

## TENDER BULLETIN

DATE & TIME 3/15/24 10:51 AM INVITATION TO TENDER TO BE OPENED ON 4/1/24 10:00 AM AND ITEM REQ BY

### CONDITIONS

1. NON REGISTERED FIRMS/SUPPLIERS ARE REQUIRED TO FORWARD BANK DRAFT/PAY ORDER EQUAL TO 5% TOTAL VALUE OF QUOTATION IN FAVOUR OF COMMANDER LOCAL PURCHASE DIVISION ALONGWITH THEIR BIDS.
2. FOR ANY AMPLIFIED DETAILS INTERESTED FIRM MAY CONTACT LOCAL PURCHASE DIVISION IN PERSON OR THROUGH TELEPHONE. DELIVERY TIME OF LOCALLY AVAILABLE ITEMS IS 15 DAYS AND 45 DAYS FOR IMPORTED ITEMS.
3. LAB TESTING CHARGES IF ANY WILL BE BORNE BY FIRM.

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
1	DNF57360	S.NO 58071	662579513659 9 / AMPERE METER RANGE 0-500AMPS (DC) SHUNT RATIO: 45MV SIZE 96MM2 X96MM2	110VDC RECTIFIER	5 / EACH/NUMBER	44C4		GR	SIEMENS GERMAN Y		<u>TECHNICAL SPECIFICATION - -</u> <u>GENERAL SPECIFICATION - -</u>	
2	DNM56260	5563450	289579527969 5 / control throttle		1 / EACH/NUMBER	cummins command control system					<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
3	DNZ46492	3029820	533101326477 5 / O-RING SEAL	MAIN DG	12 / EACH/NUMBER	6LTA	NIL	Cummins, Engine Co. Ltd	Cummins		<u>TECHNICAL SPECIFICATION - N/</u> <u>GENERAL SPECIFICATION - N/A</u>	
4	SNF51809	0102-034012-226	593078515448 1 / PHASE FAILURE IN PUT 380-415VAC	L/PAC	10 / EACH/NUMBER	IN PUT 380-415VAC	100-125 PSI	ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674	CHINA		<u>TECHNICAL SPECIFICATION - SOURCE OF AVAILABILY;ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674. SPEC;COIL VOLTAGE 220V AC.</u> <u>GENERAL SPECIFICATION - SOURCE OF AVAILABILY;ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674. SPEC;COIL VOLTAGE 220V AC.</u>	

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5	DNF48901	0102-034002-226	611078515447 1 / MAIN CONTACTOR 95 AMP COIL VOLTAGE 220V AC	L/PAC	1 / EACH/NUMBER		100-125 PSI	ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674	CHINA		<u>TECHNICAL SPECIFICATION - SOURCE OF AVAILABILY;ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674. SPEC;COIL VOLTAGE 220V AC RATING 95A.GENERAL SPECIFICATION - SOURCE OF AVAILABILY;ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674. SPEC;COIL VOLTAGE 220V AC RATING 95A.</u>	
6	DNJ57403	6G4-14303-20	291076521801 6 / CARBURETOR ASSY 3	200 AET 18 (60JK) OBM ENGINE	1 / EACH/NUMBER	L200AET 18(60JK)	6K1-X-1012721X	2500 SHINGAI LWATA SHIZUOKA 438-8501 JAPAN PHONE 0081-538-37-1668 FAX 0081-538-37-1954	YAMAHA MOTOR CO LTD		<u>TECHNICAL SPECIFICATION - N/AGENERAL SPECIFICATION - N/A</u>	
7	DNF55941	0103-034021-248	593078515451 2 / SELECTOR SWITCH 250V AC 3A	H/PAC	15 / EACH/NUMBER	PNC EB2		ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674	CHINA		<u>TECHNICAL SPECIFICATION - SOURCE OF AVAILABILITY;ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674. GENERAL SPECIFICATION - SOURCE OF AVAILABILITY;ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674.</u>	
8	DNF56558	RP200-12/93290064C	999973517901 6 / BATTERY 12V 200A/H H (MAINTENCE FREE)	Diesel Generator cummince	8 / EACH/NUMBER	RP200-12		ROCKT PREMIUM BATTERY.KOREA.WWW.gbattery.com	ROCKT PREMIUM BATTERY .KOREA		<u>TECHNICAL SPECIFICATION - ROCKT PREMIUM BATTERY. KOREA.WWW.gbattery.comGENERAL SPECIFICATION - ROCKT PREMIUM BATTERY. KOREA.WWW.gbattery.com</u>	
9	DNF56016	QMEC02/iCA	599976522667 9 / MAIN ENGINE CONTROL (	MAIN ENGINE	1 / EACH/NUMBER	MITCUBI SHI Q02HCP U	NIL	M/S LIAISON TEK OFFICE # 33 FIRST FLOOR S P CHAMBER S I T E KARACHI	LIAISON TEK		<u>TECHNICAL SPECIFICATION - MAIN ENGINE CONTROLGENERAL SPECIFICATION - MAIN ENGINE CONTROL</u>	

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			model MITCUBISHI Q02HCPU)					PH NO-03242636007				
10	DNZ57955	D100802.50	4310014166854 / CYLINDER LINER ASSEMBLY	MAIN CIRCUIT BRACKER	1 / EACH/NUMBER	NO DATA AVAILAB LE			UK	COMPAIR UK LTD. REAVELL 53-56 WHITE HOUSE ROAD IPSWICH ENGLAN D IPI 5PB	<u>TECHNICAL SPECIFICATION - .</u> <u>GENERAL SPECIFICATION - .</u>	
11	DNZ55895	D100802.50	4310014166854 / CYLINDER LINER ASSEMBLY	MAIN CIRCUIT BRACKER	1 / EACH/NUMBER	NO DATA AVAILAB LE			UK	COMPAIR UK LTD. REAVELL 53-56 WHITE HOUSE ROAD IPSWICH ENGLAN D IPI 5PB	<u>TECHNICAL SPECIFICATION - .</u> <u>GENERAL SPECIFICATION - .</u>	
12	DNQ53756	429083	4210705150091 / VALVE ASSEMBLY 7KG CO2 FIRE EXTINGUISHER.	07 KG CO2 FIRE EXTINGUISHER	7 / EACH/NUMBER	PBS-5		M/S:AZAM ENTERPRISES KARACHI PHONE: 2624690.		AZAM ENTERPRISES KARACHI PHONE: 2624690	<u>TECHNICAL SPECIFICATION -</u> COUNTRY : PAKISTAN MAKE : Local/ Pakistan <u>GENERAL SPECIFICATION -</u> COUNTRY : PAKISTAN MAKE : Local/ Pakistan	
13	DNZ56362	D100573.13	2930795138829 / DIAPHRAGM DRAIN VALVE SIGNAL PIPE	MAIN AIR COMPRESSOR	2 / EACH/NUMBER	NO DATA AVAILAB LE			UK	COMPAIR UK LTD ENGLAN D	<u>TECHNICAL SPECIFICATION - -</u> <u>GENERAL SPECIFICATION - -</u>	
14	DNZ54620	95602.151	5331014159089 / O RING	MAIN AIR COMPRESSOR	2 / EACH/NUMBER	NO DATA AVAILAB LE			UK	COMPAIR UK LTD. REAVELL 53-56 WHITE HOUSE ROAD IPSWICH ENGLAN D IPI 5PB	<u>TECHNICAL SPECIFICATION - .</u> <u>GENERAL SPECIFICATION - .</u>	
15	DNF59278	LEOCH FT12-100	662578514987	ZTE INTERNAT(IP	2 / EACH/NUMBER	LEOCH FT12-100			CH	M/S ZTE PAKISTA	<u>TECHNICAL SPECIFICATION - -</u>	

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		/050523500092	8 / 12 V 100 AH BATTERY LEOCH FT12-100	MOLS)	UMBER				N (PVT) LTD PLOT NO. 36 ST. NO5 SECTOR NO. I-9/3 ISLAMAB AD.		<u>GENERAL SPECIFICATION - -</u>	
16	DNZ55896	D102008.50 / D66376.50	4310014164572 / PISTON ASSEMBLY	MAIN AIR COMPRESSOR	1 / EACH/NUMBER	NO DATA AVAILABLE		UK	COMPAIR UK LTD		<u>TECHNICAL SPECIFICATION - -</u> <u>GENERAL SPECIFICATION - -</u>	
17	DNS60812	4993120	5998016306996 / electronic components assy/Electronic Control Module	Electronic Control Module	1 / EACH/NUMBER	28410537001	0	500 JACKSON ST COLUMBUS	CUMMINS INC.		<u>TECHNICAL SPECIFICATION -</u> <u>GENERAL SPECIFICATION -</u>	
18	DNF23509	SRVPM3KIL/SMT3000	6130705137264 / UPS 3,KVA	UPS	1 / EACH/NUMBER	APC SRVPM3KIL		PK	PAKISTAN		<u>TECHNICAL SPECIFICATION -</u> BACK UP TIME: 20 MINUTES <u>GENERAL SPECIFICATION -</u> BACK UP TIME: 20 MINUTES	
19	DNF56229	P-0143000-A/YT-100B	5660785172597 / COMPOSITE MATERIALS E-FENCE RODS SS POLE HEIGHT 40"(.9) WITH ACCESSORIES	PSS	20 / EACH/NUMBER	YT-100B E-Fence Controller		M/s CETC International Co., Ltd. CETC Mansion, No.5 Wulutong North Street, Xicheng District, Beijing, China 100120.	M/s CETC International Co., Ltd.		<u>TECHNICAL SPECIFICATION -</u> Material: Square tube Materials E-Type: Angled Fence Rods Dimension: 20 x 20 x 1.6mm Finish: Black Powder Coated and Hot Dip Galvanised with following accessories: (1) Shield Insulator - Black (2) Jurassic Screw (3) Warning Sign (4) Ferrules - 6mm Aluminum (100 Pack) (5) Spring (6) Tensioner (7) Spring Hook (8) Fence Light (9) Rawal Bolts (10) Pole Cap (11) NUT BOLTS (12) SS SUPPORT (13) SIREN 20 WATTS <u>GENERAL SPECIFICATION -</u> Material: Square tube Materials E-Type: Angled Fence Rods Dimension: 20 x 20 x 1.6 mm Finish: Black Powder Coated and Hot Dip Galvanised with following accessories: (1) Shield Insulator - Black (2) Jurassic Screw (3) Warning Sign (4) Ferrules - 6mm Aluminum (100 Pack) (5) Spring (6)	

