 22PR</b></p>	
132	DPK96605	L-AN68 GB443-89	915070513982 5 / MACHINERY OIL	LADDER , FANGER DOOR ,CABLE WI	10 / LITER	NO DATA AVAILAB LE		UK	UK		<p><b>TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -</b></p>	
133	DNM98815	393-5558	281578523486 3 / PISTON AND ROD GP		6 / EACH/N UMBER	C7-1502- 117					<p><b>TECHNICAL SPECIFICATION - nullGENERAL SPECIFICATION - null</b></p>	
134	DPK98953	sh/t0466- 1992/7023	9150FP002002 4 / LOW TEMPERATUR E GREASE	F-22P SHIPS	3 / KILOGR AMME	NO DATA AVAILAB LE		CH	CSTC- CHINA		<p><b>TECHNICAL SPECIFICATION - SOURCE OF AVAILABILITY: CSTC, CHINAGENERAL SPECIFICATION - SOURCE OF AVAILABILITY: CSTC, CHINA</b></p>	
135	DNM92242	3886126	156073517562 0 / FITTING	IPS 500	1 / EACH/N UMBER	IPS 500	IPS- F3940012 979	VOLVO PENTADEN	VPL SWEDEN VOLVO PENTA		<p><b>TECHNICAL SPECIFICATION - VOLVO PENTA ips marine propulsion associated: lock nut, prop nut, lock plate, frease, cones marine grade alloy metals GENERAL SPECIFICATION - VOLVO PENTA</b></p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											ips marine propulsion associated: lock nut, prop nut, lock plate, frease, cones marine grade alloy metals	
136	DPK98939	SAE 90 (80W90)	915025114513 5 / ENGINE GEAR OIL SAE 90 (80W90) (03 Ltr to 18 Ltr PACKING)	YAMAHA OUTBOARD ENGINE	8 / LITER	NO DATA AVAILAB LE		US		SOCIETY OF AUTOMOTIVE ENGINEERS INC, COMMAN WEALTH DRIVE, WARREN DALE, USA., PSC: 15096, TEL#724-776-4841	TECHNICAL SPECIFICATION - SAE 90 (80W90)GENERAL SPECIFICATION - SAE 90 (80W90)	
137	DNM96298	3921691	533001523012 1 / Gasket, Exh Out Connection	CUMMINS 200 KVA DG	1 / EACH/NUMBER	6CTA8.3	78515443	Cummins Americas Inc, 3350 SW 148 AVENUE, SUITE 205 Miramar, FL, 33027 USA Tell (1-954) 431-5511 Fax (1-954)433-5797		USA	TECHNICAL SPECIFICATION - FSC 5330 PACKING & GASKET MATERIALS TEMPERATURE RANGE TPTO 900c THICKNESS 1.0-2.5 MM OUTER DIAMETER: 70-120 MM GENERAL SPECIFICATION - FSC 5330 PACKING & GASKET MATERIALS TEMPERATURE RANGE TPTO 900c THICKNESS 1.0-2.5 MM OUTER DIAMETER: 70-120 MM	
138	DNM96297	3837348	294001523000 8 / Cleaner, Air	CUMMINS 200 KVA DG	1 / EACH/NUMBER	6CTA8.3	78515443	Cummins Americas Inc, 3350 SW 148 AVENUE, SUITE 205 Miramar, FL, 33027 USA Tell (1-954) 431-5511 Fax (1-954)433-5797		USA	TECHNICAL SPECIFICATION - FILTER TYPE HIGH EFFECIENCY OLEATED MEDIA HOUSING STAMPED STEEL OR MOLDED POLYMER PLEATED CELLULOSE AND SYNTHETIC FIBERS END CAP METAL OR PLASTIC SEALS ELASTOMER GASKET GASTENERS CLAMPS SCREWS GENERAL SPECIFICATION - FILTER TYPE HIGH EFFECIENCY OLEATED MEDIA HOUSING STAMPED STEEL OR MOLDED POLYMER PLEATED CELLULOSE AND SYNTHETIC FIBERS END CAP	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											METAL OR PLASTIC SEALS ELASTOMER GASKET GASTENERS CLAMPS SCREWS	
139	DNM978 02	1H-9696	533171520215 0 / O RING	CATERPILLAR GENSET D3512B (YBB1) USA	1 / EACH/N UMBER	NA	CAT3512 BEYBB00 583	CATERPILLAR, INC . 100 N.E. ADAMS STREET, PEORIA, IL 61629 USA	CATERPI LLAR USA		TECHNICAL SPECIFICATION - 0 ring seal nitrile rubber (nbr) 75a shore engine sealing (fuel, hydraulic, general & machinery) 44.04 mm (inside) approx 3.53 mm (cross section)GENERAL SPECIFICATION - 0 ring seal nitrile rubber (nbr) 75a shore engine sealing (fuel, hydraulic, general & machinery) 44.04 mm (inside) approx 3.53 mm (cross section)	
140	DPC995 34		047450220171 1 / SOAP TYPE B SOAP SCRUBBING ALKALINE JELLY 18KG DRUM	SKF COUPLING	676 / KILOGR AMME						TECHNICAL SPECIFICATION - BS 1913 of 1990 TYPE B USED FOR GENERAL CLEANING PURPOSEGENERAL SPECIFICATION - BS 1913 of 1990 TYPE B USED FOR GENERAL CLEANING PURPOSE	
141	DPC988 42		047350220230 7 / PAINT REMOVER ORGANIC SOLVENT TYPE WATER RINSABLE (04 LTR TIN)		24 / LITER						TECHNICAL SPECIFICATION - 1. DEFSTAN80-14/1 OF 1970. type brushingGENERAL SPECIFICATION - 1. DEFSTAN80- 14/1 OF 1970. type brushing	
142	DPK9893 5	LG 280	047450910050 2 / GREASE LG-280 (XG- 286)	FIVE /G SERVICE PUMP NO.3	99 / KILOGR AMME						TECHNICAL SPECIFICATION - SUPERCEDED VIDE CICP/NSD/5021 DT 23 OCT 09 AND DEFSTAN 01-5 ISSUE 16 PG305, 128GENERAL SPECIFICATION - SUPERCEDED VIDE CICP/NSD/5021 DT 23 OCT 09 AND DEFSTAN 01-5 ISSUE 16 PG305, 128	
143	DNQ953 04	COLUMBU S 300/306	424099795691 0 / FABRIC, FLAME RETARD.	SMOKE CURTAIN USE	100 / METER						TECHNICAL SPECIFICATION - 1.50 MM X 50M = 75SQM PER ROLL @ 555G/SQM SILVR GREY SILICONE COATING TO BOTH SIDES GENERAL SPECIFICATION - 1.50 MM X 50M = 75SQM PER ROLL @ 555G/SQM SILVR GREY SILICONE	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											COATING TO BOTH SIDES	
144	DNQ986 41	11/454/3/1 0/2745	533099923890 5 / STRIP RUBBER SHEET	4.5" MK-8 GUN	2 / EACH/N UMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
145	DNQ995 68	NO DATA AVAILABL E	009159910798 3 / FIRE BUCKET	FIRE FIGHTING PURPOSE	18 / EACH/N UMBER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - a. 09 liters water filled standard. b. made of galvanized steel of at least no.22 uss gauge c. rounded bottom welded in place or otherwise suitably reinforced. d. furnished with stamped ears welded in place e. strong wire bail and losse fitting metal covers to exclude debris and retard evaporation. f. should be painted bright red with the word "fire" stenciled in large letter on their outside with contrasting colored paints. g. bucket tanks should be coated with red lead. GENERAL SPECIFICATION - a. 09 liters water filled standard. b. made of galvanized steel of at least no.22 uss gauge c. rounded bottom welded in place or otherwise suitably reinforced. d. furnished with stamped ears welded in place e. strong wire bail and losse fitting metal covers to exclude debris and retard evaporation. f. should be painted bright red with the word "fire" stenciled in large letter on their outside with contrasting colored paints. g. bucket tanks should be coated with red lead.	
