

LOCAL PURCHASE DIVISION – PAKISTAN NAVY

TERMS & CONDITIONS FOR INVITATION TO TENDERS TO BE OPENED ON 14-09-2026

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,

WHATSAPP NO. 92-322-0188121 (Message Only)

TENDER BULLETIN

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	DNF79410	ST4000NM0053/ST4000VX000	702578520784 9 / 4TB SURVEILLANC E HARD DISK- SATA FOR NVR	CCTV System ST4000VX000 CHINA	3 / EACH/N UMBER	ST4000V X000	NA	Seagate Singapore International Headquarters Pte. Ltd. 7000 Ang Mo Kio Avenue 5, Singapore 569877, 65-6485-3888	CHINA	RE TENDER ON RE	<u>TECHNICAL SPECIFICATION -</u> Marketing Name: Surveillance HDD Cache Multisegmented (MB): 64 Bytes per Sector : 4096 Cameras Supported : up to 32 <u>GENERAL</u> <u>SPECIFICATION -</u> Marketing Name: Surveillance HDD Cache Multisegmented (MB): 64 Bytes per Sector : 4096 Cameras Supported : up to 32	
2	DNF106998	DGS-008D/E/ DF3709B1 001785	593071518116 2 / D-LINK 8 PORT NETWORK SWITCH	VIRDI AC-4000	4 / EACH/N UMBER	DGS 1008 D/E	NA	USA/CANADA	USA/CAN ADA	TDS/BROC HURE OR PHOTOGR APH OF ITEM MUST BE ENCLOSE D WITH QUOTATIO N	<u>TECHNICAL SPECIFICATION - 8</u> PORT DESKTOP SWITCH SPORTING.803.3 ETHERNET, 80230FAST ETHERNET OR 8023ab GB ETHERNET CATS ETHERNT. <u>CABLE</u> <u>GENERAL SPECIFICATION</u> _8 PORT DESKTOP SWITCH SPORTING.803.3 ETHERNET, 80230FAST ETHERNET OR 8023ab GB ETHERNET CATS ETHERNT CABLE	
3	SNF105287	FSP21660-40	621078521667 2 / LED LIGHTS 2x2 SUSPENDED LIGHTING PANEL WITH FIX BRAND:SE WORLD MODEL: 4014 SMD	LED Lights 2? x2? suspended lighting panel with fix	33 / SET	se-cl-2x2 panel	NA	FOSHAN Electrical & Lighting Co. Ltd. 64 North FengJiang Road, Foshan China.	FOSHAN Electrical & Lighting Co. Ltd.	TDS/BROC HURE OR PHOTOGR APH OF ITEM MUST BE ENCLOSE D WITH QUOTATIO N	<u>TECHNICAL SPECIFICATION -</u> shape ;square lamp power;48 w size ;600 mm pf ;> 0.95 LUMINOUS ;100 LM/W LAMP MATERIAL ; ALUMINUM IP GRADE ;IP 40 VOLTAGE ;AC 90-265 V Brand: SE WORLD Model: 4014 <u>GENERAL SPECIFICATION -</u> shape ;square lamp power;48 w size ;600 mm pf ;> 0.95 LUMINOUS ;100 LM/W LAMP MATERIAL ;	

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											ALUMINUM IP GRADE ;IP 40 VOLTAGE ;AC 90-265 V Brand: SE WORLD Model: 4014 SMD	
4	DGP108712		7025705131682 / LED TV 43 INCH	LED TV 36	1 / EACH/NUMBER			PK		PAKISTAN	TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
5	DNJ108099	701-48320-70	5820765170579 / CABLE REMOTE CONTROL 20 FEET	OBM 90 HP YAMAHA	16 / EACH/NUMBER			JAPAN		JAPAN	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION TECHNICAL SPECIFICATION - STANDARD GENERAL SPECIFICATION - STANDARD GENERAL SPECIFICATION	
6	DGP108605		7535705133021 / LAPTOP COMPUTER	COMPUTER	2 / EACH/NUMBER	Dell inspire 1520		PK		VIDE NHQ LETTER ST-S/3200/8198 DT 23/07/08	TECHNICAL SPECIFICATION - HP/DELL/LENOVO LAPTOP. S NO COMPONENTS SPECIFICATION 1. CPU TECHNOLOGY: INTEL® CORE I5 (13TH GENERATION OR ABOVE (MINIMUM 2.3 GHZ). 2. SYSTEM MEMORY: 8 GB DDR3/DDR4 or above 3. DISPLAY: 15.6" LED. 4. HARD DISK: 512 gb ssd. 5 OPTICAL DISK DRIVE: DVD-RW 6. WEBCAM: YES 7. GRAPHICS: INTEL ® HD/HD GRAPHICS 8. WIRELESS CONNECTIVITY: YES 9. BLUETOOTH: YES 10. WARRANTY: 01 YEAR 11. OPERATING SYSTEM: WINDOWS 11 (LICENSED VERSION). GENERAL SPECIFICATION - HP/DELL/LENOVO LAPTOP. S NO COMPONENTS SPECIFICATION 1. CPU TECHNOLOGY: INTEL® CORE I5 (13TH GENERATION OR ABOVE (MINIMUM 2.3 GHZ). 2. SYSTEM MEMORY: 8 GB DDR3/DDR4 or above 3. DISPLAY: 15.6" LED. 4. HARD DISK: 512 gb ssd. 5 OPTICAL DISK DRIVE: DVD-RW 6. WEBCAM: YES 7. GRAPHICS: INTEL ® HD/HD GRAPHICS 8. WIRELESS	