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											Tensioner (7) Spring Hook (8) Fence Light (9) Rawal Bolts (10) Pole Cap (11) NUT BOLTS (12) SS SUPPORT (13) SIREN 20 WATTS	
20	DNF59352	P-0143000-A /YT-100B	5660785172597 / COMPOSITE MATERIALS E-FENCE RODS SS POLE HEIGHT 40"( .9 ) WITH ACCESSORIES	PSS	340 / EACH/NUMBER	YT-100B E-Fence Controller		M/s CETC International Co., Ltd. CETC Mansion, No.5 Wulutong North Street, Xicheng District, Beijing, China 100120.		M/s CETC International Co., Ltd.	TECHNICAL SPECIFICATION - Material: Square tube Materials E-Type: Angled Fence Rods Dimension: 20 x 20 x 1.6mm Finish: Black Powder Coated and Hot Dip Galvanised with following accessories: (1) Shield Insulator - Black (2) Jurassic Screw (3) Warning Sign (4) Ferrules - 6mm Aluminum (100 Pack) (5) Spring (6) Tensioner (7) Spring Hook (8) Fence Light (9) Rawal Bolts (10) Pole Cap (11) NUT BOLTS (12) SS SUPPORT (13) SIREN 20 WATTS GENERAL SPECIFICATION - Material: Square tube Materials E-Type: Angled Fence Rods Dimension: 20 x 20 x 1.6mm Finish: Black Powder Coated and Hot Dip Galvanised with following accessories: (1) Shield Insulator - Black (2) Jurassic Screw (3) Warning Sign (4) Ferrules - 6mm Aluminum (100 Pack) (5) Spring (6) Tensioner (7) Spring Hook (8) Fence Light (9) Rawal Bolts (10) Pole Cap (11) NUT BOLTS (12) SS SUPPORT (13) SIREN 20 WATTS	
21	DNF56908	P-0143000-A /YT-100B	5660785172597 / COMPOSITE MATERIALS E-FENCE RODS SS POLE HEIGHT 40"( .9 ) WITH ACCESSORIES	PSS	170 / EACH/NUMBER	YT-100B E-Fence Controller		M/s CETC International Co., Ltd. CETC Mansion, No.5 Wulutong North Street, Xicheng District, Beijing, China 100120.		M/s CETC International Co., Ltd.	TECHNICAL SPECIFICATION - Material: Square tube Materials E-Type: Angled Fence Rods Dimension: 20 x 20 x 1.6mm Finish: Black Powder Coated and Hot Dip Galvanised with following accessories: (1) Shield Insulator - Black (2) Jurassic Screw (3) Warning Sign (4) Ferrules - 6mm Aluminum (100 Pack) (5) Spring (6) Tensioner (7) Spring Hook (8) Fence Light (9) Rawal Bolts (10) Pole Cap (11) NUT BOLTS (12) SS SUPPORT (13) SIREN 20 WATTS GENERAL	

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											<p><u>SPECIFICATION</u> - Material: Square tube Materials E- Type: Angled Fence Rods Dimension: 20 x 20 x 1.6 mm Finish: Black Powder Coated and Hot Dip Galvanised with following accessories: (1) Shield Insulator - Black (2) Jurassic Screw (3) Warning Sign (4) Ferrules - 6mm Aluminum (100 Pack) (5) Spring (6) Tensioner (7) Spring Hook (8) Fence Light (9) Rawal Bolts (10) Pole Cap (11) NUT BOLTS (12) SS SUPPORT (13) SIREN 20 WATTS</p>	
22	DNJ58839	32700	4320765168743 / WASH DOWN PUMP	SFB (ENGINE)	1 / EACH/NUMBER	F350A	102563X35	JABSCO USA PH: 1 978 281 0440//YAMAHA CORPORATION USA/JAPAN		YAMAHA	<p><u>TECHNICAL SPECIFICATION</u> - YAMAHA CORPORATION USA/JAPAN a. Equipment pressure Shut off valve pressure 3.5 Bar b. Electrical Supply 24V DC c. Inlet Outlet ports piping dimensions for 13mm (1/2") bore hose 250mm long, 2500mm, 105mm wide, 100mm height</p> <p><u>GENERAL SPECIFICATION</u> - YAMAHA CORPORATION USA/JAPAN a. Equipment pressure Shut off valve pressure 3.5 Bar b. Electrical Supply 24V DC c. Inlet Outlet ports piping dimensions for 13mm (1/2") bore hose 250mm long, 2500mm, 105mm wide, 100mm height</p>	
23	DNO58234	GCP-677PC16	4320010452642 / SEAL ASSEMBLY, SHAFT, SPRING LOAD	SEA WATER CIRCULATING PUMP	1 / EACH/NUMBER			M.T. DAVIDSON COMPANY 302 GRAND AVE SUPERIOR UNITED STATES CAGE CODE 16062 PHONE NO 715-394-4444 FAX NO 715-394-6199		M.T. DAVIDSON COMPANY 302 GRAND AVE SUPERIOR	<p><u>TECHNICAL SPECIFICATION</u> - 1.250 INCH DIA SHAFT Part no GCP-689-16, john crane mechanical seal type 21 for 1-1/4shaft dia M.T. DAVIDSON COMPANY 302 GRAND AVE SUPERIOR UNITED STATES CAGE CODE 16062 PHONE NO 715-394-4444 FAX NO 715-394-6199</p> <p><u>GENERAL SPECIFICATION</u> - 1.250 INCH DIA SHAFT Part no GCP-689-16, john crane mechanical seal type 21 for 1-1/4shaft dia M.T. DAVIDSON COMPANY 302 GRAND AVE SUPERIOR UNITED STATES CAGE CODE 16062 PHONE NO</p>	

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											715-394-4444 FAX NO 715-394-6199	
24	DNF55339	MD3003B1 / BS-HH-D7	6665705208217 / HAND HELD METAL DETECTOR	METAL DETECTOR DESTO PAK	2 / EACH/NUMBER	MD3003B1/BS-HH-D7	NA	DESTO (HQ)CHAKLALAcant, Rawalpindi-46200, Pakistan	DESTO		<p><u>TECHNICAL SPECIFICATION - a.</u>  Operating Frequency :25/27/93 KHz  b.Length c.Weight d.Tuning e.Battery  f.Maximum Detection Depth at 70 KHZ Paper Pin: 2-3 cm Razor Blade/Knife: 9-15 cm Pistol: 15-18 cm g. Normal Operation duration: 12 hrs</p> <p><u>GENERAL SPECIFICATION - a.</u>  Operating Frequency :25/27/93 KHz  b.Length c.Weight d.Tuning e.Battery  f.Maximum Detection Depth at 70 KHZ Paper Pin: 2-3 cm Razor Blade/Knife: 9-15 cm Pistol: 15-18 cm g. Normal Operation duration: 12 hrs</p>	
25	SNF51842	CC-22	6350705148004 / BELL ELECTRICAL 220 VAC 1 PHASE .25A	12.7 MM GUN ALARM SYS.	5 / EACH/NUMBER			DIGI-TECH NO2,NEW MEMON CHAMBERS ALTAF HUSSAIN ROAD KARACHI, TEL: 2639514,2638482	DIGI-TECH		<p><u>TECHNICAL SPECIFICATION - DIGI-TECH NO2,NEW MEMON CHAMBERS ALTAF HUSSAIN ROAD KARACHI, TEL: 2639514,2638482</u></p> <p><u>GENERAL SPECIFICATION - DIGI-TECH NO2, NEW MEMON CHAMBERS ALTAF HUSSAIN ROAD KARACHI, TEL: 2639514,2638482</u></p>	
26	DNF55564	BRAPDU-C001	7125735223890 / RACK, PDU, Cables	C Band DVBS	1 / EACH/NUMBER	BayLan		M/S NSSL Technopolis building ROLFSBUKTVEIEN 4B, 1364 FORNEBU OSOLO NORWAY	M/S NSSL		<p><u>TECHNICAL SPECIFICATION - ı</u>  PDU19" RM 1U 7 Way Multi Extension socket type Power Distribution Unit (PDU). ı Single phase 220-240AV 50-60 Hz. ı Maximum load 16 Amp/7840 Watts.</p> <p><u>GENERAL SPECIFICATION - ı</u>  PDU19" RM 1U 7 Way Multi Extension socket type Power Distribution Unit (PDU). ı Single phase 220-240AV 50-60 Hz. ı Maximum load 16 Amp/7840 Watts.</p>	
27	SNV54318	AX65-30-00-84	6110745232531 / MAGNETIC CONTACTOR	CWP POWER CIRCUIT	2 / EACH/NUMBER	AX65-30110V		ABB FRANCE <a href="http://www.abb.com">http://www.abb.com</a>	ABB FRANCE		<p><u>TECHNICAL SPECIFICATION - 380VAC 3 PHASE 115-125 AMP 110V COIL VOLTAGE NO AUXILIARY CONTACT</u></p> <p><u>GENERAL SPECIFICATION - 380VAC 3 PHASE 115-125 AMP 110V COIL VOLTAGE NO AUXILIARY</u></p>	

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											CONTACT	
28	DNF50656	BLR-MC12	5945725231355 / POWER FACTOR CONTROLLER RELAY	PFIPs 504 KVAR	3 / EACH/NUMBER	MLR-MC-12	321134	BELUK INTERNATIONAL INGOLSTADTER STRASSE 62. TELE: 089-3169330 TELE FAX: 089-3110046		MERLIN GERIN	TECHNICAL SPECIFICATION - 450V 60Hz 9VA HEM MODEL BLR-MC-12 MAKE MERLIN GERIN MADE IN GERMANY GENERAL SPECIFICATION - 450V 60Hz 9VA HEM MODEL BLR-MC-12 MAKE MERLIN GERIN MADE IN GERMANY	
29	DNF55958	DYAI-10694-001-0-24V	6530705150495 / DYNAI CONTROLLER	DIESEL GENERATOR	2 / EACH/NUMBER	BARBER COLMAN COMPANY USA.		135 CLIFFORD AVENUE PO.BOX.2940 LOVES PARK 1C 61132-2940. USA.		USA	TECHNICAL SPECIFICATION - 135 CLIFFORD AVENUE PO.BOX.2940 LOVES PARK 1C 61132-2940.USA IN PUT 24V . GENERAL SPECIFICATION - 135 CLIFFORD AVENUE PO.BOX.2940 LOVES PARK 1C 61132-2940.USA IN PUT 24V .	
30	DNF58054	SWTG DS-6.3	6350705220323 / SMART WALK THROUGH GATE	SWTG	2 / EACH/NUMBER	DS-6.3		DEFENCE SCIENCE AND TECHNOLOGY ORGANIZATION CHAKLALA CANTT RAWALPINDI		DESTO	TECHNICAL SPECIFICATION - DIMENSIONS HEIGHT 2210MM WIDTH 810MM DEPTH 605MM OPERATING VOLTAGE AC 200-230V/DC 12V POWER CONSUPTION 35 WATT WORK ENVIRONMENT -5c-50c NO OF ZONES 06 DISPLAY TYPE LCD RECHARGEABLE BATTERY 12 MONTHS LIFE GENERAL SPECIFICATION - DIMENSIONS HEIGHT 2210MM WIDTH 810MM DEPTH 605MM OPERATING VOLTAGE AC 200-230V/DC 12V POWER CONSUPTION 35 WATT WORK ENVIRONMENT -5c-50c NO OF ZONES 06 DISPLAY TYPE LCD RECHARGEABLE BATTERY 12 MONTHS LIFE	
31	DNS48161	131 019	5330735185407 / BEARING BUSH	WARTSILA MAIN ENGINE 9L20C3 FINLAND	4 / EACH/NUMBER	9L20C3	MADPAAE084245, PAAE084242 RASDPA AE084243, PAAE084244	Wartsila Finland Oy Vaasa Factory Tarhaajantia 2, FIN-65101 Vaasa, Finland Tel. +358 10 708 0000, Tix 74251 wa sf Fax (Service) ,358 6 356 7355		Wartsila Finland Oy	TECHNICAL SPECIFICATION - TPI GENERAL SPECIFICATION - TPI	