146	DNM973 42	MURPHY LTD PDS 100-007	668571504852 7 / OIL PRESSURE GAUGE 0-TO- 100 PSI& 0-7 BAR MURPHY SWITCH GAUGE	CUMMINS DIESEL ENGINE 34.5 KVA (USA/UK)	5 / EACH/N UMBER						TECHNICAL SPECIFICATION - DIMENSION / SIZE: Gauge size 2 x 2 inches, Dial 2 ¼ inches with installation flayer bush and 6 points male/female connector and wire. 0 to 100 PSI & 0 to 7 Bar Murphy Switch Gauge GENERAL SPECIFICATION - DIMENSION / SIZE: Gauge size 2 x 2 inches, Dial 2 ¼ inches with installation flayer bush and 6 points male/female connector and wire. 0 to	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											100 PSI & 0 to 7 Bar Murphy Switch Gauge	
147	DPK98206	DEVCON UW/11800	803001120875 3 / FILLER, DENT,METAL SURFACE		16 / POUND	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
148	SPC99310	XCJ	6850FP099000 3 / SILICA GEL MOISTURE ABSORPTION AGENT		800 / EACH/N UMBER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
149	DPK98951	LG280	9150FP002001 4 / GREASE LG280		3 / KILOGR AMME	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
150	DNM98806	3356266	482071523582 5 / INTAKE VALVE SEAT		6 / EACH/N UMBER	C7-1502- 117					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
151	DRG99465	ZO6567888	2610ZO656788 8 / TYRE WITH TUBE FRONT SIZE 6.50-10 10PR		3 / EACH/N UMBER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - BRAND:BRIDGESTONE,SIZE 6.50- 10 10PR,U LUG TYPE MADE JAPAN OR INDONESIA. GENERAL SPECIFICATION - BRAND: BRIDGESTONE,SIZE 6.50-10 10PR, U LUG TYPE MADE JAPAN OR INDONESIA.	
152	DRG100352	ITD/BTT3-493-300-000	0000ZO655085 6 / BATTERY PACK TX CONTROLLER 9.6 VOLTS DC JR JAPAN		6 / EACH/N UMBER	0					TECHNICAL SPECIFICATION - AS PER OEM GENERAL SPECIFICATION - AS PER OEM	
153	DNM98818	364-7040	281578523544 0 / INJECTOR GP FUEL		6 / EACH/N UMBER	C7-1502- 117					TECHNICAL SPECIFICATION - MAKE: CATERPILLAR GENERAL SPECIFICATION - MAKE: CATERPILLAR	
154	DRG100281	ZO6547932	2915ZO654793 2 / REGULATOR HIGH PRESSURE		1 / EACH/N UMBER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - S2500 GP SINGLE STAGE REG FOR OXY/INERT GAS SVCE EAX INLET PRESS:300BAR/4350PSI, OUTLET PRESS:172BAROR 2500 PSI GENERAL SPECIFICATION - S2500 GP SINGLE STAGE REG FOR OXY/INERT GAS SVCE EAX INLET PRESS:300BAR/4350PSI,	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											OUTLET PRESS:172BAROR 2500 PSI	
155	DNM98921	9V-3811	530501297176 3 / BOLT 12 POINT HEAD (1/2-20X2.25-IN)		4 / EACH/NUMBER	C7-1502-117					TECHNICAL SPECIFICATION - Thr&ad lpping of the Hole: 20 Grade: 11.9 lYpe: 12 Point Head Bolt Screw Length (In): 2 114 Material: STEEL Screw lYpe: 12 POint Material Description: Head Mal1 2 Thread: Fine Thread Size (in - TPI) (in): 112-20 Head Height (In): 0.5 Flange Diameter (In): 0.75GENERAL SPECIFICATION - Thr&ad lpping of the Hole: 20 Grade: 11.9 lYpe: 12 Point Head Bolt Screw Length (In): 2 114 Material: STEEL Screw lYpe: 12 POint Material Description: Head Mal1 2 Thread: Fine Thread Size (in - TPI) (in): 112-20 Head Height (In): 0.5 Flange Diameter (In): 0.75	
156	DNM98802	4367781/317-5482	3110785235438 / BEARING		6 / EACH/NUMBER	C7-1502-117					TECHNICAL SPECIFICATION - catterpillar GENERAL SPECIFICATION - catterpillar	
157	DNM98623	4367781/317-5482	3110785235438 / BEARING		6 / EACH/NUMBER	C7-1502-117					TECHNICAL SPECIFICATION - catterpillar GENERAL SPECIFICATION - catterpillar	
158	DNM98828	276-7476	2815785235439 / KIT-PISTON RING (KIT INCLUDES RINGS-PISTON)		8 / EACH/NUMBER	C7-1502-117					TECHNICAL SPECIFICATION - nullGENERAL SPECIFICATION - null	
159	DSX100234	61DB300	4710TY6715030 / SS PIPE 2"		224 / METER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - NO DATA AVAILABLEGENERAL SPECIFICATION - NO DATA AVAILAB LE	
160	DRG100283	B759-1165	5830ZO6528675 / SWITCH (ON/OFF) HARNESS JR JAPAN		45 / EACH/NUMBER	NO DATA AVAILAB LE					TECHNICAL SPECIFICATION - SWITCH HARNESS C WITH CHARGING SOCKETS(J100003) MAKE:JR REMOTE CONTROL CO LTD (JAPAN) GENERAL SPECIFICATION - SWITCH HARNESS C WITH CHARGING SOCKETS(J100003) MAKE:JR REMOTE CONTROL CO LTD	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