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											CONNECTIVITY: YES 9. BLUETOOTH: YES 10. WARRANTY: 01 YEAR 11. OPERATING SYSTEM: WINDOWS 11 (LICENSED VERSION).	
7	DGP107 911		753570513302 1 / LAPTOP COMPUTER	COMPUTER	1 / EACH/N UMBER	Dell inspire 1520		PK	VIDE NHQ LETTER ST- S/3200/81 98 DT 23/07/08		TECHNICAL SPECIFICATION - HP/DELL/LENOVO LAPTOP. S NO COMPONENTS SPECIFICATION 1. CPU TECHNOLOGY: INTEL® CORE I5 (13TH GENERATION OR ABOVE (MINIMUM 2.3 GHZ). 2. SYSTEM MEMORY: 8 GB DDR3/DDR4 or above 3. DISPLAY: 15.6" LED. 4. HARD DISK: 512 gb ssd. 5 OPTICAL DISK DRIVE: DVD-RW 6. WEBCAM: YES 7. GRAPHICS: INTEL® HD/HD GRAPHICS 8. WIRELESS CONNECTIVITY: YES 9. BLUETOOTH: YES 10. WARRANTY: 01 YEAR 11. OPERATING SYSTEM: WINDOWS 11 (LICENSED VERSION). GENERAL SPECIFICATION - HP/DELL/LENOVO LAPTOP. S NO COMPONENTS SPECIFICATION 1. CPU TECHNOLOGY: INTEL® CORE I5 (13TH GENERATION OR ABOVE (MINIMUM 2.3 GHZ). 2. SYSTEM MEMORY: 8 GB DDR3/DDR4 or above 3. DISPLAY: 15.6" LED. 4. HARD DISK: 512 gb ssd. 5 OPTICAL DISK DRIVE: DVD-RW 6. WEBCAM: YES 7. GRAPHICS: INTEL® HD/HD GRAPHICS 8. WIRELESS CONNECTIVITY: YES 9. BLUETOOTH: YES 10. WARRANTY: 01 YEAR 11. OPERATING SYSTEM: WINDOWS 11 (LICENSED VERSION).	
8	DGP106 833		753570513302 1 / LAPTOP COMPUTER	COMPUTER	1 / EACH/N UMBER	Dell inspire 1520		PK	VIDE NHQ LETTER ST- S/3200/81 98 DT		TECHNICAL SPECIFICATION - HP/DELL/LENOVO LAPTOP. S NO COMPONENTS SPECIFICATION 1. CPU TECHNOLOGY: INTEL® CORE I5 (13TH GENERATION OR ABOVE (MINIMUM 2.3 GHZ). 2. SYSTEM	

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									23/07/08		MEMORY: 8 GB DDR3/DDR4 or above 3. DISPLAY: 15.6" LED. 4. HARD DISK: 512 gb ssd. 5 OPTICAL DISK DRIVE: DVD-RW 6. WEBCAM: YES 7. GRAPHICS: INTEL @ HD/HD GRAPHICS 8. WIRELESS CONNECTIVITY: YES 9. BLUETOOTH: YES 10. WARRANTY: 01 YEAR 11. OPERATING SYSTEM: WINDOWS 11 (LICENSED VERSION). GENERAL SPECIFICATION - HP/DELL/LENOVO LAPTOP. S NO COMPONENTS SPECIFICATION 1. CPU TECHNOLOGY: INTEL@ CORE I5 (13TH GENERATION OR ABOVE (MINIMUM 2.3 GHZ). 2. SYSTEM MEMORY: 8 GB DDR3/DDR4 or above 3. DISPLAY: 15.6" LED. 4. HARD DISK: 512 gb ssd. 5 OPTICAL DISK DRIVE: DVD-RW 6. WEBCAM: YES 7. GRAPHICS: INTEL @ HD/HD GRAPHICS 8. WIRELESS CONNECTIVITY: YES 9. BLUETOOTH: YES 10. WARRANTY: 01 YEAR 11. OPERATING SYSTEM: WINDOWS 11 (LICENSED VERSION).	
9	DGP108478	NIL	7730705138906 / smart led 40 INCH	LCD 41 INCH SONY	1 / EACH/NUMBER	SONY/TC L/LG		JP	SONY JAPAN		TECHNICAL SPECIFICATION - android smart led tv GENERAL SPECIFICATION - android smart led tv	
10	DNF108100	ML-1102S-A & B(2 RJ-45 PORTS)/ 4V1D	6030705215937 / FIBER OPTIC MEDIA CONVERTER FOR IP CAMERAS	CCTV SYSTEM 4V1D PAKISTAN	4 / PAIR	ml-1102s-a & ml-1102s-b		Al-Sa'ee business Solutions Suit 30, 3rd Floor, Crown Centre Plot SB-1, Opp Bait-ul-Mukarram Masjid, Gulshan-e-Iqbal Karachi Tel & Fax (9221)3483-7233	Al-Sa'ee/Pro Secure	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - MODEL NUMBER: ML-1102S-A ML-1102S-B (2 RJ-45 PORTS) oem: MICROLINK Branded Fiber Optic Media Converter for IP Cameras-100mbps/ 1000mbps ? Gigabyte Transmission. GENERAL SPECIFICATION - MODEL NUMBER: ML-1102S-A ML-1102S-B (2 RJ-45 PORTS) oem: MICROLINK Branded Fiber Optic Media Converter for IP Cameras-100mbps/ 1000mbps ? Gigabyte Transmission.	