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								Fax (Spare parts) +358 10 709 1380				
32	DNN50952	YBH-20	4320FP3000007 / YBH-20 Portable submersible electric pump	YBH-20 PORTABLE SUBMERSIBLE ELECTRIC PUMP (F-22P SHIPS)	1 / SET	YBH-20	N/A		JIANGSU ZHENHUA PUMP MANUFACTURE CO.,LTD		<u>TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -</u>	
33	DNS56676	191 051	3100735186042 / BALL BEARING	WARTSILA MAIN ENGINE 9L20C3 FINLAND	2 / EACH/NUMBER	9L20C3	MADPAA E084245, PAAE084242 RASDPA AE084243, PAAE084244	Wartsila Finland Oy Vaasa Factory Tarhaajantia 2, FIN-65101 Vaasa, Finland Tel. +358 10 708 0000, Tix 74251 wa sf Fax (Service) ,358 6 356 7355 Fax (Spare parts) +358 10 709 1380	Wartsila Finland Oy		<u>TECHNICAL SPECIFICATION - TPI</u> <u>GENERAL SPECIFICATION - TPI</u>	
34	SNF51969	DVP04ADS	7025705179777 / PLC EXTENSION (ANALOG TO DIGITAL)	PORTAL CRANE FD-IV	2 / EACH/NUMBER	DVP-SV2	NIL	DELTA ELECTRONICS INS. TAOUYUAN TECHNOLOGY CENTRE NO.18 XINGLONG RD. TAOUYUAN CITY TAOUYUAN COUNTY 33068, TAIWAN TELE:886-3-362-6301, FAX:886-3-371-6301	DELTA ELECTRONIS INC.		<u>TECHNICAL SPECIFICATION - INPUT VOLTAGE: 10 VAC TO +10 VAC, CURRNET : -20MA TO +20 MA, INPUT RESOLUTION : 14-BIT BUILT-IN RS-485 INTERFACE</u> <u>GENERAL SPECIFICATION - INPUT VOLTAGE: 10 VAC TO +10 VAC, CURRNET : -20MA TO +20 MA, INPUT RESOLUTION : 14-BIT BUILT-IN RS-485 INTERFACE</u>	
35	DNS47939	113 002	2920735185965 / PIN-PISTON	WARTSILA MAIN ENGINE 9L20C3 FINLAND	6 / EACH/NUMBER	9L20C3	MADPAA E084245, PAAE084242 RASDPA AE084243, PAAE084244	Wartsila Finland Oy Vaasa Factory Tarhaajantia 2, FIN-65101 Vaasa, Finland Tel. +358 10 708 0000, Tix 74251 wa sf Fax (Service) ,358 6 356 7355 Fax (Spare parts) +358 10 709 1380	Wartsila Finland Oy		<u>TECHNICAL SPECIFICATION - TPI</u> <u>GENERAL SPECIFICATION - TPI</u>	
36	DNF56424	84873025 / MWUA	4920785208811 / POWER PROTECTOR	Jiangsu Josun Main AC System China	1 / EACH/NUMBER	CJK-58, 31KW	JKY-50600	Jiangsu Josun Air Conditioner Co., Ltd 18-28, Tongjiang Rd, Taixing City, Jiangsu Tel:0523-7598753 Fax:0523-7599928 http:	Jiangsu Josun Air Conditioner Co., Ltd, China		<u>TECHNICAL SPECIFICATION - AS PER CATALOGUE</u> <u>GENERAL SPECIFICATION - AS PER CATALOGUE</u>	

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								www.zhaoshenggroup.com Email: Josun@zhaoshenggroup.com				
37	SNJ45658	12892-93J00-243	536576522237 1 / SHIM, TAPPET (T: 2425)	SUZUKI DF300AP 300 HP OBM	16 / EACH/N UMBER	DF300AP	30002P- 712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN		<u>TECHNICAL SPECIFICATION -</u> OEM: SUZUKI MOTOR JAPAN <u>GENERAL SPECIFICATION</u> - OEM: SUZUKI MOTOR JAPAN	
38	SNJ45660	12892-93J00-250	536576522237 4 / SHIM, TAPPET (T: 2500)	SUZUKI DF300AP 300 HP OBM	16 / EACH/N UMBER	DF300AP	30002P- 712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN		<u>TECHNICAL SPECIFICATION -</u> OEM: SUZUKI MOTOR JAPAN <u>GENERAL SPECIFICATION</u> - OEM: SUZUKI MOTOR JAPAN	
39	SNJ54847	17400-98J01	518076522254 8 / WATER PUMP REPAIR KIT	SUZUKI DF300AP 300 HP OBM	26 / EACH/N UMBER	DF300AP	30002P- 712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN		<u>TECHNICAL SPECIFICATION -</u> NIL <u>GENERAL SPECIFICATION -</u> NIL	
40	DNJ58834	15413-93J10	289576522163 4 / CASE ASSY, FUEL FILTER	SUZUKI DF300AP 300 HP OBM	2 / EACH/N UMBER	DF300AP	30002P- 712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN		<u>TECHNICAL SPECIFICATION -</u> NIL <u>GENERAL SPECIFICATION -</u> NIL	
41	SNJ45511	09103-06281	530676522153 5 / BOLT (6X14)	SUZUKI DF300AP 300 HP OBM	24 / EACH/N UMBER	DF300AP	30002P- 712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN		<u>TECHNICAL SPECIFICATION -</u> NIL <u>GENERAL SPECIFICATION -</u> NIL	
42	DNJ58842	15411-93J10	534076522162 8 / CAP, FUEL FILTER	SUZUKI DF300AP 300 HP OBM	1 / EACH/N UMBER	DF300AP	30002P- 712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN		<u>TECHNICAL SPECIFICATION -</u> NIL <u>GENERAL SPECIFICATION -</u> NIL	
43	SNJ48941	15642-90J00	294076522180 3 / FILTER, FUEL PUMP	SUZUKI DF300AP 300 HP OBM	23 / EACH/N UMBER	DF300AP	30002P- 712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN		<u>TECHNICAL SPECIFICATION -</u> NIL <u>GENERAL SPECIFICATION -</u> NIL	
44	DNF54703	002-889-570/65P6020	596276520964 2 / KCP BOARD	Furuno Speed Log Doppler DS-80 Japan	2 / EACH/N UMBER	DS-80	-	FURUNO EELECTRIC CO. LTD 9-52 ASHIHARA-CHO, NISHINOMIYA, 662-8580, JAPAN Tele No. +81 798 65-2111 Fax: +81 798 65-4200	FURUNO EELECTR IC CO. LTD		<u>TECHNICAL SPECIFICATION -</u> <u>GENERAL SPECIFICATION -</u>	
45	SNF51975	NR-AL01070759	592575514189 9 / CIRCUIT BREAKER 250 AMPS 3PHASE 50-60HZ	160 KVA PERKIN DG	4 / EACH/N UMBER	nfc250- smx/smx mitsubishi electric		IT	OEM ADDRES S: PERKINS ENGINES CO LTD EASTFIE LD, PETERB		<u>TECHNICAL SPECIFICATION -</u> Voltage: 450 AC Ampere : 250 Frequency: 50-60 HZ Height 27.8 cm (270 mm) Length: 22.8 cm (228 mm) Depth: 11.2 cm (112 mm) <u>GENERAL SPECIFICATION -</u> Voltage: 450 AC Ampere : 250 Frequency: 50-60 HZ Height 27.8 cm (270 mm) Length: 22.8 cm (228 mm) Depth: 11.2 cm	

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
									OROUGH PE 15NA, ENGALA ND TEL: 0044(0) 1733 58 3000 FAX: #0044 (0) 1733 582240 UK.		(112 mm)	
46	SNF5186 2	0702-004- 00	599979513379 7 / AUTO AND MANUAL START CONTROL MODULE (DSE 702)	SSDG CATTERPILLA R	5 / EACH/N UMBER	NO DATA AVAILAB LE		UK	DEEP SEA ELECTR ONICS PLC HIGH FIELD HOUSE HUNMAN BY INDUSTR IAL ESTATE NORTH YORKSHI RE Y0114PH UK		<u>TECHNICAL SPECIFICATION -</u> oem, deep sea electronics ()dse uk. local source. m/s pyramid automation 8-a/2 gulberg iii near hussain chowk lahore. tel: 92 42 35760910-2 fax 92 42 35754944 e-mail: sales@PYRAMID AUTOMATION. com <u>GENERAL SPECIFICATION -</u> oem, deep sea electronics ()dse uk. local source. m/s pyramid automation 8-a/2 gulberg iii near hussain chowk lahore. tel: 92 42 35760910-2 fax 92 42 35754944 e-mail: sales@PYRAMID AUTOMATION. com	
47	SNF5178 3	039027	414001484792 7 / FAN ASSEMBLY 120MM 220VAC	ELINT DZ 9000S	6 / EACH/N UMBER	NO DATA AVAILAB LE		CH	SOUTHW EST CHINA RESEAR CH INSTITUT E OF ELECTR ONIC EQUIPME NT		<u>TECHNICAL SPECIFICATION -</u> OEM ADD:SOUTHWEST CHINA RESEARCH INSTITUTE OF ELECTRONIC EQUIPMENT <u>GENERAL</u> <u>SPECIFICATION - OEM ADD:</u> SOUTHWEST CHINA RESEARCH INSTITUTE OF ELECTRONIC EQUIPMENT	
48	DNF5812 3	BP 4165 (PANELS)	611750514525 2 / SOLAR PANELS (SILICON NITRIDE	SOLAR PANEL SYSTEM	6 / EACH/N UMBER	NO DATA AVAILAB LE		CH	M/S SUNRISE SOLAR TECH CO LTD		<u>TECHNICAL SPECIFICATION -</u> SOURCE OF AVAILABILTY : M/S AKHTAR COMPUTERS PAKISTAN BULAND MARKAZ 23 BLUE AREA ISLAMABAD. TEL: 051-2829803-6	

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
			MONO CRYSTAL SILICON CELLS 165W 24V/ 300 W 24 V WITH STAND						ZONE CHANGZ HOU 213023 JIANGSU CHINA TEL: 0086-519-83906509 FAX : 0086-519-83906508		FAX: 051-2276858 GENERAL SPECIFICATION - SOURCE OF AVAILABILTY : M/S AKHTAR COMPUTERS PAKISTAN BULAND MARKAZ 23 BLUE AREA ISLAMABAD. TEL: 051-2829803-6 FAX: 051-2276858	
49	DNJ58849	6CE-81410-00	6615765203923 / STATOR ASSY	YAMAHA OBM	1 / EACH/NUMBER	NO DATA AVAILAB LE	6CE-1029885, 6CF-1009814	YAMAHA MOTOR CO. LTD JAPAN	JAPAN		TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -	
50	DNZ51082	FCS035C / CV - 165	5975705227475 / CABLE TIES 144mm 1PC	37MM UPGRADED GUN	800 / EACH/NUMBER	N/A		KRL / PAK	KRL / PAK		TECHNICAL SPECIFICATION - Cable Ties Nylon 144mm GENERAL SPECIFICATION - Cable Ties Nylon 144mm	
51	SNF54682	LOCAL	0552795417831 / CLOCK-ELECTRONIC-9IN-DIAL	SELF	15 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
52	DNF55012	35SWG-5A	0561790019346 / WIRE FUSE 5AMPS 35SWG	ELECTRIC USE	3 / KILOGRAMME						TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
53	SNF51976	4972	0584799959215 / LAMP FILAMENT SIDE CLIPS AND YELLOW24V 2.4W 6.5X44. 5MM T SHP		20 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
54	DNF57277	DEF107A , B22996 , 62-2PT2	0583799105033 / TORCH HAND ELECT WATERPROOF R/A HEAD SPARE LAMP SZ 187X43MM		7 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
55	DNF5802	0562-	056279428310	GENERAL	1 /						TECHNICAL SPECIFICATION - NO	