161	DRG986 85	JR JAPAN MODEL 9XII / JR- MATRIX22	5826ZO656327 9 / RADIO CONTROL SYS COMPLETE WITH ACCESORIES/ JR DEEFORCE MATRIX 22/DMSS 22CH TRANSMITTE R		1 / EACH/N UMBER	NO DATA AVAILAB LE					(JAPAN)  <u>TECHNICAL SPECIFICATION -</u> Description: Radio Control System complete with accessories/JR Deeforce MATRIX 22/DMSS 22ch Transmitter Part No: JR-MATRIX22 Brand: JR Deeforce / JR PROPO Model: MATRIX 22 DMSS 22ch Transmitter Protocol: DMSS 2.4 GHZ Unit Price: 2198 \$ (US Dollar) OEM: JR Deeforce Address: HeliDirect LLC, 8768 west state road 236, Middletown, in 47356, USA. Phone No: 1-877-439-4354 Local Source of supply: Unique Agencies Block 17 Pedro'o'Souza Road Garden Karachi, Pakistan. Technical Specification/Features: a. CNC Machine and painted transmitter case components b. Quick response touch screen. c. Precise CNC & plastic hybrid gimbals. d. High resolution stick control. f. The latest android format & new main motherboard fitted. g. 22 channels in PWM mode / 64 channel in XBUS h. The latest XBUS communication installed. j. Upgraded telemetry sensor capability / each function can handle 8 sensors. k. Sequencer function for landing gear. m. SD card slot available. n. USB ports equipped (capable to use PC mouse function) <u>GENERAL SPECIFICATION -</u> Description: Radio Control System complete with accessories/JR Deeforce MATRIX 22/DMSS 22ch Transmitter Part No: JR-MATRIX22 Brand: JR Deeforce / JR PROPO Model: MATRIX 22 DMSS 22ch Transmitter Protocol: DMSS 2.4 GHZ Unit Price: 2198 \$ (US Dollar) OEM: JR Deeforce Address: HeliDirect LLC, 8768 west state road 236, Middletown, in 47356, USA. Phone	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>No: 1-877-439-4354 Local Source of supply: Unique Agencies Block 17 Pedro'o'Souza Road Garden Karachi, Pakistan. Technical Specification/Features: a. CNC Machine and painted transmitter case components b. Quick response touch screen. c. Precise CNC &amp; plastic hybrid gimbals. d. High resolution stick control. f. The latest android format &amp; new main motherboard fitted. g. 22 channels in PWM mode / 64 channel in XBUS h. The latest XBUS communication installed. j. Upgraded telemetry sensor capability / each function can handle 8 sensors. k. Sequencer function for landing gear. m. SD card slot available. n. USB ports equipped (capable to use PC mouse function)</p>	
162	DRG98602	JR JAPAN MODEL 9XII / JR-MATRIX22	5826ZO656327 9 / RADIO CONTROL SYS COMPLETE WITH ACCESORIES/ JR DEEFORCE MATRIX 22/DMSS 22CH TRANSMITTER		1 / EACH/NUMBER	NO DATA AVAILAB LE					<p><b>TECHNICAL SPECIFICATION -</b> Description: Radio Control System complete with accessories/JR Deeforce MATRIX 22/DMSS 22ch Transmitter Part No: JR-MATRIX22 Brand: JR Deeforce / JR PROPO Model: MATRIX 22 DMSS 22ch Transmitter Protocol: DMSS 2.4 GHZ Unit Price: 2198 \$ (US Dollar) OEM: JR Deeforce Address: HeliDirect LLC, 8768 west state road 236, Middletown, in 47356, USA. Phone No: 1-877-439-4354 Local Source of supply: Unique Agencies Block 17 Pedro'o'Souza Road Garden Karachi, Pakistan. Technical Specification/Features: a. CNC Machine and painted transmitter case components b. Quick response touch screen. c. Precise CNC &amp; plastic hybrid gimbals. d. High resolution stick control. f. The latest android format &amp; new main motherboard fitted. g. 22 channels in PWM mode / 64 channel in XBUS h. The latest</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>XBUS communication installed. j. Upgraded telemetry sensor capability / each function can handle 8 sensors. k. Sequencer function for landing gear. m. SD card slot available. n. USB ports equipped (capable to use PC mouse function) <u>GENERAL SPECIFICATION -</u>            Description: Radio Control System complete with accessories/JR Deeforce MATRIX 22/DMSS 22ch Transmitter Part No: JR-MATRIX22 Brand: JR Deeforce / JR PROPO Model: MATRIX 22 DMSS 22ch Transmitter Protocol: DMSS 2.4 GHZ Unit Price: 2198 \$ (US Dollar) OEM: JR Deeforce Address: HeliDirect LLC, 8768 west state road 236, Middletown, in 47356, USA. Phone No: 1-877-439-4354 Local Source of supply: Unique Agencies Block 17 Pedro'o'Souza Road Garden Karachi, Pakistan. Technical Specification/Features: a. CNC Machine and painted transmitter case components b. Quick response touch screen. c. Precise CNC &amp; plastic hybrid gimbals. d. High resolution stick control. f. The latest android format &amp; new main motherboard fitted. g. 22 channels in PWM mode / 64 channel in XBUS h. The latest XBUS communication installed. j. Upgraded telemetry sensor capability / each function can handle 8 sensors. k. Sequencer function for landing gear. m. SD card slot available. n. USB ports equipped (capable to use PC mouse function)</p>	