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11	DGP108 616	HP Scanner 20G05A/L2 747A	749070521848 3 / HP SCANNER PRO 2500 F1/2600 F1 FLATBED	HP SERVER Pro 2500 F1	1 / EACH/NUMBER	HP Scanner 20G05A/Pro 2500 F1/PRO 2600 F1	NIL	MS ORA-TECH SYSTEM, FOUR SQUARE PLAZA 4TH FLOOR,BUILDING NO 21-A, H.H FAROOQI ROAD OFF TARIQ ROAD, PECHS, BLOCK-II, KARACHI. TELEPHONE NO 021-34535933 FAX NO : 021-34536441	HP		TECHNICAL SPECIFICATION - SCANNER TYPE FLATBED, ADF SCAN RESOLUTION UP TO 600DPI COLOR ADN MONOCHROME,ADF, UPTO 1200DPI, DUTY CYCLE UP TO 1500 PAGES BIT DEPTH 24 BITS EXTERNAL 48 BIT INTERNAL LEVEL OF GRAY SCALE 256 SCAN SIZE 216 X 297 <u>GENERAL</u> SPECIFICATION - SCANNER TYPE FLATBED, ADF SCAN RESOLUTION UP TO 600DPI COLOR ADN MONOCHROME,ADF, UPTO 1200DPI, DUTY CYCLE UP TO 1500 PAGES BIT DEPTH 24 BITS EXTERNAL 48 BIT INTERNAL LEVEL OF GRAY SCALE 256 SCAN SIZE 216 X 297	
12	DGP108 481	HP Scanner 20G05A/L2 747A	749070521848 3 / HP SCANNER PRO 2500 F1/2600 F1 FLATBED	HP SERVER Pro 2500 F1	2 / EACH/NUMBER	HP Scanner 20G05A/Pro 2500 F1/PRO 2600 F1	NIL	MS ORA-TECH SYSTEM, FOUR SQUARE PLAZA 4TH FLOOR,BUILDING NO 21-A, H.H FAROOQI ROAD OFF TARIQ ROAD, PECHS, BLOCK-II, KARACHI. TELEPHONE NO 021-34535933 FAX NO : 021-34536441	HP		TECHNICAL SPECIFICATION - SCANNER TYPE FLATBED, ADF SCAN RESOLUTION UP TO 600DPI COLOR ADN MONOCHROME,ADF, UPTO 1200DPI, DUTY CYCLE UP TO 1500 PAGES BIT DEPTH 24 BITS EXTERNAL 48 BIT INTERNAL LEVEL OF GRAY SCALE 256 SCAN SIZE 216 X 297 <u>GENERAL</u> SPECIFICATION - SCANNER TYPE FLATBED, ADF SCAN RESOLUTION UP TO 600DPI COLOR ADN MONOCHROME,ADF, UPTO 1200DPI, DUTY CYCLE UP TO 1500 PAGES BIT DEPTH 24 BITS EXTERNAL 48 BIT INTERNAL LEVEL OF GRAY SCALE 256 SCAN SIZE 216 X 297	
13	DGP108 704	HP Scanner 20G05A/L2 747A	749070521848 3 / HP SCANNER PRO 2500 F1/2600 F1 FLATBED	HP SERVER Pro 2500 F1	1 / EACH/NUMBER	HP Scanner 20G05A/Pro 2500 F1/PRO 2600 F1	NIL	MS ORA-TECH SYSTEM, FOUR SQUARE PLAZA 4TH FLOOR,BUILDING NO 21-A, H.H FAROOQI ROAD OFF TARIQ ROAD, PECHS, BLOCK-II, KARACHI. TELEPHONE NO 021-34535933 FAX NO : 021-34536441	HP		TECHNICAL SPECIFICATION - SCANNER TYPE FLATBED, ADF SCAN RESOLUTION UP TO 600DPI COLOR ADN MONOCHROME,ADF, UPTO 1200DPI, DUTY CYCLE UP TO 1500 PAGES BIT DEPTH 24 BITS EXTERNAL 48 BIT INTERNAL LEVEL OF GRAY SCALE 256 SCAN SIZE 216 X 297 <u>GENERAL</u>	