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
	6	402044	1 / BATTERY SECONDARY ACID TYPE 12V 64AH 14.875X6. 812X9.750IN	USE	EACH/N UMBER						DATA AVAILABLEGENERAL SPECIFICATION - NO DATA AVAILABLE	
56	DNF59277	N150/ N140,125, EXIDE	056279900465 3 / BATTERY 12V 115-125 AH SEC ACID TYPE	GENERAL USE	1 / EACH/N UMBER	N140, N125 EXIDE					TECHNICAL SPECIFICATION - oem exide karachi pakistanGENERAL SPECIFICATION - oem exide karachi pakistan	
57	DNJ60347	Z565003700	299078502715 7 / GASKET COPPER I/D 27MM O/D 35MM THICKNESS 1MM L0063	DAIHATSU DIESEL GENERATOR 6PSH-TD-26 NSR	6 / EACH/N UMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLEGENERAL SPECIFICATION - NO DATA AVAILABLE	
58	DNJ60352	Z665024000B	299078502716 4 / GASKET ALLUMINUM I/D 24MM O/D 32MM THICKNESS 2MM L0069	DAIHATSU DIESEL GENERATOR 6PSH-TD-26 NSR	6 / EACH/N UMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLEGENERAL SPECIFICATION - NO DATA AVAILABLE	
59	SNG56874	25010495	294001197710 6 / FILTER, ELEMENT, FLUID.	GM DETROIT D/E FOR GRP BOATS	44 / EACH/N UMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLEGENERAL SPECIFICATION - NO DATA AVAILABLE	
60	DNZ52125	MXS-60115-SEW/520	432076506050 7 / MECHANICAL SEAL Inner DIA 60mm, length 115mm	CARGO FRESH WATER PUMP	2 / EACH/N UMBER						TECHNICAL SPECIFICATION - a. DIMENSION INNER DIA Bore 60 mm b. Length 115 mm c. M/seal outer dia 80 mm d. Stationary dia 82 mm GENERAL SPECIFICATION - a. DIMENSION INNER DIA Bore 60 mm b. Length 115 mm c. M/seal outer dia 80 mm d. Stationary dia 82 mm	
61	DNZ47172	MXS-60115-SEW/520	432076506050 7 / MECHANICAL SEAL Inner DIA 60mm, length 115mm	CARGO FRESH WATER PUMP	6 / EACH/N UMBER						TECHNICAL SPECIFICATION - a. DIMENSION INNER DIA Bore 60 mm b. Length 115 mm c. M/seal outer dia 80 mm d. Stationary dia 82 mm GENERAL SPECIFICATION - a. DIMENSION INNER DIA Bore 60	

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
											mm b. Length 115 mm c. M/seal outer dia 80 mm d. Stationary dia 82 mm	
62	DNZ51758	109220A	4130785052058 / CONNECTING ROD 70X18X124.5MM	CARGO REFRIGERATION COMPRESSOR 4C552A-F.	12 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
63	DNA58120	R4SP-40	4720735089160 / FLEXIBLE HOSE PIPE I/D 38.1 MM O/D 57.1 MM 4500 PSI	MACHINERY ON TYPE-21 & MCMVS	4.5 / FOOT						TECHNICAL SPECIFICATION - DIAMETER INNER 40 MM DIAMETER OUTER 49 MM THICKNESS 01 MM RADIUS 34 ROLL LENGTH 30 MTR GENERAL SPECIFICATION - DIAMETER INNER 40 MM DIAMETER OUTER 49 MM THICKNESS 01 MM RADIUS 34 ROLL LENGTH 30 MTR	
64	DNG58121	803-1385714-8/0245 2IN	4820004830677 / VALVE-GATE UNTHREADED PIPE 2	FOR USE WITH WATER, OIL&GAS	7 / EACH/NUMBER						TECHNICAL SPECIFICATION - VALUE 02 INCHES SOCKET, WELD PIPE THREAD SERIES UNS CLASS 3A STEAM NONRISING GENERAL SPECIFICATION - VALUE 02 INCHES SOCKET, WELD PIPE THREAD SERIES UNS CLASS 3A STEAM NONRISING	
65	DNJ60349	Z501328000	5330785027276 / JIS GASKET (3) 280 FOR TURBO CHARGER DIA 385 MM L0054	DAIHATSU DIESEL GENERATOR 6PSH-TD-26 NSR	6 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
66	DNJ60357	Z461355511TC	5330785032646 / SEAL OIL TC 355511 RUBBER SYTH SPRINGY OD 55 1D 34MM WD 11MM	6SDB-18A DAIHATSU DIESEL GENERATOR	24 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
67	SNF54660		5930705010453 / SWITCH CHANGE	GENERAL ELECTRIC USE	2 / 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	Availabili ty	Tender Remarks	TECH / GEN SPECS	Dimension
			OVER 500V 300AMP 3PH SZ 21X23- 1/2X9-1/2 INCH								AVAILABLE	
68	DNF5240 1	6 242 01	613099742767 0 / CHARGER PANEL LIGHT, TYPE 10- MODIFIED 110/130V AND 200/250V 50/60HZ	PANNEL LIGHT	2 / EACH/N UMBER						<u>TECHNICAL SPECIFICATION</u> - country of origin uk <u>GENERAL</u> <u>SPECIFICATION</u> - country of origin uk	
69	DNF5015 2	LCIR127R 2PG1(SEE F8 FOR L/ADDRES	614576509185 7 / SEALED LEAD ACID BATTERY 7.2 AH/20HR12V SZ5.7"X3.5"X2. 3"L.H.W	UPS APC ASIS SYSTEM	2 / EACH/N UMBER						<u>TECHNICAL SPECIFICATION</u> - dDESCRIPTION: a. Sealed lead Acid Dry battery 12 Volt 7.0 AH b. Sealed lead Acid Dry battery 12 Volt 7.0 AH c. Sealed lead Acid Dry battery 12 Volt 7.2 AH mAKE/MODEL: A. Ebaam 12HD7.0 b. Leoch DJW 12- 7.0 c. VOLTA NP-7-12 oem: a. eBAAM USA B. LEOCH CHINA C. VOLTA PAKISTAN <u>GENERAL</u> <u>SPECIFICATION</u> - dDESCRIPTION: a. Sealed lead Acid Dry battery 12 Volt 7.0 AH b. Sealed lead Acid Dry battery 12 Volt 7.0 AH c. Sealed lead Acid Dry battery 12 Volt 7.2 AH mAKE/MODEL: A. Ebaam 12HD7.0 b. Leoch DJW 12-7.0 c. VOLTA NP- 7-12 oem: a. eBAAM USA B. LEOCH CHINA C. VOLTA PAKISTAN	
70	DNF4807 4	040349-00	623099942788 5 / TORCH COMPLETE WITH BULB	FIRE & REPAIR PARTY LOCKERS.	2 / EACH/N UMBER						<u>TECHNICAL SPECIFICATION</u> - NO DATA AVAILABLE <u>GENERAL</u> <u>SPECIFICATION</u> - NO DATA AVAILABLE	
71	SNF5830 3	040349-00	623099942788 5 / TORCH COMPLETE WITH BULB	FIRE & REPAIR PARTY LOCKERS.	6 / EACH/N UMBER						<u>TECHNICAL SPECIFICATION</u> - NO DATA AVAILABLE <u>GENERAL</u> <u>SPECIFICATION</u> - NO DATA AVAILABLE	
72	DNF5859 9	SOGO / PHILIPS	623076505940 0 / LIGHT EMERGENCY WITH TWO HEAD RECHARGEAB		1 / EACH/N UMBER						<u>TECHNICAL SPECIFICATION</u> - NO DATA AVAILABLE <u>GENERAL</u> <u>SPECIFICATION</u> - 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
			LE I/P110/220V-O/P6V									
73	DNF55096	zyc23-2ef/DC-107	6210785031051 / FLOURSCENT LIGHT ASSAMBLY 220V 2X20W DOUBLE TUBE CQ-002	SOCKETS AND JUNCTION BOX NASR	32 / EACH/NUMBER						TECHNICAL SPECIFICATION - OEM: CHINA FLOURSCENT LIGHT ASSEMBLY 220V 2X20W (LENGTH 2 FEET) DOUBLE TUBE GENERAL SPECIFICATION - OEM: CHINA FLOURSCENT LIGHT ASSEMBLY 220V 2X20W (LENGTH 2 FEET) DOUBLE TUBE	
74	SNF57093	PHILIPS/NATIONAL AS PER DESCRIPTION	6240705038479 / TUBE LIGHT 220V 18W LENGTH 18 INCH	PNT JANBAZ GENERAL USE	40 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
75	DNC55174		7920991227825 / CLOTH CLEANING	30MM GUN	900 / EACH/NUMBER						TECHNICAL SPECIFICATION - size 1x1 feet GENERAL SPECIFICATION - size 1x1 feet	
76	DNF51888	2175	5805765118832 / TELEPHONE SET PANASONIC 2175 JAPAN	TELEPHONE SET	4 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
77	SNF51744	2175	5805765118832 / TELEPHONE SET PANASONIC 2175 JAPAN	TELEPHONE SET	6 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
78	DNF48082	525502	6650121579560 / BINOCULAR 7X50B/7X50c	BINOCULAR 7X50B OEM: ZEISS,CARL POB 1380	9 / EACH/NUMBER	7x50b/7X50c					TECHNICAL SPECIFICATION - BINOCULAR 7X50B OEM: STEINER POTIK GMBH germany GENERAL SPECIFICATION - BINOCULAR 7X50B OEM: STEINER POTIK GMBH germany	
79	DNF56011	DMM-FLUKE 87-V / 87-III	6625715110413 / DIGITAL MULTIMETER FLUKE 87-V / 87-III	TEST EQUIPMENT.	1 / EACH/NUMBER	DMM-FLUKE 87-V / 87-III					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
80	DNF53774	ATLAS	6625715110586 / NETWORK ANALYSER	CABLE TEST, M/S MAKKAYS 40T/3 BLK6	1 / EACH/NUMBER						TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA	