163	DNM98824	335-6264	481078523543 8 / GUIDE VALVE		12 / EACH/NUMBER	C7-1502-117					<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
164	DNM98809	277-9940	533101574279 6 / seal o ring		3 / EACH/NUMBER	C7-1502-117					<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
165	DNM98922	451-0548	530671522852 1 / BOLT	50KVA ALLIED CAT DG 400 VOLTS 3 PHASE 50 HZ	1 / EACH/N UMBER	N/A	E3S01292	CATERPILLAR INC MANAGER ,CUSTOMER SERVICE,ENGINE DIVISION MOSSVILLE BLDG AC P.O.BOX 610 MOSSVILLE,LLLINOIS 61552-0610 COUNTRY USA	ALLIED CAT		<u>TECHNICAL SPECIFICATION</u> - thread size: m14 material: steel zinc plated inner diameter: 9 mm (0.35 in) cross hole diameter: 5.5mm (0.21 in) screw type: banjo screw hex size (in): 0.75 material: description: steel <u>GENERAL SPECIFICATION</u> - thread size: m14 material: steel zinc plated inner diameter: 9 mm (0.35 in) cross hole diameter: 5.5mm (0.21 in) screw type: banjo screw hex size (in): 0.75 material: description: steel	
166	DNM102422	CWCU-224-29	413070521633 2 / HEPA FILTER (99 % EFFICIENCY) SIZE 48X24X2	HVAC AHU 24 TON CWCU- 224 PAKISTAN	8 / EACH/N UMBER	H-14	NIL	COOL POINT ADDA PLOT SHARAIZ AVENUE JATI UMRA ROAD RAIWIND ROAD LAHORE	GUARD FILTERS PAKISTA N www. quardfilter s.com		<u>TECHNICAL SPECIFICATION</u> - H- 14 FOR OT-3 48" X 24X 2" (02 No) FOR EYE OT 48" X24"X2" (01 Nos) <u>GENERAL SPECIFICATION</u> - H-14 FOR OT-3 48" X 24X 2" (02 No) FOR EYE OT 48" X24"X2" (01 Nos)	
167	DNQ102157	15199001	422079528948 9 / SOLAS SOFTPACK RFD (FIRST AID KIT) FOR LIFE RAFT - LIFE BOAT		2 / EACH/N UMBER	life raft					<u>TECHNICAL SPECIFICATION</u> - null <u>GENERAL SPECIFICATION</u> - null	
168	DPC102289	CC 2748M (5 liters packing) CC2750M (20 liters packing)	681071522985 7 / ES Complete EG premix coolant	MAIN ENGINE	230 / LITER		22376716	CUMMINS FILTERATION FLEETGUARD DISTRIBUTERS	CUMMIN S/ FLEETGU ARD		<u>TECHNICAL SPECIFICATION</u> - Fleetguard CC2825ES Compleat Ectended life antifreeze/ coolant. Ethylene glycol <u>GENERAL SPECIFICATION</u> - Fleetguard CC2825ES Compleat Ectended life antifreeze/ coolant. Ethylene glycol	
169	DNH102179	HWM80- 1269Y/XQ G50HDB1 000- AD09/XQS 75BZ1528 8U1	3510FP100000 1 / Auto Washing Machine (HAIER) 8 KG	XQG50- HDB1000 AUTO WASHING MACHINE (LAUNDRY EQUIPMENT F-22P SHIPS)	1 / EACH/N UMBER		N/A		HOTELST AR MARINE EQUIPME NT MANUFA CTURE CO.,LTD		<u>TECHNICAL SPECIFICATION</u> - <u>GENERAL SPECIFICATION</u> -	
170	DNM102354	135326205	294001623520 0 / AIR CLEANER, INTAKE	AIR FILTER ASSY SDG15PS UK	1 / EACH/N UMBER	SDG15PS	00154030 27	PERKINS ENGINES INC26200 TOWN CENTER DR STE 280 TE309-578-7364 FAX 309-578-7329	PERKINS UK		<u>TECHNICAL SPECIFICATION</u> - AIR FILTER ASEMBLY REQUIRED FOR OPS REQUIREMENT <u>GENERAL SPECIFICATION</u> - AIR FILTER ASEMBLY REQUIRED FOR OPS	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
									WWW.PERKIN.COM UK		REQUIREMENT	
171	DNQ102 367	B1 PRENEC	597099522452 6 / TAPE INSULATING 38MM	TAPE INSULATING (FF)	9 / ROLL	NO DATA AVAILAB LE		UK	UK ENGLAN D		TECHNICAL SPECIFICATION - NMAGE:K4723 M/S DUNLOP GREENGATE (STROMPROFING LTD) MOSS ROSE MILL, SPRINGFIELD ROAD KERSLEY, BOLTON UNITED KINGDOM BL4 8JW TEL 01204 466 74, FAX 01204 861 333 EMA lesley.minton@john- holden.com www www.JOHN- HOLDEN.COM ITEMS REQUIRED ON VALID PART NUMBER AS PER NMCRL GENERAL SPECIFICATION - NMAGE:K4723 M/S DUNLOP GREENGATE (STROMPROFING LTD) MOSS ROSE MILL, SPRINGFIELD ROAD KERSLEY, BOLTON UNITED KINGDOM BL4 8JW TEL 01204 466 74, FAX 01204 861 333 EMA lesley. minton@john-holden.com www www. JOHN-HOLDEN.COM ITEMS REQUIRED ON VALID PART NUMBER AS PER NMCRL	
172	DPC102 269	NA	650870523178 5 / HAND SANITIZER	SELF	80 / LITER	NIL	NIL	PAKISTAN	PAKISTA N		TECHNICAL SPECIFICATION - HAND SANITIZERGENERAL SPECIFICATION - HAND SANITIZER	
173	DPC102 253		047450220171 1 / SOAP TYPE B SOAP SCRUBBING ALKALINE JELLY 18KG DRUM	SKF COUPLING	1130 / KILOGR AMME						TECHNICAL SPECIFICATION - BS 1913 of 1990 TYPE B USED FOR GENERAL CLEANING PURPOSEGENERAL SPECIFICATION - BS 1913 of 1990 TYPE B USED FOR GENERAL CLEANING PURPOSE	
174	DPC102 180	NO DATA AVAILABL E	047350942924 4 / PIGMENT POWDER (LEAD CHROME) BS- 282		31 / KILOGR AMME						TECHNICAL SPECIFICATION - Yellow oxide (fine powder) Plastic packing 0.5 Kg Brand Name: Blue BirdGENERAL SPECIFICATION - Yellow oxide (fine powder) Plastic packing 0.5 Kg Brand Name: Blue Bird	