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											SPECIFICATION - SCANNER TYPE FLATBED, ADF SCAN RESOLUTION UP TO 600DPI COLOR AND MONOCHROME, ADF, UPTO 1200DPI, DUTY CYCLE UP TO 1500 PAGES BIT DEPTH 24 BITS EXTERNAL 48 BIT INTERNAL LEVEL OF GRAY SCALE 256 SCAN SIZE 216 X 297	
14	DNC108103	H-20 or HAMMAR H20 / H20R	4220996606483 / HYDROSTATIC RELEASE UNIT, LIFE SAVING EQUIPMENT / HAMMAR- HYDROSTATIC RELEASE UNIT	EPIRB	6 / EACH/NUMBER	NO DATA AVAILABLE		UK	CM HAMMAR AB AUGUST BARKS GATA-15, SE-42132 VASTRA FROLUM DA, GOTHEN BURG, SWEDEN. PH#+463 17096550 FAX#+46 31497023 INFO@C MHAMMAR. COM, WWW. CMHAMMAR. COM	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - OEM ADD/SOURCE OF AVAILABILITY: CM HAMMAR AB AUGUST BARKS GATA-15, GOTHENBURG, SWEDEN. PH#+46317096550, FAX#+4631497023, info@cmhammar.com, www. cmhammar.com GENERAL SPECIFICATION - OEM ADD/SOURCE OF AVAILABILITY: CM HAMMAR AB AUGUST BARKS GATA-15, GOTHENBURG, SWEDEN. PH#+46317096550, FAX#+4631497023, info@cmhammar.com, www. cmhammar.com	
15	DGP108447	NIL	7435705140006 / MULTIMEDIA PROJECTOR (4000 LUMENS)	MULTIMEDIA PROJECTOR	2 / EACH/NUMBER	PANASONIC PT- VW360 (4000 LUMENS PROJECTOR) OR ABOVE		PK	PAKISTAN		TECHNICAL SPECIFICATION - - GENERAL SPECIFICATION - -	
16	DNZ105100	1600000021	7025775206902 / HDA 4745-A-400	De Donge Excavator B- Type BA 700 Netherlands	6 / EACH/NUMBER	N/A	5082	Shipyard De Donge Flushing Head Office, Harbour No. 5910 Vlissingen-Oost	De Donge Flushing Shipyard (DFY)	TDS/BROCHURE OR PHOTOGRAPH OF	TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -	

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								P.O. Box 240, 4460AE Goes, The Netherlands Tel.: (+31) 113.613.100, Fax.: (+31) 113.613.190 E-mail: info@shipyarddedonge		ITEM MUST BE ENCLOSED WITH QUOTATION		
17	DNF107702	DRS-120 /105D31R/DLS 120	6135755194390 / DRY BATTERY SOLITE MARINE AND CARAVAN 12V 90AH	350 HP OBM ENGINE YAMAHA	3 / EACH/NUMBER	drs-120/DLS 120		SUNGWOO AUTOMOTIVE CO LTD KOREA	SUNGWOO AUTOMOTIVE CO LTD KOREA	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -</u>	
18	DNF106999	ML-1102S-A / ML-1102S-B / RJ-45 PORTS/4V1D	6099785166575 / FIBER MEDIA CONVERTER FOR IP CAMERAS	CCTV SYSTEM (PSS)	12 / PAIR	ML-1102S-A RJ45/4V1D		CETC Mansion No 5 walatong north street, Xicheng District, Beijing China 100120	M/S CETC international Co.Ltd	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> Optical Transceiver model number: ML-1102S-A ML-1102S-B (2 RJ-45 Ports sPEC: transceivers HAVING 100/1000 MBPS (GB) oem: MICROLINK <u>GENERAL SPECIFICATION -</u> Optical Transceiver model number: ML-1102S-A ML-1102S-B (2 RJ-45 Ports sPEC: transceivers HAVING 100/1000 MBPS (GB) oem: MICROLINK	
19	DNJ106907	8M0102482 / 8M0117247	3040715214971 / GEAR HOUSING ASSEMBLY Complete, Silver (Standard XX-Long)(1.75:1)	Mercury OBM Engine	1 / EACH/NUMBER	300 HP Mercury	2B469929	Murcery Marine W6250 Pioneer Road Fond du Lac Wisconsin USA	Murcery Marine USA	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - 12</u> teeth with corresponding spline connection gear ratio: 1.75:01 for verado height case: 8.75 (222 mm) width: 31 (787 mm) length : 53 (1346) weight : 56-62 kg (123-136 lbs) <u>GENERAL SPECIFICATION - 12</u> teeth with corresponding spline connection gear ratio: 1.75:01 for verado height case: 8.75 (222 mm) width: 31 (787 mm) length : 53 (1346) weight : 56-62 kg (123-136 lbs)	
20	SNG107906	00675	5315715220013 / Pin, cotter	CIWS Vulcan Phalanx	50 / EACH/NUMBER	N/A	NA	100 PLASTICS AVE. PITTSFIELD, UNITED STATES Tele No. 413-494-2849 Fax No. 413-494-6413		TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE	<u>TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -</u>	