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
			MODEL ATLAS CABLE TESTER IT PEAK	PECHS							AVAILABLE	
81	DNF59377	KFAE-55C	610570504423 6 / BLOWER EXHAUST 1.5 KW 380-420V 5AMP RPM 2950 50HZ 3PHASE	EXHAUST BLOWER STEERING COMPART	6 / EACH/NUMBER						<u>TECHNICAL SPECIFICATION - 1.5 KW 380-420V 5AMP RPM 2950 50HZ 3 PHASE</u> <u>GENERAL SPECIFICATION - 1.5KW 380-420V 5AMP RPM 2950 50HZ 3 PHASE</u>	
82	DNF59081	SMT30001 C/SURTD3000XLI/3000VA APC	613071506382 3 / UPS 3KVA APCI/P220V O/P220V W/BATTERY BACKUP 25 MINUTES.	SELF	1 / EACH/NUMBER	MODEL ESP-808 (E) /SYSTEK PVT.					<u>TECHNICAL SPECIFICATION - APC SMART-UPS, 2700 WATTS/3000 VA, INPUT 230V, OUTPUT 230 V, INTERFCE PORT DB-9 RS-232, USB, SMARTSLOT LINE INTERACTIVE PURE SINE WAVE WITH POWER CHUTE SOFTWARE PART NO. SUA300041 INCLUDES.CD WITH SOFTWARE, SMART UPS SIGNALLING RS-232 CABLE, USB CABLE, USER MANUAL</u> <u>GENERAL SPECIFICATION - APC SMART-UPS, 2700 WATTS/3000 VA, INPUT 230V, OUTPUT 230 V, INTERFCE PORT DB-9 RS-232, USB, SMARTSLOT LINE INTERACTIVE PURE SINE WAVE WITH POWER CHUTE SOFTWARE PART NO. SUA300041 INCLUDES.CD WITH SOFTWARE, SMART UPS SIGNALLING RS-232 CABLE, USB CABLE, USER MANUAL</u>	
83	SNF51785	ZENITH 8X30	955276512046 6 / BINOCULAR 8X30 COLOUR CAMOUFLAGE SUPER ZENITH	NAVIGATION EQUIP.	10 / EACH/NUMBER	ZENITH 8X30					<u>TECHNICAL SPECIFICATION - ADD:M/S DRAWING SURVEYING STORES</u> <u>GENERAL SPECIFICATION - ADD:M/S DRAWING SURVEYING STORES</u>	
84	DNF47195	AS PER SPECIFICATION	614575512071 8 / pro shielded 2 core micwire electro-voice	PA SYSTEM	300 / METER	3935X50					<u>TECHNICAL SPECIFICATION - A Make: ThatCable UK . Model: 3935X50 B Specifications/Technical data 1 Conductor Material: Pure</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
											<p>Copper 2 Area Conductor CSA: 0.22 mm square 3 External Diameter: 5.15 mm 4 Impedence: 75 ohm 5 Cable Type: 02 core pro shielded 6 Insulation Material: PVC EV 2Core shielded Mic wire 2C x 18 or AWG SMC-710BK, OD 6.55MM (100 Mtr Roll)<u>GENERAL SPECIFICATION - A</u> Make: ThatCable UK . Model: 3935X50 B Specifications/Technical data 1 Conductor Material: Pure Copper 2 Area Conductor CSA: 0.22 mm square 3 External Diameter: 5.15 mm 4 Impedence: 75 ohm 5 Cable Type: 02 core pro shielded 6 Insulation Material: PVC EV 2Core shielded Mic wire 2C x 18 or AWG SMC-710BK, OD 6.55MM (100 Mtr Roll)</p>	
85	DNS47934	100003	2815735151603 / Anti polishing ring	WARTSILA MAIN ENGINE 9L20C3 FINLAND	13 / EACH/NUMBER	NO DATA AVAILABLE					<p><u>TECHNICAL SPECIFICATION - NO DATA AVAILABLE</u><u>GENERAL SPECIFICATION - NO DATA AVAILABLE</u></p>	
86	DNF54939	TS50P SAMSON	7720735120714 / speaker stand samson (for ELX115 speakers)	PA SYSTEM	4 / EACH/NUMBER	TS50P SAMSON					<p><u>TECHNICAL SPECIFICATION - Professional Speaker stand, SAMSON TS50P for microphone, Ultra light weight collapsible tripod. Weight metal base for stability. Non reflecting black finish.</u><u>GENERAL SPECIFICATION - Professional Speaker stand, SAMSON TS50P for microphone, Ultra light weight collapsible tripod. Weight metal base for stability. Non reflecting black finish.</u></p>	
87	DN057060	10467 / AAZN-7895-SEW	5340785267895 / Zinc PLUG Alamarine 288 Jet		10 / EACH/NUMBER	10467					<p><u>TECHNICAL SPECIFICATION - null</u><u>GENERAL SPECIFICATION - null</u></p>	
88	DN053957	ZAUW-314/0-SEW , A21H-6	2090705280705 / Under water zinc anodes 054A Ships (500*100*40 MM)		18 / EACH/NUMBER	500*100*40					<p><u>TECHNICAL SPECIFICATION - MATERIAL COMPOSITION: NICKAL: 0.01 IRON: 0.08 MAGNESIUM: 1.00 SILCON: 0.01 TITANIUM: 0.04 ZINC: 5.10 ALUMINUM: REMAINDER IT IS</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
											ALLOY OF AL-ZN-IN-MG-TI METALS DIMENSIONS 500X100X40 MM <u>GENERAL SPECIFICATION - MATERIAL COMPOSITION:</u> NICKAL: 0.01 IRON: 0.08 MAGNESIUM: 1.00 SILCON: 0.01 TITANIUM: 0.04 ZINC: 5.10 ALUMINUM: REMAINDER IT IS ALLOY OF AL-ZN-IN-MG-TI METALS DIMENSIONS 500X100X40 MM	
89	DN050333	QB/CJ-013A-2-2002 / ZRFWC-SEW	2930FP1080023 / ZINC ANODE FW COOLER		64 / EACH/NUMBER	16PA6V-280STC					<u>TECHNICAL SPECIFICATION - ZINC ANODE FW COOLER</u> <u>GENERAL SPECIFICATION - ZINC ANODE FW COOLER</u>	
90	DN056674	QB/CJ-013A-2-2002 / ZRFWC-SEW	2930FP1080023 / ZINC ANODE FW COOLER		64 / EACH/NUMBER	16PA6V-280STC					<u>TECHNICAL SPECIFICATION - ZINC ANODE FW COOLER</u> <u>GENERAL SPECIFICATION - ZINC ANODE FW COOLER</u>	
91	DN056091	XTSLQ-200-05 / ZBACR-041-SEW	4330FP2410041 / ANTI-CORROSION ZINC BLOCK		16 / EACH/NUMBER	XTSLQ-200-05					<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
92	DNF55799	DMC-820SSC	5895715241104 / MEDIA CONVERTOR D-LINK 10/100/1000base-t Gigabit twisted pair to 1000base-lx fiber 1310 nm singlemode fiber (20km, sc)		1 / EACH/NUMBER	DMC-820SSC					<u>TECHNICAL SPECIFICATION - PORT 10/100/1000BASE-T RJ45 GIGABIT TWISTED PAIR TO 1000BASE-LX FIBER 1310 NM SINGLEMODE FIBER (20KM, SC)</u> <u>GENERAL SPECIFICATION - PORT 10/100/1000BASE-T RJ45 GIGABIT TWISTED PAIR TO 1000BASE-LX FIBER 1310 NM SINGLEMODE FIBER (20KM, SC)</u>	
93	DN056126	GB3009-82M24x2/ AZN-0035-SEW	5355FP0010035 / Anti-corrosion plug screw (Zinc anode hotwell module)		6 / EACH/NUMBER	GB3009-82M24x2					<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
94	DNF55955	YYS-OP60N	6650785240913 / OPTICAL POWER		1 / EACH/NUMBER	YYS-OP60N					<u>TECHNICAL SPECIFICATION - a. Power meter interface: 2.5 mm GPI</u> <u>b. Wavelength range : 700-1700 nm</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
			METER WITH VFL								<p>c. Power detector type: INGaAs d. Calibration WAVELENGTH : 850/1300/1310/1490/1550/1625nm e. Measurement range 60NT: -70 ζ+10dBm 60NC:--50 ζ+26dBm f. Accuracy: + 0.2 dB g. Red light source INTERFACE : 2.5mm GPI h. Output power LIGHT SOURCE of red : 1 ζ30mW j. Flashlight Torch: YES k. Network Cable DETECTION INTERFACE: RJ45 l. Data Interface : USB m. Battery: Built – in lithium battery (rechargeable) n. Storage Temperature: -20 ζ 60C, 90%RH p. Operating TEMPERATURE : -10 ζ50, 90%RH q. Weight: 100g r. Dimension: 104mm*60mm*26mm s. Dynamic Range: 80db + 0.2db fc/sc/st interface supported</p> <p><u>GENERAL SPECIFICATION</u> - a. Power meter interface: 2.5 mm GPI b. Wavelength range : 700-1700 nm c. Power detector type: INGaAs d. Calibration WAVELENGTH : 850/1300/1310/1490/1550/1625nm e. Measurement range 60NT: -70 ζ+10dBm 60NC:--50 ζ+26dBm f. Accuracy: + 0.2 dB g. Red light source INTERFACE : 2.5mm GPI h. Output power LIGHT SOURCE of red : 1 ζ30mW j. Flashlight Torch: YES k. Network Cable DETECTION INTERFACE: RJ45 l. Data Interface : USB m. Battery: Built – in lithium battery (rechargeable) n. Storage Temperature: -20 ζ 60C, 90%RH p. Operating TEMPERATURE : -10 ζ50, 90%RH q. Weight: 100g r. Dimension: 104mm*60mm*26mm s. Dynamic Range: 80db + 0.2db fc/sc/st interface supported</p>	
95	DNF57619	WINXP (SP3 ONWARD S)	5998705277567 / SVAS SECURE 4G		1 / EACH/NUMBER	NA					<p><u>TECHNICAL SPECIFICATION</u> - null</p> <p><u>GENERAL SPECIFICATION</u> - null</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
		/VIST/WIN7/ WIN8 WIN10/MAC/LINUX	DATA WINGLES/jazz (DEVICE)									
96	DNZ57439	NP25/50-150S/1B1031011	4320720005247 / HIGH PUMP SPECK		1 / EACH/NUMBER	HSRO-15B					<u>TECHNICAL SPECIFICATION</u> - Code No: 00.6177 Power CONSUMP: 14,3 KW Pressure MAX: 150 BAR RPM MAX: 1450 MN-1 Output MAX: 48,4 I/MIN Water-T. MAX: 30* C Plunger DIA: 25,0 MM Stroke: 24,0 MM Weight APPRX: 17,5 KG NPSH REQUIRD: 9,3 MWS <u>GENERAL SPECIFICATION</u> - Code No: 00.6177 Power CONSUMP: 14,3 KW Pressure MAX: 150 BAR RPM MAX: 1450 MN-1 Output MAX: 48,4 I/MIN Water-T. MAX: 30* C Plunger DIA: 25,0 MM Stroke: 24,0 MM Weight APPRX: 17,5 KG NPSH REQUIRD: 9,3 MWS	
97	DN053034	10441 / AZN-7894-SEW	5340785267894 / Zinc anode D30		4 / EACH/NUMBER	ZINC ANODE D30					<u>TECHNICAL SPECIFICATION</u> - null <u>GENERAL SPECIFICATION</u> - null	
98	DNF57457	44C2 / M20967-1	6625705289212 / VOLT meter (DC PANEL) 0-100 v model 44c2 size (100x80x12 mm)		5 / EACH/NUMBER	44C2					<u>TECHNICAL SPECIFICATION</u> - dc panel volt meter (60v) model 44c2 for welding ideal arc r3r 500-i & 600-i <u>GENERAL SPECIFICATION</u> - dc panel volt meter (60v) model 44c2 for welding ideal arc r3r 500-i & 600-i	
99	DNF57768	P19720-B21	7025795255196 / HPE PROLIANT DL380 SERVER WITH ACCESSORIE S		1 / EACH/NUMBER	GEN 10 8sFF NC Configure to order					<u>TECHNICAL SPECIFICATION</u> - null <u>GENERAL SPECIFICATION</u> - null	
100	DNF58469	5404220	5998795281899 / panel control		1 / EACH/NUMBER	cummins command control system					<u>TECHNICAL SPECIFICATION</u> - null <u>GENERAL SPECIFICATION</u> - null	
101	DNF57202	5404220	5998795281899 / panel control		1 / EACH/NUMBER	cummins command control					<u>TECHNICAL SPECIFICATION</u> - null <u>GENERAL SPECIFICATION</u> - null	