175	DPC102 220	NO DATA AVAILABL	047450474009 5 / MOLASSES	PORT MAIN FIRE PUMP	615 / KILOGR						TECHNICAL SPECIFICATION - MOLASSES COMPOSITION: BRIX	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
		E	(PACKING 25 KG CAN)		AMME						SPINDLE: 86.0LBS WEIGHT/GALLON: 11.8-12.0 LBS NITROGEN: 1.01%CRUDE PROTEIN: 6.30% TOTAL SUGARS: 48.3% DENSITY: 11.8% DRY MATTER: 76.5% MOISTURE: 23.5% ASH; 16.0% ORGANIC MATTER: 62.5% REDUCING SUBSTANCE AS DEXTROSE: 11.5% SUCROSE: 35.9% FRUCTOSE:5.6% GLUCOSE: 2.6% PH:4.9-5.GENERAL SPECIFICATION - MOLASSES COMPOSITION: BRIX SPINDLE: 86.0LBS WEIGHT/GALLON: 11.8- 12.0 LBS NITROGEN: 1.01%CRUDE PROTEIN: 6.30% TOTAL SUGARS: 48.3% DENSITY: 11.8% DRY MATTER: 76.5% MOISTURE: 23.5% ASH; 16.0% ORGANIC MATTER: 62.5% REDUCING SUBSTANCE AS DEXTROSE: 11.5% SUCROSE: 35.9% FRUCTOSE:5.6% GLUCOSE: 2.6% PH.4.9-5.	
176	DPC102 201		047399531464 1 / AMEROYAL	EVAPORATOR S	25 / LITER						TECHNICAL SPECIFICATION - NO DATA AVAILABLEGENERAL SPECIFICATION - NO DATA AVAILABLE	
177	DPC102 264	732RTV	042599225196 2 / SILICON RUBBER SILASTIC 732RTV (SEALING COMPOUND) WHITE 90ML TUBE (OEM DOW CORNING)	PROPELLER SEALING	68 / EACH/N UMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLEGENERAL SPECIFICATION - NO DATA AVAILABLE	
178	DPC101 864	NO DATA AVAILABL E	044350443000 5 / CYLINDER FOR COOKING GAS (EMPTY) CAPACITY 45.40KG		55 / EACH/N UMBER						TECHNICAL SPECIFICATION - 1. grade-1 i . a . w (dot 4wb hse) colour: yellow need. 2. Specification: DOT- 4 BW (HSE) WELDED STEEL CYLINDERS OF DEFINITELY PRESCRIBED WITH ELECTRIC ARC WELDED LONGITUDINAL	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>SEAM. 3. CYLINDER VALVE: OGRA APPROVED MANUFACTURER'S COMPACT VALVE DESIGN DATA: Product=LPG Cylinder, type=commercial 45.4 kg capacity, design pressure=270 psi, test pressure=540 psi, standard= dot-48w 270, water capacity=108 ltrs, overall length=1280 +/- 15s, pneumatic test pressure=110 psi, shell and doom dimensions: Sheet thickness=3mm or 3.2mm, off setting=9mm +/- 1, other dia=368mm +/- 1, height of shell with base to bung=1164mm +/- 10, base clearance from bottom=29mm +/- 2, PIPE ring dimesion: thickness=2.1mm +/- 0.1, outer dia=240mm +/- 2, pipe dia=21mm +/- 1. FOOT ring dimensions: thickness=3mm, tolerance=as per pakistan steel tolerance standard, height=90mm +/- 2, Outer Dia=372mm +/- 2, drain hole bottom=3Nos. 9mm, painting: cylinder should be sand blasted before painting, colour=yellow or as per PN Requirements, primer and paint thickness=60 ~ 80 micron, monogram printing on shell as per PN requirements, bung dimension: material=jus g 311287 grade sr 24, height=21mm +/- 1, top dia=45mm +/- 0.5, collar dia=48mm +/- 1, collar height=7mm +/- 1, thread size=3/4" NGT, Cylinder Valve: OGRA Approved Manufacturer's Compact Valve TESTs: Volumetric Expansion, Hydrostatic Test, Burst Test, Radiography Test, Air Leak Valve Check at 110PSI, Valve Tightness at 120~150 Torque. <u>GENERAL SPECIFICATION</u> - 1. grade-1 i. a . w (dot 4wb hse) colour: yellow need. 2. Specification: DOT- 4 BW (HSE) WELDED STEEL CYLINDERS OF DEFINITELY PRESCRIBED WITH</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>ELECTRIC ARC WELDED LONGITUDINAL SEAM. 3. CYLINDER VALVE: OGRA APPROVED MANUFACTURER'S COMPACT VALVE DESIGN DATA: Product=LPG Cylinder, type=commercial 45.4 kg capacity, design pressure=270 psi, test pressure=540 psi, standard= dot-48w 270, water capacity=108 ltrs, overall length=1280 +/- 15s, pneumatic test pressure=110 psi, shell and doom dimensions: Sheet thickness=3mm or 3.2mm, off setting=9mm +/- 1, other dia=368mm +/- 1, height of shell with base to bung=1164mm +/- 10, base clearance from bottom=29mm +/- 2, PIPE ring dimesion: thickness=2.1mm +/- 0.1, outer dia=240mm +/- 2, pipe dia=21mm +/- 1. FOOT ring dimensions: thickness=3mm, tolerance=as per pakistan steel tolerance standard, height=90mm +/- 2, Outer Dia=372mm +/- 2, drain hole bottom=3Nos. 9mm, painting: cylinder should be sand blasted before painting, colour=yellow or as per PN Requirements, primer and paint thickness=60 ~ 80 micron, monogram printing on shell as per PN requirements, bung dimension: material=jus g 311287 grade sr 24, height=21mm +/- 1, top dia=45mm +/- 0.5, collar dia=48mm +/- 1, collar height=7mm +/- 1, thread size=3/4" NGT, Cylinder Valve: OGRA Approved Manufacturer's Compact Valve TESTs: Volumetric Expansion, Hydrostatic Test, Burst Test, Radiography Test, Air Leak Valve Check at 110PSI, Valve Tightness at 120~150 Torque,</p>	