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										ENCLOSED WITH QUOTATION		
21	DGP108617		599979522644 1 / LED TV 40 INCH	MAXV SMD	1 / EACH/NUMBER			M/S TAIKO UK	M/S TAIKO UK		<u>TECHNICAL SPECIFICATION - MAKE: TCL</u> <u>GENERAL SPECIFICATION - MAKE: TCL</u>	
22	DNF105725	ST4000NM0053/ST4000VX000	702578520784 9 / 4TB SURVEILLANCE HARD DISK-SATA FOR NVR	CCTV System ST4000VX000 CHINA	1 / EACH/NUMBER	ST4000VX000	NA	Seagate Singapore International Headquarters Pte. Ltd. 7000 Ang Mo Kio Avenue 5, Singapore 569877, 65-6485-3888	CHINA	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - Marketing Name: Surveillance HDD Cache Multisegmented (MB): 64 Bytes per Sector : 4096 Cameras Supported : up to 32</u> <u>GENERAL SPECIFICATION - Marketing Name: Surveillance HDD Cache Multisegmented (MB): 64 Bytes per Sector : 4096 Cameras Supported : up to 32</u>	
23	DNF107823	180000011342	614078520781 5 / 12V150Ah Battery(Front-Access)	Rectifier	20 / EACH/NUMBER	ZXDU68S301	ZXDU68S301	M/S ZTE CORPORATION, ZTE PLAZA, KEJI ROAD SOUTH, HI TECH INDUSTRIAL PARK, NANSHAN, DISTRICT SHENZHEN, P.R. CHINA,	China	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - 12V150Ah Battery(Front-Access)</u> <u>GENERAL SPECIFICATION - 12V150Ah Battery(Front-Access)</u>	
24	DGP108450	4003DN	743570513863 2 / PRINTER HP LASER JET	COMPUTER	1 / EACH/NUMBER	NO DATA AVAILABLE		PK	PAKISTAN		<u>TECHNICAL SPECIFICATION - Laser, 266 MHz, RAM 16 MB , 1200 x 12 dpi, 12 ppm(print speed b/w), Pages per month 25000 pages, Paper Type A4/A5/B5/Legal/Envelope, Connectivity Parallel and USB Port Both</u> <u>GENERAL SPECIFICATION - Laser, 266 MHz, RAM 16 MB , 1200 x 12 dpi, 12 ppm(print speed b/w), Pages per month 25000 pages, Paper Type A4/A5/B5/Legal/Envelope, Connectivity Parallel and USB Port Both</u>	
25	DGP108602	4003DN	743570513863 2 / PRINTER	COMPUTER	8 / EACH/NUMBER	NO DATA AVAILABLE		PK	PAKISTAN		<u>TECHNICAL SPECIFICATION - Laser, 266 MHz, RAM 16 MB , 1200</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
			HP LASER JET		UMBER	LE					x 12 dpi, 12 ppm(print speed b/w), Pages per month 25000 pages, Paper Type A4/A5/B5/Legal/Envelope, Connectivity Paraller and USB Port Both <u>GENERAL SPECIFICATION -</u> Laser, 266 MHz, RAM 16 MB , 1200 x 12 dpi, 12 ppm(print speed b/w), Pages per month 25000 pages, Paper Type A4/A5/B5/Legal/Envelope, Connectivity Paraller and USB Port Both	
26	DGP108711	4003DN	743570513863 2 / PRINTER HP LASER JET	COMPUTER	5 / EACH/NUMBER	NO DATA AVAILAB LE		PK		PAKISTAN	<u>TECHNICAL SPECIFICATION -</u> Laser, 266 MHz, RAM 16 MB , 1200 x 12 dpi, 12 ppm(print speed b/w), Pages per month 25000 pages, Paper Type A4/A5/B5/Legal/Envelope, Connectivity Paraller and USB Port Both <u>GENERAL SPECIFICATION -</u> Laser, 266 MHz, RAM 16 MB , 1200 x 12 dpi, 12 ppm(print speed b/w), Pages per month 25000 pages, Paper Type A4/A5/B5/Legal/Envelope, Connectivity Paraller and USB Port Both	
27	DNF105996	4288A	662571513709 5 / CAPACITANCE METER	CAPACITANCE METER	1 / EACH/NUMBER	NO DATA AVAILAB LE		US		AGILENT TECH USA	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION <u>TECHNICAL SPECIFICATION -</u> CONT NO 795042/R802/370486 DT 26 JUN 2008 CAPACITANCE METER MODEL 4288A 1KHZ/MHZ <u>GENERAL SPECIFICATION -</u> CONT NO 795042/R802/370486 DT 26 JUN 2008 CAPACITANCE METER MODEL 4288A 1KHZ/MHZ CAPACITANCE METER	
28	DGP108606		773070517439 1 / LED TV 55 INCH	LED TV	1 / EACH/NUMBER			SAMSUNG		SAMSUNG	<u>TECHNICAL SPECIFICATION -</u> SAMSUNG/CHANGHONG RUBA/TCL LED TV 46/49/50 INCH origin: china <u>GENERAL SPECIFICATION -</u> SAMSUNG/CHANGHONG RUBA/TCL LED TV 46/49/50 INCH	