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						
102	DN057311	ly54171026	533179528044 8 / OIL seal - hpac fw pump		8 / EACH/NUMBER	LY54171026					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
103	SNF52842	lx-d4c-1220	593070524609 3 / limit switch		10 / EACH/NUMBER	LX-D4C-1220					TECHNICAL SPECIFICATION - BROUCHER ATTACHED GENERAL SPECIFICATION - BROUCHER ATTACHED	
104	DN050296	7620.638.071.4 / ZPGI-143-SEW	2815FP303114 3 / ZINC PLATE INTER COOLER		30 / EACH/NUMBER	TBD620V12					TECHNICAL SPECIFICATION - ZINC PLATE INTER COOLER GENERAL SPECIFICATION - ZINC PLATE INTER COOLER	
105	DN048529	ZR81KCE-TFD	431078528070 4 / Compressor (CLD-17, 17P)		2 / EACH/NUMBER	ZR81K3E-TFD					TECHNICAL SPECIFICATION - OEM : COPELAND FRANCE SA61 R EMILE ZOLA69150 DECINES CHARPIEUTEL72020357#FAX78497024#TLX305972# GENERAL SPECIFICATION - OEM : COPELAND FRANCE SA61 R EMILE ZOLA69150 DECINES CHARPIEUTEL72020357#FAX78497024#TLX305972#	
106	DN056092	01.14.21.104 / ACB-006-SEW	4420FP205000 6 / ANTICORROSION BLOCK		12 / EACH/NUMBER	CLZM-5.5					TECHNICAL SPECIFICATION - ANTICORROSION BLOCK GENERAL SPECIFICATION - ANTICORROSION BLOCK	
107	DNF60815	v1000	599970524610 6 / controller (master)		1 / EACH/NUMBER	V1000					TECHNICAL SPECIFICATION - Platinum HID Physical Access Controller Power LED audio/ visual indications. Ethernet/ RS-485 (half duplex) ports. UL94 polycarbonate material. AC-HID-Vertex EVO network controller GENERAL SPECIFICATION - Platinum HID Physical Access Controller Power LED audio/ visual indications. Ethernet/ RS-485 (half duplex) ports. UL94 polycarbonate material. AC-HID-Vertex EVO network controller	
108	DN056684	aca-0016-sew/SMHB-DJ-01-1	2040FP407001 6 / CF90 -280 Anti-fouling and		8 / EACH/NUMBER	HB-1					TECHNICAL SPECIFICATION - CF90 -280 Anti-fouling and anti-corrosive 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
			anti-corrosive ELECTRODES (ANODES)								SPECIFICATION - CF90 -280 Anti-fouling and anti-corrosive	
109	DN049989	aca-0016-sew/SMHB-DJ-01-1	2040FP4070016 / CF90 -280 Anti-fouling and anti-corrosive ELECTRODES (ANODES)		4 / EACH/NUMBER	HB-1					TECHNICAL SPECIFICATION - CF90 -280 Anti-fouling and anti-corrosive GENERAL SPECIFICATION - CF90 -280 Anti-fouling and anti-corrosive	
110	DNF55115	dem-310gt	5930705246333 / D-LINK 24 PORTS 10/100/1000 MBPS+4 10G SFP+PORTS SMARTPRO SWITCH, (EU PLUG) WITH 4 X K-LINK 1-P LX SM SFP (DGS-1510-28X & DEM-310GT)		5 / EACH/NUMBER	dgs-1510-28x					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
111	DN055321	aca-0024-sew/ MHB-DJ-03-1	2040FP4070024 / CF75 -200 Anti-fouling and anti-corrosive ELECTRODES (ANODES)		7 / EACH/NUMBER	HB-1					TECHNICAL SPECIFICATION - CF75 -200 Anti-fouling and anti-corrosive GENERAL SPECIFICATION - CF75 -200 Anti-fouling and anti-corrosive	
112	DN049912	aca-0024-sew/ MHB-DJ-03-1	2040FP4070024 / CF75 -200 Anti-fouling and anti-corrosive ELECTRODES (ANODES)		7 / EACH/NUMBER	HB-1					TECHNICAL SPECIFICATION - CF75 -200 Anti-fouling and anti-corrosive GENERAL SPECIFICATION - CF75 -200 Anti-fouling and anti-corrosive	
113	SNF49435	T-1600-G-28-PS(TL-SG-2424P)	7025705246882 / 24 PORT PoE SWITCH		1 / EACH/NUMBER	T-1600-G-28-PS (TL-SG-2424P)					TECHNICAL SPECIFICATION - oem, TP-LINK TECHNOLOGIES CO LTD local source,Horizon Tech Services, Islamabad GENERAL SPECIFICATION - oem, TP-LINK TECHNOLOGIES CO LTD local source,Horizon Tech Services, Islamabad	
114	DN056096	01.14.21.1.11 /	4420FP2100014 / Zinc anode		6 / EACH/NUMBER	75*55*30					TECHNICAL SPECIFICATION - null GENERAL 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
		ZACWP-014-SEW	for condenser MODEL NO. 75*35*30		UMBER						null	
115	DN05696 1	01.14.21.1. 11 / ZACWP- 014-SEW	4420FP210001 4 / Zinc anode for condenser MODEL NO. 75*35*30		6 / EACH/N UMBER	75*55*30					<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
116	SNF5830 1	06jgt5	705072527928 6 / intel ssd 480 gb sata 2.5" dell emc (6 Gbps)		2 / BOX	ssdsc2kg 480g8r					<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
117	DN05668 5	aca-0021- sew/SMHB -DJ-02-1	2040FP407002 1 / CF75 -220 Anti-fouling and anti-corrosive ELECTRODES (ANODES)		14 / EACH/N UMBER	HB-1					<u>TECHNICAL SPECIFICATION - CF75 -220 Anti-fouling and anti-corrosive</u> <u>GENERAL SPECIFICATION - CF75 -220 Anti-fouling and anti-corrosive</u>	
118	DN05668 7	ACA-0027- SEW/SMH B-DJ-04-1	2040FP407002 7 / CF60 -150 Anti-fouling and anti-corrosive ELECTRODES (ANODES)		5 / EACH/N UMBER	HB-1					<u>TECHNICAL SPECIFICATION - CF60 -150 Anti-fouling and anti-corrosive</u> <u>GENERAL SPECIFICATION - CF60 -150 Anti-fouling and anti-corrosive</u>	
119	DN04998 6	ACA-0027- SEW/SMH B-DJ-04-1	2040FP407002 7 / CF60 -150 Anti-fouling and anti-corrosive ELECTRODES (ANODES)		5 / EACH/N UMBER	HB-1					<u>TECHNICAL SPECIFICATION - CF60 -150 Anti-fouling and anti-corrosive</u> <u>GENERAL SPECIFICATION - CF60 -150 Anti-fouling and anti-corrosive</u>	
120	DN05532 0	ACA-0027- SEW/SMH B-DJ-04-1	2040FP407002 7 / CF60 -150 Anti-fouling and anti-corrosive ELECTRODES (ANODES)		5 / EACH/N UMBER	HB-1					<u>TECHNICAL SPECIFICATION - CF60 -150 Anti-fouling and anti-corrosive</u> <u>GENERAL SPECIFICATION - CF60 -150 Anti-fouling and anti-corrosive</u>	
121	DNJ4887 7	17400- 96J021/17 400-96J04	433076526512 1 / WATER PUMP REPAIR KIT		1 / EACH/N UMBER	F150FET X					<u>TECHNICAL SPECIFICATION - OEM: SUZUKI MOTOR CORPORATION COUNTRY OF ORIGIN : JAPAN</u> <u>GENERAL SPECIFICATION - OEM: SUZUKI MOTOR CORPORATION COUNTRY OF ORIGIN : JAPAN</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
122	SNJ45496	17400-87101 / 17400-96J03	2805705267440 / water pump repair kit		6 / EACH/NUMBER	df150 suzuki					TECHNICAL SPECIFICATION - OEM: SUZUKI MOTOR JAPAN GENERAL SPECIFICATION - OEM: SUZUKI MOTOR JAPAN	
123	SNF54672	DT4282	6625375424053 / DIGITAL MULTIMETER ALONG WITH ACCESSORIES		2 / EACH/NUMBER	DT4282					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
124	DNS56588	21707132/477556-5	4330331080376 / OIL FILTER	VOLVO PENTA SSDG D9A2A MG HE SWEDEN	1 / EACH/NUMBER	NO DATA AVAILAB LE		FR	SIEMEN PAKISTAN ENGINEERING CO LTD AUTOMATION&DRIVE DIVISION BU SMALL&LARGE B-72ESTATE AVNEUE SITE PO BOX 7158PH# 92(021) 2574910-19 KARACHI 75700		TECHNICAL SPECIFICATION - - GENERAL SPECIFICATION - -	
125	DNF57499	rm 10-hf	5810735248460 / modem-1/ RM10 Wideband SDM - WBHF Modem (MS-188-110C)		1 / EACH/NUMBER	RM 10-HF					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
126	DNF59977	0103-034021-249	6685785154497 / THERMOCOUPLE 6M	H/PAC	10 / EACH/NUMBER	FKE 6M		ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE:042-	CHINA		TECHNICAL SPECIFICATION - MAKE/BRAND: ALPINE SOURCE OF AVAILABILITY;ALPINE INDUSTRIAL CON PVT LTD.305/2	