179	DPC102 368	NO DATA AVAILABL E	044350443000 5 / CYLINDER FOR		30 / EACH/N UMBER						<p><b>TECHNICAL SPECIFICATION - 1.</b> grade-1 i. a . w (dot 4wb hse) colour: yellow need. 2. Specification: DOT- 4</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
			COOKING GAS (EMPTY) CAPACITY 45.40KG								<p>BW (HSE) WELDED STEEL CYLINDERS OF DEFINITELY PRESCRIBED WITH ELECTRIC ARC WELDED LONGITUDINAL SEAM. 3. CYLINDER VALVE: OGRA APPROVED MANUFACTURER'S COMPACT VALVE DESIGN DATA: Product=LPG Cylinder, type=commercial 45.4 kg capacity, design pressure=270 psi, test pressure=540 psi, standard= dot-48w 270, water capacity=108 ltrs, overall length=1280 +/- 15s, pneumatic test pressure=110 psi, shell and doom dimensions: Sheet thickness=3mm or 3.2mm, off setting=9mm +/- 1, other dia=368mm +/- 1, height of shell with base to bung=1164mm +/- 10, base clearance from bottom=29mm +/- 2, PIPE ring dimesion: thickness=2.1mm +/- 0.1, outer dia=240mm +/- 2, pipe dia=21mm +/- 1. FOOT ring dimensions: thickness=3mm, tolerance=as per pakistan steel tolerance standard, height=90mm +/- 2, Outer Dia=372mm +/- 2, drain hole bottom=3Nos. 9mm, painting: cylinder should be sand blasted before painting, colour=yellow or as per PN Requirements. primer and paint thickness=60 ~ 80 micron, monogram printing on shell as per PN requirements, bung dimension: material=jus g 311287 grade sr 24, height=21mm +/- 1, top dia=45mm +/- 0.5, collar dia=48mm +/- 1, collar height=7mm +/- 1, thread size=3/4" NGT, Cylinder Valve: OGRA Approved Manufacturer's Compact Valve TESTs: Volumetric Expansion, Hydrostatic Test, Burst Test, Radiography Test, Air Leak Valve Check at 110PSI, Valve Tightness at 120~150 Torque,GENERAL SPECIFICATION - 1. grade-1 i. a. w</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>(dot 4wb hse) colour: yellow need. 2. Specification: DOT- 4 BW (HSE) WELDED STEEL CYLINDERS OF DEFINITELY PRESCRIBED WITH ELECTRIC ARC WELDED LONGITUDINAL SEAM. 3. CYLINDER VALVE: OGRA APPROVED MANUFACTURER'S COMPACT VALVE DESIGN DATA: Product=LPG Cylinder, type=commercial 45.4 kg capacity, design pressure=270 psi, test pressure=540 psi, standard= dot-48w 270, water capacity=108 ltrs, overall length=1280 +/- 15s, pneumatic test pressure=110 psi, shell and doom dimensions: Sheet thickness=3mm or 3.2mm, off setting=9mm +/- 1, other dia=368mm +/- 1, height of shell with base to bung=1164mm +/- 10, base clearance from bottom=29mm +/- 2, PIPE ring dimesion: thickness=2.1mm +/- 0.1, outer dia=240mm +/- 2, pipe dia=21mm +/- 1. FOOT ring dimensions: thickness=3mm, tolerance=as per pakistan steel tolerance standard, height=90mm +/- 2, Outer Dia=372mm +/- 2, drain hole bottom=3Nos. 9mm, painting: cylinder should be sand blasted before painting, colour=yellow or as per PN Requirements, primer and paint thickness=60 ~ 80 micron, monogram printing on shell as per PN requirements, bung dimension: material=jus g 311287 grade sr 24, height=21mm +/- 1, top dia=45mm +/- 0.5, collar dia=48mm +/- 1, collar height=7mm +/- 1, thread size=3/4" NGT, Cylinder Valve: OGRA Approved Manufacturer's Compact Valve TESTs: Volumetric Expansion, Hydrostatic Test, Burst Test, Radiography Test, Air Leak Valve Check at 110PSI, Valve Tightness at</p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
											120~150 Torque,	
180	DNQ102 268	0254- 254050	025478420315 3 / CLAMP HOSE SZ 5.500 TO 6.250 BS 5315 71/226		55 / EACH/N UMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
181	DPC102 162	0474-7041	047450224264 2 / CEMENT PORTLAND (50 KG BAG)		2000 / KILOGR AMME						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
182	DPC102 174	-	047350473004 9 / SILICA GEL (Packing = 5 KG Bag)		295 / KILOGR AMME						TECHNICAL SPECIFICATION - A. SILICA GEL (DESICCANT) IN GRAIN FORM FOR TRANSFORMERS HUMIDITY CONTROL. B. GRAIN SIZE 2.0 – 3.0 MM. C. CAPABLE TO ABSORB MOISTURE AT ROOM TEMPERATURE AND RELEASE MOISTURE WHEN HEATED UP. D. SMALL POROUS, WHITE STANDARD. GENERAL SPECIFICATION - A. SILICA GEL (DESICCANT) IN GRAIN FORM FOR TRANSFORMERS HUMIDITY CONTROL. B. GRAIN SIZE 2.0 – 3.0 MM. C. CAPABLE TO ABSORB MOISTURE AT ROOM TEMPERATURE AND RELEASE MOISTURE WHEN HEATED UP. D. SMALL POROUS, WHITE STANDARD.	