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											origin: china	
29	DNZ104807	230-02/15	533078515414 8 / RUDDER hydraulic seal size 95x110x9mm	RUDDER	8 / EACH/N UMBER		5154148	MARSON TECHNOLOGIES CO. LTD 108-3 MIN CHUAN ROAD HEIN-TIEN TAIPEI TAIWAN, PROVINCE OF CHINA	MARSON TECHNO LOGIES CO. LTD	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - MARSON TECHNOLOGIES CO. LTD 108-3 MIN CHUAN ROAD HEIN-TIEN TAIPEI TAIWAN, PROVINCE OF CHINA GENERAL SPECIFICATION - MARSON TECHNOLOGIES CO. LTD 108-3 MIN CHUAN ROAD HEIN-TIEN TAIPEI TAIWAN, PROVINCE OF CHINA	
30	DNF102515	local /import	662599194124 0 / ANTI STATIC MAT & STAPS	HIGH CAPABILITY PCB DIAGNOSTIC	20 / EACH/N UMBER	MAT & STAPS		UK	M/S DIAGNOSTIC SYSTEMS HOUSE BEDFORD ROAD PETERSFIELD HAMPSHIRE GU32 3QH, UK FAX.+44 (0)1730 260659	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - GENERAL SPECIFICATION -	
31	DNJ103701	55321-93J00	534076522143 7 / ANODE, PROTECTION	SUZUKI DF300AP 300 HP OBM	24 / EACH/N UMBER	DF300AP	30002P-712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - MAKE: PAK SUZUKI CO LTD ANODE, PROTECTION SUZUKI DF300AP 300 HP OBM GENERAL SPECIFICATION - MAKE: PAK SUZUKI CO LTD ANODE, PROTECTION SUZUKI DF300AP 300 HP OBM	
32	DNF105989	30 PX	663576516844 0 / DENSITY METER	DENSITY METER	1 / EACH/N UMBER	30 PX	CAB 18146	METTLER-TOLEDO ANALYTICAL GMBH CH- 8603 SWITZERLAND	METTLER-TOLEDO ANALYTICAL GMBH CH-8603 SWITZER LAND	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH	TECHNICAL SPECIFICATION - M/S SPEEDY AUTOMATIC PLOT NO 166-A GHULAM ALI MEMON ROAD SINDHI MUSLIM HOUSING SOCIETY KARACHI TEL: 021- 34328859 GENERAL SPECIFICATION - M/S SPEEDY AUTOMATIC PLOT NO 166-A	

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
										QUOTATION	GHULAM ALI MEMON ROAD SINDHI MUSLIM HOUSING SOCIETY KARACHI TEL: 021-34328859	
33	DNF106248	30 PX	6635765168440 / DENSITY METER	DENSITY METER	1 / EACH/NUMBER	30 PX	CAB 18146	METTLER-TOLEDO ANALYTICAL GMBH CH-8603 SWITZERLAND	METTLER-TOLEDO ANALYTICAL GMBH CH-8603 SWITZERLAND	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - M/S SPEEDY AUTOMATIC PLOT NO 166-A GHULAM ALI MEMON ROAD SINDHI MUSLIM HOUSING SOCIETY KARACHI TEL: 021-34328859 <u>GENERAL SPECIFICATION - M/S SPEEDY AUTOMATIC PLOT NO 166-A GHULAM ALI MEMON ROAD SINDHI MUSLIM HOUSING SOCIETY KARACHI TEL: 021-34328859</u>	
34	DNJ105987	15643-93J00	2940765221802 / FILTER, FUEL (L)	SUZUKI DF300AP 300 HP OBM	4 / EACH/NUMBER	DF300AP	30002P-712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - NIL</u> <u>GENERAL SPECIFICATION - NIL</u>	
35	DNJ103815	55321-94910	5340765221434 / ANODE (MAGNESIUM)	SUZUKI DF300AP 300 HP OBM	18 / EACH/NUMBER	DF300AP	30002P-712896	SUZUKI MOTOR CO LTD JAPAN	SUZUKI JAPAN	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - NIL</u> <u>GENERAL SPECIFICATION - NIL</u>	
36	DNF105723	PANASONIC CF-54/gf-52 /CF-51/52 RCBDFBM	7025015497806 / TOUGH BOOK	UFFAQ	5 / EACH/NUMBER	CF-54 / Panasonic		1006,oaza Kadoma-shi, Osaka 571-8501 Japan Ph:+81-3-3437-1121 Web: www.Panasonic.com	Panasonic Japan	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> Panasonic Toughbook CF-54 Intel Corei 5-6300U/7300U vPro Processor, 8GB RAM, 500GB HDD, 14" Active Matrix TFT Colour LCD 1366x 758, Intel HD Graphics 620, Wifi +BT, TPM, USB x 3, LAN (Ethernet Port), HDMI, Windows 10Pro, 1 Year Standard	