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
								6852313,6862490 FAX;92-426553674			GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674. <u>GENERAL SPECIFICATION - MAKE/BRAND:</u> ALPINE SOURCE OF AVAILABILITY;ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674.	
127	DNF59978	0103-034021-248	6685785154498 / THERMOCUPLE 7M	H/PAC	10 / EACH/NUMBER	FKC7M		ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674	CHINA		<u>TECHNICAL SPECIFICATION - MAKE:</u> ALPINE SOURCE OF AVAILABILITY: ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674. <u>GENERAL SPECIFICATION - MAKE:</u> ALPINE SOURCE OF AVAILABILITY: ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674.	
128	DNF56030	3BA23265	7110705204971 / ANALOGUE EXTENSION BOARD (EZ 32-2)/ EZ 32	Navcomm Switches OXE FRANCE	12 / EACH/NUMBER	EZ 32-2	-	Immeuble Cyteo, 147, Avenue Paul Doumer 92500, Rueil-MALMAISON France.	M/s Alcatel Lucent France		<u>TECHNICAL SPECIFICATION - This board is used to provide 32 Analogue Numbers.</u> <u>GENERAL SPECIFICATION - This board is used to provide 32 Analogue Numbers.</u>	
129	DNF57113	3BA 23254	5940785204972 / NPRAE/ NPRAE-2 BOARD (NEW PRIMARY RATE ACCESS E-1) BOARD	Navcomm Switches OXE FRANCE	5 / EACH/NUMBER	NPRAE-2	NIL	Immeuble Cyteo, 147, Avenue Paul Doumer 92500, Rueil-MALMAISON France.	M/s Alcatel Lucent France		<u>TECHNICAL SPECIFICATION - This board provide E-1 media interface to switches.</u> <u>GENERAL SPECIFICATION - This board provide E-1 media interface to switches.</u>	
130	DNZ54621	95602.138	5331014159103 / O RING	MAIN AIR COMPRESSOR	2 / EACH/NUMBER	NO DATA AVAILABLE		UK	COMPAIR UK LTD		<u>TECHNICAL SPECIFICATION - -</u> <u>GENERAL SPECIFICATION - -</u>	
131	DNF59976	0103-034021-	6685785154496 /	H/PAC	10 / EACH/NUMBER			ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD	CHINA		<u>TECHNICAL SPECIFICATION - SOURCE OF AVAILABILITY;ALPINE</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
		250	THERMOCOUPLE 5M		UMBER			BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674			INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674. <u>GENERAL SPECIFICATION - SOURCE OF AVAILABILITY</u> ;ALPINE INDUSTRIAL CON PVT LTD.305/2 GT ROAD BUGHBAN PURA LAHORE PAKISTAN PHONE;042-6852313,6862490 FAX;92-426553674.	
132	DNQ58617	GOMTEX Ø 30310005000	4730705269708 / hose assy rubber duraline /gometex lg 100 ft id 2"		3 / HUNDREDED FT	HOSE ASSY RUBBER DURALINE /GOMETEX LG 100 FT ID 2"					<u>TECHNICAL SPECIFICATION - SPECIALLY FORMULATED RUBBER, I EXTRUDED THROUGH A CIRCULAR WOVEN. LOW PRESSURE DROP THANKS TO ITS SMOOTH INNER WALL, HIGH THERMAL RESISTANCE.</u> oem/country of origin GOMTEX/ usa <u>GENERAL SPECIFICATION - SPECIALLY FORMULATED RUBBER, I EXTRUDED THROUGH A CIRCULAR WOVEN. LOW PRESSURE DROP THANKS TO ITS SMOOTH INNER WALL, HIGH THERMAL RESISTANCE.</u> oem/country of origin GOMTEX/ usa	
133	DNS57629	471 193	5306735187069 / SCREW	WARTSILA MAIN ENGINE 9L20C3 FINLAND	3 / EACH/NUMBER	9L20C3	MADPAA E084245, PAAE084242 RASDPA AE084243, PAAE084244	Wartsila Finland Oy Vaasa Factory Tarhaajantia 2, FIN-65101 Vaasa, Finland Tel. +358 10 708 0000, Tix 74251 wa sf Fax (Service) ,358 6 356 7355 Fax (Spare parts) +358 10 709 1380	Wartsila Finland Oy		<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
134	DNJ49917	38100-93J03 / 38100-93J04	5895765222023 / MOTOR ASSY, PTT	SUZUKI DF300AP 300 HP OBM	1 / EACH/NUMBER	DF300AP	30002P-712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN		<u>TECHNICAL SPECIFICATION - NIL</u> <u>GENERAL SPECIFICATION - NIL</u>	
135	SNS55065	238-8289	4720FT1018944 / Pipe As	Caterpillar Emergency DG Marine Genset	2 / EACH/NUMBER	Marine Genset C 4.4	N/A	14009 OLD GALENA RD TC-A, MOSSVILLE, IL, 61552-7547, U.S.A	CATERPILLAR INC. DBA		<u>TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -</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
				C 4.4 USA					CATERPILLAR DIV GOVERNMENTAL AND DEFENSE PRODUCTS			
136	DNF53777	DCC/HFB M/HW/119	7050705215677 / HDMI CABLE 25MTR FIBER OPTIC	OPERATOR CONSOLE DCC-2016 PAKISTAN	4 / EACH/NUMBER	NA	NA	Commercially Of The Shelf (COTS)/Local Market	COTS		<u>TECHNICAL SPECIFICATION - DISPLAY CABLE</u> <u>GENERAL SPECIFICATION - DISPLAY CABLE</u>	
137	DNC56249	8M0103373	2990MB0020692 / HEAD STEERING	PETROL MAIN ENGINE	1 / EACH/NUMBER	350	2B614987, 2B612137, 2B619494	MERCURY MARINE SINGAPORE PTE LTD 11 CHANGI SOUTH STREET 3, #01-02 SINGAPORE 486122	MERCURY MARINE		<u>TECHNICAL SPECIFICATION - HEAD STEERING</u> <u>GENERAL SPECIFICATION - HEAD STEERING</u>	
138	SNF57086	7429766	5930735218570 / PRESSURE SWITCH	Azimuth Thruster	1 / EACH/NUMBER	7429766	66925,669226	Rolls Royce OY Ab PO BOX 220, FIN-26101 Roma Finland Phone + 358283791. FAX NO + 358283794804 Azimuth Thruster/Propulsion Aftermarket Fax + 358283794804 Home Page: ww.rolls Royce.com	Rolls Royce OY Ab, Rauma, Finland		<u>TECHNICAL SPECIFICATION - PRESSURE SWITCH FITTED WITH STEERING AND LUBRICATION HYDRAULICS SYSTEM AND SEND ALARM WHEN PRESSURE DECREASING BELOW 17 BAR.</u> <u>GENERAL SPECIFICATION - PRESSURE SWITCH FITTED WITH STEERING AND LUBRICATION HYDRAULICS SYSTEM AND SEND ALARM WHEN PRESSURE DECREASING BELOW 17 BAR.</u>	
139	DNF56904	BSEN60317-8	0561795253560 / WIRE WINDING copper ELECT ENAMEL cond dia0.250 O/A DIA 0.301 MM	FOR WINDING	4 / KILOGRAMME	GHAZILE X					<u>TECHNICAL SPECIFICATION - Purity: 99.95 % Copper Class: Class-180 BSEN60317-B grade-2(class 180 degree).</u> <u>GENERAL SPECIFICATION - Purity: 99.95 % Copper Class: Class-180 BSEN60317-B grade-2(class 180 degree).</u>	
140	SNZ5913	ALN 2611	5930785035174 / PUSH BUTTON ILLUMINATED INPUT220/200V50/60HZOUTPUT6.	SERVICE PANELS NASR	50 / EACH/NUMBER						<u>TECHNICAL SPECIFICATION - NO DATA AVAILABLE</u> <u>GENERAL SPECIFICATION - NO DATA AVAILABLE</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
			3V1WATT									
141	DNQ58615	GOMTEX Ø 30310003800	473070526970 9 / hose assy rubber duraline/gometex lg 100 ft id 1-1/2"		11 / EACH/NUMBER	HOSE ASSY RUBBER DURALINE/ GOMETE X LG 100 FT ID 1-1/2"					TECHNICAL SPECIFICATION - specially formulated rubber, i extruded through a circular woven. low pressure drop thanks to its smooth inner wall, high thermal resistance. GENERAL SPECIFICATION - specially formulated rubber, i extruded through a circular woven. low pressure drop thanks to its smooth inner wall, high thermal resistance.	
142	DNF53884	MCTX-CNVRTR-VGAHDMI	591570524871 1 / VGA TO HDMI CONVERTER		4 / EACH/NUMBER	MCTX-CNVRTR-VGAHDMI					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
143	DNF59950	WINXP (SP3 ONWARDS) /VIST/WIN7/ WIN8 WIN10/MAC/LINUX	599870527756 7 / SVAS SECURE 4G DATA WINGLES/jazz (DEVICE)		1 / EACH/NUMBER	NA					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
144	DNF58067	ID-VTS-GSP-ETH-CAB-01	599550599570 5 / Ethernet Cable- Ethernet cable for LAN connectivity		80 / EACH/NUMBER	ID-VTS-GSP-ETH-CAB-01-INTELL-001					TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
145	DN048533	02.05.04.021	594578527698 2 / Thermal relay		2 / EACH/NUMBER	CLS-350					TECHNICAL SPECIFICATION - Thermal relay GENERAL SPECIFICATION - Thermal relay	
146	DN055833	7620.740.013.5 / FIL230912	2815FP303039 3 / FUEL DUPLEX FILTER		4 / EACH/NUMBER	TBD620V12					TECHNICAL SPECIFICATION - FUEL DUPLEX FILTER Item Name: Lead Acid Battery (Maintenance Free) Make: Power Sonic Model: PG – 12V 22 B Technical Detail: 12V, 22Amps GENERAL SPECIFICATION - FUEL DUPLEX FILTER Item Name: Lead Acid Battery (Maintenance Free) Make: Power Sonic Model: PG – 12V 22 B Technical Detail: 12V, 22Amps	

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
147	DNF52884	ALN-ENM	100579520400 2 / SMOKE DETECTOR HOCHIKI WITH BASE YBN-R/3	FIRE ALARM SYSTEM ALN-ENM UK	4 / EACH/NUMBER	ALN-ENM	NLI	GROSVENER ROAD, GILLINGHAM BUSINESS PARK,GILLINGHAM,KENT ME80SA UNITED KINGDOM +44(0) 1634260133 info@hochikieurope.com	HOCHIKI EUROPE (UK) LTD		TECHNICAL SPECIFICATION - OPERATING VOLTAGE : 17-41VDC ALARM CURRENT : 9.1 mA OPERATING TEMPERATURE : -10 C to 50 C OPERATING HUMIDITY : 95% RH-NON CONDENSING (AT 40 C) STORAGE TEMPRETURE : -30 C to +60 C STORAGE HUMIDITY : 80% RH AT 60 C TECHNICAL MANUAL ENCLOSED GENERAL SPECIFICATION - OPERATING VOLTAGE : 17-41VDC ALARM CURRENT : 9.1 mA OPERATING TEMPERATURE : -10 C to 50 C OPERATING HUMIDITY : 95% RH-NON CONDENSING (AT 40 C) STORAGE TEMPRETURE : -30 C to +60 C STORAGE HUMIDITY : 80% RH AT 60 C TECHNICAL MANUAL ENCLOSED	
148	SNF54685	142-3324	584572518515 1 / RF CABLE RG-58	HF TX/RX XK2100L	100 / METER	XK-2100L	NOT	FARNELL UK WAREHOUSE PHONE NO+448701200208	FARNELL UK WAREHOUSE PHONE NO+448701200208		TECHNICAL SPECIFICATION - RF CABLE RG-58 1. 50 Ohm 2. 20 AWG Standard Copper Conductor 3. 95% Copper braid shield 4. PVC Jacket 5. Professional Grade 6. Foot Markings 7. Max. continue length: 1000 FT GENERAL SPECIFICATION - RF CABLE RG-58 1. 50 Ohm 2. 20 AWG Standard Copper Conductor 3. 95% Copper braid shield 4. PVC Jacket 5. Professional Grade 6. Foot Markings 7. Max. continue length: 1000 FT	

INVITATION TO TENDER VSD I.T DATE 14-03-2024

The following item is required against local purchase. Suppliers are requested to quote by **01.04.2024** before 11:00 AM Quotations are to be deposited in the quotation box.