183	DNM101 242	3094008	281571509294 6 / NOZZLE INJECTOR INJECTOR OPTION PP 2124	CUMMINS (USA) DPS KARACHI	12 / EACH/N UMBER	PP 2124					TECHNICAL SPECIFICATION - OEM::NAM: CUMMINS INC. ST1: 500 JACKSON ST CIT: COLUMBUS STE: IN CTR: UNITED STATES PSC: 47201-6258 TEL: 812-377- 3920 FAX: 812-377-1715 IDN: DUNS 006415160 EMA: STEVE.A. HEWITT@CUMMINS.COM GENERAL SPECIFICATION - OEM:: NAM: CUMMINS INC. ST1: 500 JACKSON ST CIT: COLUMBUS STE: IN CTR: UNITED STATES	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											PSC: 47201-6258 TEL: 812-377-3920 FAX: 812-377-1715 IDN: DUNS 006415160 EMA: STEVE.A. HEWITT@CUMMINS.COM	
184	DNQ102156	PURIFIED LOCALLY DEVELOPED	4220795055188 / EMERGENCY PURIFIED DRINKING WATER CONTENT 500 ML (LIFE RAFT).	S/PACK USED IN 20MEN LIFE RAFT	246 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
185	DNH102316	NO DATA AVAILABLE	4110PK5073820 / WATER COOLER STORAGE TYPE CAPACITY 30 LITERS 220V .33HP	WATER COOLER STORAGE TYPE	1 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
186	DNH102275	NO DATA AVAILABLE	4130705046529 / A/C 2 TON SPLIT TYPE 2 TON, GREE/ MITSUBUSHI/ DAKEN/ GENERAL, 24000 BTU 220 V 50 HZ ANY BRAND AS PER NHQ POLICY	SELF	1 / EACH/NUMBER	GREE/PEL, MITSUBUSHI/ DAKEN/ GENERAL, LG,					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
187	DNH102217	wdf-318	4110731001200 / DEEP FREEZER 18 CU FT-220 V AC 50 HZ PEL, WAVES AND DAWLANCE		1 / EACH/NUMBER	WDF-318					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
188	DNH102421	wdf-318	4110731001200 / DEEP FREEZER 18 CU FT-220 V AC 50 HZ PEL,		2 / EACH/NUMBER	WDF-318					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
			WAVES AND DAWLANCE									
189	DNH102 252		411070511157 1 / WATER DISPENSER	WATER COOLER (SUNNY/MECO)	28 / EACH/NUMBER	WA60000 514					TECHNICAL SPECIFICATION - Make: Orient Technical specification: 3 Tab Water Dispenser ICON 3 (Mesh grey) Voltage 220-240 V Frequency 50 Hz Heating Power 420 W Cooling Power 100 W GENERAL SPECIFICATION - Make: Orient Technical specification: 3 Tab Water Dispenser ICON 3 (Mesh grey) Voltage 220-240 V Frequency 50 Hz Heating Power 420 W Cooling Power 100 W	
190	DNQ102 361	11/454/3/10/2745	533099923890 5 / STRIP RUBBER SHEET	4.5" MK-8 GUN	4 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
191	DNQ102 015	11/454/3/10/2745	533099923890 5 / STRIP RUBBER SHEET	4.5" MK-8 GUN	10 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
192	DNQ102 200	0413-2183	597099923966 3 / TAPE INSULATION ELECTRICAL	GENETAL USE	91 / EACH/NUMBER						TECHNICAL SPECIFICATION - Brand: OSAKA, NEETO . Packing details: 10-12 in each packing GENERAL SPECIFICATION - Brand: OSAKA, NEETO . Packing details: 10-12 in each packing	
193	DNH102 315	NO DATA AVAILABLE	411050053012 5 / REFRIGE 12CU/FT DOUBLE DOOR 220V 50 HZ PHILCO/DAWLANCE/WAVES/PEL	DAWLANCE, WAVES, PHILICO (PAKISTAN), PEL (PAK)	1 / EACH/NUMBER	NO DATA AVAILABLE					TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
194	DPC102 188	HRC-407C (HFC-407C) GENETRON R-407C	683070511813 6 / GAS FOR (A/CS) R-407C (packing = 11.3 kg) (Purity level 99% Min)	A/C SPLIT (02TONS)	204.3 / KILOGRAMME						TECHNICAL SPECIFICATION - OEM: HONEYWELL (USA) GENERAL SPECIFICATION - OEM: HONEYWELL (USA)	
195	DPC102 313	205-6611 (05 Ltr) /	681070508453 2 / CAT ELC	CP AIR COMP	2090 / LITER						TECHNICAL SPECIFICATION - CAT ELC TM EXTENDED LIFE	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
		205-6612 (20 Ltr) /PN- 4378191 (20 LTR)	TM EXTENDED LIFE COOLANT FOR RADIATOR OF CATERPILLAR (05 Liter Can)								COOLANT PREMIX MIXING RATIO 50 /50 % PART NUMBER: 205-6611 FOR 05 LTR PART NUMBER: 205- 6612 FOR 20 LTRGENERAL SPECIFICATION - CAT ELC TM EXTENDED LIFE COOLANT PREMIX MIXING RATIO 50 /50 % PART NUMBER: 205-6611 FOR 05 LTR PART NUMBER: 205-6612 FOR 20 LTR	
196	DPC102 503	NO DATA AVAILABL E	681073100099 9 / CRYSTIC 406E NON ACCELERATE D VERSION LOW EXOTHERM MARINE GRADE POLYESTER RESIN OR EQUIVALENT LLOYDS APPROVED PRODUCT	FOR GRP BOAT	340 / KILOGR AMME						TECHNICAL SPECIFICATION - General purpose unsaturated, polyester resin un promoted thixotropic, laminating type orthophatalic, suitable for hand and spray lay up of marine vessels in tropical conditions. USA West Europe, Japan make. Material should have valid Type Approval certificate of Lloyds's Register and of following specification: a Governing Reference/Specifications NES -167 CRYSTIC 406 E b. Viscosity, 25 "C mean share at 50 rpm Poise 4-8 - c. Specific gravity at 25oC - 1.1-1.15 - d. Acid value mg KOH / gm 20 (Max) e. Volatile content - 46% (Max) f. Tensile strength (unfilled resin) Mpa 57 (Min) g. Tensile strength (filled resin) Mpa 150 (Min) h. Flexural strength (unfilled resin) Mpa 80 (Min) J. Flexural strength (filled resin) MPA 175 (Min) k. Typical gel time,30oC with accelerator & MEKP Minutes 22 (Min) l. Cure time at 30oC accelerator & MEKP Minutes 35 (Min) m. Stability in dark at 25oC without initiator Months 6-8 - n. Water absorption (24 hours) mg 30 (Max)GENERAL SPECIFICATION - General purpose unsaturated, polyester resin un promoted thixotropic, laminating type orthophatalic, suitable for hand and spray lay up of marine vessels in tropical conditions. USA West	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											<p>Europe, Japan make. Material should have valid Type Approval certificate of Lloyds's Register and of following specification: a Governing Reference/Specifications NES -167 CRYSTIC 406 E b. Viscosity, 25 °C mean share at 50 rpm Poise 4-8 - c. Specific gravity at 25oC - 1.1-1.15 - d. Acid value mg KOH / gm 20 (Max) e. Volatile content - 46% (Max) f. Tensile strength (unfilled resin) Mpa 57 (Min) g. Tensile strength (filled resin) Mpa 150 (Min) h. Flexural strength (unfilled resin) Mpa 80 (Min) J. Flexural strength (filled resin) MPA 175 (Min) k. Typical gel time,30oC with accelerator &amp; MEKP Minutes 22 (Min) l. Cure time at 30oC accelerator &amp; MEKP Minutes 35 (Min) m. Stability in dark at 25oC without initiator Months 6-8 - n. Water absorption (24 hours) mg 30 (Max)</p>	
197	DPC102 334	24137	681000227041 0 / ISOPROPYL ALCOHOL (SIGMA ALDRICH 24137) (2.5 Liter Packing)		5 / GALLO N						<p><u>TECHNICAL SPECIFICATION - NO DATA AVAILABLE</u> <u>GENERAL SPECIFICATION - NO DATA AVAILABLE</u></p>	
198	DPC102 189		047354600470 3 / SODA CAUSTIC (PACKING 25 KG)		250 / KILOGR AMME						<p><u>TECHNICAL SPECIFICATION - Soda Caustic (chemical nomenclature SODIUM HYDROOXIDE) Chemical formula: NaOH+H2O • Other name of material: Lye, caustic soda water solution • Molecular mass: 40 • Hazard identification number: 80 • UN number: 1824 • Appearance: Colourless, odourless liquid free of sediments</u> <u>GENERAL SPECIFICATION - Soda Caustic (chemical nomenclature SODIUM HYDROOXIDE) Chemical formula: NaOH+H2O • Other name of</u></p>	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
											material: Lye, caustic soda water solution • Molecular mass: 40 • Hazard identification number: 80 • UN number: 1824 • Appearance: Colourless, odourless liquid free of sediments	
199	DNM102 216	7167-973D	432079512011 7 / CAM RING OF FUEL INJECTION PUMP (D/G)	FUEL INJECTION PUMP D/G	1 / EACH/N UMBER	6BT 5.9					TECHNICAL SPECIFICATION - Make Cummins (USA) OR DELPHI Model 6BT 5.9 GENERAL SPECIFICATION - Make Cummins (USA) OR DELPHI Model 6BT 5.9	
200	DPC102 372	555631	681025161721 1 / NITRITE NO 2 TABLETS		14 / BOTTLE	NITRITE NO 2 TABLETS					TECHNICAL SPECIFICATION - Manufacturer Address Wilhelmsen Ships Services AS P.O Box 33 NO- 1324 LYSAKER, NORWAY Tel: +4767584550 Technical Specifications Bottle contains 250 tablets Used for measuring Nitrite contents in NALFLEET-2000 General Specification Item is part of SPECTRAPACK 309 Cooling Water Test Kit (Part No 739466, NSN 6630735232429) GENERAL SPECIFICATION - Manufacturer Address Wilhelmsen Ships Services AS P.O Box 33 NO-1324 LYSAKER, NORWAY Tel: +4767584550 Technical Specifications Bottle contains 250 tablets Used for measuring Nitrite contents in NALFLEET-2000 General Specification Item is part of SPECTRAPACK 309 Cooling Water Test Kit (Part No 739466, NSN 6630735232429)	
201	DPC102 173	POLP9460 035MC2P K	683070524143 3 / HELIUM OXYGEN (HELIOX) MIXTURE OF 71% HELIUM 29% OXYGEN (CYLINDER 5.10 CUBIC M)		15.3 / CUBIC METER	not known					TECHNICAL SPECIFICATION - HELIUM OXYGEN (HELIOX) MIXTURE OF 71% HELIUM 29% OXYGEN (CYLINDER 5.10 CUBIC M)GENERAL SPECIFICATION - HELIUM OXYGEN (HELIOX) MIXTURE OF 71% HELIUM 29% OXYGEN (CYLINDER 5.10 CUBIC M)	
202	DNQ102	00-54007-	424071526961		20 /	nil					TECHNICAL SPECIFICATION -	

S. No	LPR No	PART NO	NSN / Description	P/Equipment	QTY / DENO	Model	SR NO OF PR	MANUF ADO	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
	274	98954-7	2 / 3m gloves general use		EACH/NUMBER						nullGENERAL SPECIFICATION - null	
203	DNQ102273	h-700	424071526961 4 / 3m safety helmet		10 / EACH/NUMBER	h-700					TECHNICAL SPECIFICATION - nullGENERAL SPECIFICATION - null	
204	DNQ102215	RADTARG E-H	666578527404 1 / HIGH SENSITIVE PERSONAL DOSIMETER		10 / EACH/NUMBER	RADTAR GE-H					TECHNICAL SPECIFICATION - electronics personnel dosimeter complete set. with dosimeter software and usb data transfer cable including annual, monthly, daily cumulative dose graph data log and export user device, management tresh hold time settigGENERAL SPECIFICATION - electronics personnel dosimeter complete set. with dosimeter software and usb data transfer cable including annual, monthly, daily cumulative dose graph data log and export user device, management tresh hold time settig	
205	DPC102241	CC 2748M (5 liters packing) CC2750M (20 liters packing)	681071522985 7 / ES Complete EG premix coolant	MAIN ENGINE	245 / LITER		22376716	CUMMINS FILTERATION FLEETGUARD DISTRIBUTERS	CUMMINS/ FLEETGUARD		TECHNICAL SPECIFICATION - Fleetguard CC2825ES Compleat Ectended life antifreeze/ coolant. Ethylene glycol GENERAL SPECIFICATION - Fleetguard CC2825ES Compleat Ectended life antifreeze/ coolant. Ethylene glycol	