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
											Warranty <u>GENERAL SPECIFICATION -</u> Panasonic Toughbook CF-54 Intel Corei 5-6300U/7300U vPro Processor, 8GB RAm, 500GB HDD, 14" Active Matrix TFT Colour LCD 1366x 758, Intel HD Graphics 620, Wifi +BT, TPM, USB x 3, LAN (Ethernet Port), HDMI, Windows 10Pro, 1 Year Standard Warranty	
37	DGP108021	NIL	703570521056 9 / HPE DL 380 GEN-11th 8SFF CTO SERVER (INTEL(R), XEON(R), GOLD-5218)	SERVER DL380 PAKISTAN	1 / EACH/NUMBER	DL380	NA	LOCALY		HP	<u>TECHNICAL SPECIFICATION -</u> 1. HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON(R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5 IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT <u>GENERAL SPECIFICATION -</u> 1. HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON (R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4.	

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
											RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT	
38	DGP108 313	NIL	703570521056 9 / HPE DL 380 GEN-11th 8SFF CTO SERVER (INTEL(R), XEON(R), GOLD-5218)	SERVER DL380 PAKISTAN	1 / EACH/NUMBER	DL380	NA	LOCALY		HP	TECHNICAL SPECIFICATION - 1. HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON(R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5 IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT GENERAL SPECIFICATION - 1. HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON (R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY	

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
											408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT	
39	DGP108068	NIL	703570521056 9 / HPE DL 380 GEN-11th 8SFF CTO SERVER (INTEL(R), XEON(R), GOLD-5218)	SERVER DL380 PAKISTAN	1 / EACH/NUMBER	DL380	NA	LOCALY		HP	<u>TECHNICAL SPECIFICATION - 1.</u> HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON(R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5 IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT <u>GENERAL SPECIFICATION - 1.</u> HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON(R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL	

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
											KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT	
40	DGP108003	NIL	703570521056 9 / HPE DL 380 GEN-11th 8SFF CTO SERVER (INTEL(R), XEON(R), GOLD-5218)	SERVER DL380 PAKISTAN	1 / EACH/NUMBER	DL380	NA	LOCALY		HP	TECHNICAL SPECIFICATION - 1. HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON(R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5 IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT GENERAL SPECIFICATION - 1. HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON(R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03	

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
											YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT	
41	DGP108413	NIL	703570521056 9 / HPE DL 380 GEN-11th 8SFF CTO SERVER (INTEL(R), XEON(R), GOLD-5218)	SERVER DL380 PAKISTAN	1 / EACH/N UMBER	DL380	NA	LOCALY		HP	<u>TECHNICAL SPECIFICATION - 1.</u> HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON(R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5 IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT <u>GENERAL SPECIFICATION - 1.</u> HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON (R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT	

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
42	DGP108041	NIL	703570521056 9 / HPE DL 380 GEN-11th 8SFF CTO SERVER (INTEL(R), XEON(R), GOLD-5218)	SERVER DL380 PAKISTAN	1 / EACH/N UMBER	DL380	NA	LOCALY	HP		TECHNICAL SPECIFICATION - 1. HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON(R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5 IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT GENERAL SPECIFICATION - 1. HPE PROLIANT SERVER DL-380, GEN-11TH, RACK 8SFF CTO SERVER, 2. PROCESSOR: 2 X INTEL(R), XEON (R), GOLD-5218 (3.25GHZ/16-CORE/32T/150W), 3. PROCESSOR KIT FOR HPE PROLIANT DL380 GEN10TH/11TH, 4 X HPE 16 GB DUAL RANK X 8 DDR4-5600 REGISTERED SMART MEMORY KIT 3.8 X HPE 1.2TB SAS 12G ENTERPRISES 10K SFF (2.5IN) SC, P408I-A-RAID, 0.1.5.6.10.60, 4. RAM: 2 X 256 GB. 5. HDD: 08XHP, 1.2TB SSD HPE SMART MEMORY 408I-A 6. POWER SUPPLY: 800W X 2, 7. STANDARD FAN KIT, 8. RAIL KIT 9. CABLE MANAGEMENT ARM FOR RAIL KIT, 10. WARRANTY: 03 YEARS, PARTS 3 YEARS, LABOR 3 YEAR ON SITE SUPPORT	
43	DNF105228	AL-0320SH	299050520587 8 / SHADE	TUBE LIGHT PAKISTAN	10 / EACH/N	NIL	NIL	AL-MEENA MARINE ENGINEERS PLOT NO.	PAKISTAN	TDS/BROCHURE OR	TECHNICAL SPECIFICATION - SHADE COVER,FLUORESCENT	