<u>S.NO</u>	<u>LPR NO &amp; DATE</u>	<u>QTY</u>	<u>DELIVERY</u>
1.	VSD-LPR NO.08/2024 DATED 04 March 2024 WHOLE DAY MREs	150 Packet	VSD AT KARACHI

NOTE:-

1. Non-registered firms/suppliers are required to forward bank draft/pay order equal to 5% total value of quotation in favor of "**Commander Local Purchase**" division along with their bids.
2. For any amplified details interested firms may contact Local Purchase Division in person.

NOTE:

SPECIFICATION OF ITEM IS ATTACHED

## SPECIFICATIONS OF WHOLE DAY MRE PACK

1. Scope. This specification covers the quality and quantity of the Components and packing requirements of whole day per person MRE Pack Ration.

2. Quality:

- a. The pack shall consist of items described in Annex A to this Specification.
- b. All ingredients used in the manufacture of the item of the rations shall be fresh, clean, sound, wholesome, free from infestation, extraneous matter and any kind of deterioration. They shall be in satisfactory condition in all respects.
- c. The items included in the pack shall be well baked/cooked where applicable and be attractive in appearance, pleasant in taste, wholesome, palatable and free from unpleasant odor, infestation and deleterious substances.
- d. The total caloric value of one complete ration shall not be less than 3400.

3. Packing.

The aim shall be to provide a light, compact and sturdy packing which allows minimum of oxygen to the contents and complete barrier to water vapors.

- a. Individual Items. Sugar shall be packed in sealed polyethylene bags. Skimmed milk powder and tea leaves shall be packed in heat scalable moisture proof cellophane paper. Other packing materials can be used provided they offer equal protection to tea leaves and skimmed milk powder and do not impart any foreign odour to the product. Chicken biryani and, beef biryani shall be packed in aluminum foil laminate. The laminate shall be a combination of polyethylene and aluminum foil.
- b. Complete Ration Pack. All the items constituting the ration shall be packed in a bag of polyethylene possesses light weight and of good quality. The instructions for reconstitution of the items where applicable shall be printed on each packet.
- c. All items included in the pack shall be free from pathogenic/ food spoiling micro-organisms.

4. Marking

The following particulars shall be marked on at least one side of each pack.

- a. Item Name and Brand name (if any)
- b. Batch or code number
- c. Date of manufacturing
- d. Date of expiry (at least 02 Years )
- e. Net weight
- f. Name and address of the manufacturer/ supplier
- g. Accurate nutrients (i.e Calories, Proteins, carbohydrates and Fats)
- h. Specially packed for VSD



5. Warranty. The warranty shall be in accordance with the standard warranty clause. The minimum warranty period shall not be less than six months but the rations should remain fit for consumption for not less than **two year** under normal storage conditions.

6. Hygiene. The item shall be prepared, packed and stored in good hygienic premises in accordance with Pakistan Standards – Good manufacturing practices (PS:1825) and Codex Alimentarius Commission's recommended international code of practices and general principles of food hygiene (CAC/RCP1-1969, rev.4-2003), which shall be open to inspection at any time, by a competent authority approved by Pakistan Navy.

7. Inspection. Inspection of supplies tendered shall be carried out by an officer acting on behalf of CO VSD. The decision of the officer shall be final. Deliveries shall be equal in all respects to the sample approved by the competent authority. In case any disparity is found between the original sample and the delivered stock, the purchaser shall have the right to demand replacement of the stock from the supplier and supplier shall be bound to do so with 05 x days.

## TERMS & CONDITIONS – WHOLE DAY MRE PACK

1. The stores are liable to be inspected by the DPL-15. In case of non-acceptance of Whole Day MRE Pack due to sub-standard quality. The Supplier shall offer the new stock within Three days from time of rejection of Whole Day MRE Pack.
2. In case of any loss/ damage due to poor quality of packing by the seller the supplier will be bound to replace the same with the fresh stock in proper packing on immediate basis or the purchaser will have the right to deduct equivalent amount from the bill.
3. Unloading of stores at VSD is the responsibility of contractor.
4. Free delivery at Consignee warehouse.
5. Delivery Challan shall be handed over to VSD staff at the time of delivery of supplies.
6. Delivery of goods in working hours only.
7. In case of deviation from the parameters PR will be charged accordingly.
8. The inspection will be carried out by CO VSD or any Officer nominated by him and expense of the same or else will be borne by the supplier.

## MENU # 2

Specifications of whole day ration pack

S.No	<u>Item</u>	Quantity
1.	<u>Breakfast</u>	
	a. Gram Masala	250gm.
	b. Naan	95gm (02 in No)
2.	<u>Morning Tea</u>	
	a. Sugar	10gm
	b. Milk Powder	08gm
	c. Tea Leaves	1.5gm to 02 gm
3.	<u>Standeasy</u>	
	a. Biscuits	45gm
4.	<u>Lunch</u>	
	a. Beef Biryani	500gm
	b. Black Roasted Channa Dry	60gm
	c. Dry dates	7.5gmX08 in No.
	d. Candies	3.625gmX04 in No.
5.	<u>Dinner</u>	
	a. Chicken Haleem	300gm
	b. Naan	95gm (02 in No)
6.	<u>Accessories</u>	
	a. Fork	01X05gm
	b. Spoon	01X05gm
	c. Tissue paper	6.6gm

## INVITATION TO TENDER VSD I.T DATE 14-03-2024

The following item is required against local purchase. Suppliers are requested to quote by **01.04.2024** before 11:00 AM Quotations are to be deposited in the quotation box.

<u>S.NO</u>	<u>LPR NO &amp; DATE</u>	<u>QTY</u>	<u>DELIVERY</u>
1.	VSD-LPR NO.04/2024 DATED 18/01/2024 PEPPER BLACK	250 KGs	VSD AT KARACHI

### NOTE:-

1. Non-registered firms/suppliers are required to forward bank draft/pay order equal to 5% total value of quotation in favor of "**Commander Local Purchase**" division along with their bids.
2. For any amplified details interested firms may contact Local Purchase Division in person.,

### NOTE:

SPECIFICATION OF ITEM IS ATTACHED

## SPECIFICATIONS OF BLACK PEPPER WHOLE

1. Specifications:

- a. Black pepper (kali mirch) are the berries of Piper nigrum brown to black in colour with wrinkled surface, having the characteristic flavour, pungent taste, with or without the husk.
- b. The product shall be in pure form and free from exhausted seeds, grits, mould, infestations, colouring matter, adulterants, mycotoxins, heavy metals, non-permitted chemicals additives and other objectionable matter.
- c. No insect shall be found in product. The seed of pepper broken to half or less than half will be considered as broken seed.
- d. The product shall have natural characteristic organoleptic properties, free from objectionable sensory characters, shall be fit for human consumption by all means and also suitable for its intended use.

2. Testing and Analysis. The product should conform to following:

S No	Parameter	Requirement
a.	Damaged seeds, dust, dirt	1% max
b.	Broken, shrivelled seeds	2% max
c.	Moisture	10% max
d.	Total Ash	1 – 6 %
e.	Volatile oil	2% min
f.	Peperine content	4% min
g.	Bulk density	490 gm/ltr min

3. Packing. The product shall be packed in water-proof, strong, hermetically well-sealed PE/PET/Al-foil packets, each packet may contain 0.5 kg, 1 kg net weight. These packets shall further be packed in 5 ply well-made, properly sealed, trade corrugated cardboard cartons. Each carton may contain 12 kg maximum net weight.

4. Marking. The product shall fulfil the labelling requirements of Codex General Standard for labelling of Packaged Food (Codex Stan 1:1985) and Pakistan standard for labelling (PS 1485:1994).

- a. The following particulars shall be printed on each packet:
  - (1) Product name (Brand name – if any) coloured glazed image.
  - (2) Handling, storage and usage instructions/ guidelines.
  - (3) Date of manufacturing and expiry (at least 10 x month's shelf life at the time of inspection).
  - (4) Net weight.
  - (5) Name and address of the manufacturer.

b. The following particulars shall be printed on each carton:

- (1) Product name (Brand name – if any).
- (2) Date of manufacturing and expiry (at least 10 x month's shelf life at the time of inspection).
- (3) Name and address of the manufacturer/ supplier.
- (4) Specially packed for Pakistan Navy.

5. Hygiene. The product shall be prepared, packed and stored in good hygienic premises in accordance with Pakistan Standards – GMP (PS 1825:1987, as revised) and Codex Alimentarius Commission's international code of practices and general principles of food hygiene (CAC/RCP1-1969, rev.4-2003).

6. Inspection. Site shall be open to inspection at any time, by a competent authority approved by Pakistan Navy. The inspection of firm and product will be carried out under guidelines obtained from following:

- a. Pakistan Standard for black pepper (PS 959:2001, as revised).
- b. Pure Food Regulations 2018 (PFR 2018).
- c. Codex standard for black, white, green pepper (CS 326-2017).

## TERMS AND CONDITIONS FOR SUPPLY OF PEPPER BLACK

1. LPO will be concluded with the seller to provide Pepper Black at VSD in Karachi as per the instructions of Commanding Officer Victualling Stores Depot. An advance notice will be provided by VSD to the seller for delivery of Pepper Black.
2. The supplier is to intimate PN VSD while offering stores for CINS inspection. The inspection against every supply order will be carried out by CINS and expense of the same or else will be borne by the supplier.
3. In case of non-acceptance of Pepper Black, due to sub-standard quality. The Supplier/ seller shall offer the new stock within Five Days from the date of rejection.
4. In case of default by the Supplier in re-supply of Pepper Black on a given date and unable to provide fresh stocks within Five Days from the date of rejection of Pepper Black. Purchaser reserves the right to cancel the contract/ supply order on R/E.
5. In case of any emergency/ war, the Supplier will be bound to meet the emergent requirement within 24 hrs notice.
6. In case of any loss/ damage due to poor quality of packing by the seller, the supplier will be bound to replace the same with the fresh stock in proper packing on immediate basis or the purchaser will have the right to deduct equivalent amount from the bill.
7. In case of any discrepancy in packing/ invoice/ bill and weight/ contents, it will be treated as fraud, for which, whole quantity supplied during the period will be considered short supply. The damages will be dealt as per "Goods Contract Act" and "Sales of Goods Act" or as per existing laws. In case of discrepancy in weight of supplied stores, decision of CO VSD will be firm & final and same shall not be subject to arbitration.
8. Un-loading of stores at VSD is the responsibility of Supplier.
9. Free delivery at Consignee ware house.
10. Delivery Challan shall be handed over to VSD staff at the time of delivery of supplies.