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
			COVER, FLUORESCEN T TUBE LIGHT-03X20 WATT		UMBER			122-C, KEMARI TOWNSHIP KRMARI KARACHI - PHONE NO 32856521,32850282 FAX. 021-32852598		PHOTOGR APH OF ITEM MUST BE ENCLOSE D WITH QUOTATIO N	TUBE LIGHT-03X20 WATT <u>GENERAL SPECIFICATION - SHADE COVER,FLUORESCENT TUBE LIGHT-03X20 WATT</u>	
44	DNF105751	GRANDST REAB-GXP1620/ BT-100/3626	580501557122 4 / VOIP Phone (Audio)	UFFAQ	2 / EACH/N UMBER	GXP1620/ BT-100		126,Brookline Ave,3rd floor boston,MA-02215 North America. Tel: +1617-566-9300 Fax: +1617-249-1987	Grand Stream Networks	TDS/BROC HURE OR PHOTOGR APH OF ITEM MUST BE ENCLOSE D WITH QUOTATIO N	<u>TECHNICAL SPECIFICATION - As Attached</u> <u>GENERAL SPECIFICATION - As Attached</u>	
45	DGP108441	32D2900	582073520849 6 / 32 INCH LED DISPLAY WITH HDMI & VGA I/P	CCTV System	2 / EACH/N UMBER	32D2900		TCL Electronics Australia Pty Ltd, Address: 797 Springvale Rd, Mulgrave, VIC 3170	M/s TCL Australia		<u>TECHNICAL SPECIFICATION - NO DATA AVAILABLE</u> <u>GENERAL SPECIFICATION - NO DATA AVAILABLE</u>	
46	DNF107951	CAT-6	783070519365 0 / d link 24 AWG 4 pair CAT-6 s/ftp CABLE ROLL (305M / 1000ft)	DAWN NETWORK	2 / ROLL	D-LINK		M/S MICROTECH INC 184, CO-OPERATIVE MARKET SADDAR KARACHI	M/S MICROTECH INC	TDS/BROC HURE OR PHOTOGR APH OF ITEM MUST BE ENCLOSE D WITH QUOTATIO N	<u>TECHNICAL SPECIFICATION - Cable Name: D-Link 24 AWG Cat 6 s/ftp Cable Roll (pic enclosed) Brand: D-Link (4 pair Foilded Twisted Pair (s/FTP) Cable) material: solid bare copper with 24 awg brand: d link (4 pair folded twisted pair (s/ftp) cable. shield: aluminum polyester foil jacket material: pvc ul 94v-0</u> <u>GENERAL SPECIFICATION - Cable Name: D-Link 24 AWG Cat 6 s/FTP Cable Roll (pic enclosed) Brand: D-Link (4 pair Foilded Twisted Pair (s/FTP) Cable) material: solid bare copper with 24 awg brand: d link (4 pair folded twisted pair (s/ftp) cable. shield: aluminum polyester foil jacket material: pvc ul 94v-0</u>	
47	DNF108101	N1537	611070515526 0 / ENERGY SAVER 220V-240V, 11W.	SELF, FOR DISTRIBUTION SYS.	400 / EACH/N UMBER			SOURCE OF AVALIBILITY: PHILIPS CO LTD,ROSHAN ELECTRIC STORE JUPLTER MARKET SERAI ROAD DENSO HALL	PHILIPS CO LTD.	TDS/BROC HURE OR PHOTOGR APH OF ITEM MUST	<u>TECHNICAL SPECIFICATION - SOURCE OF AVALIBILITY: PHILIPS CO LTD,ROSHAN ELECTRIC STORE JUPLTER MARKET SERAI</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
			(screw type)					KARACHI.		BE ENCLOSE D WITH QUOTATIO N	ROAD DENSO HALL KARACHI. PRICE:RS140 PKR. REQ:1000. FOR GENERAL LIGHTING. SPECS:220- 240V 11W. OEM: Pierlite OEM Email: www. Pierlite.com Country of Origin: China. 2. Philips Pakistan Address; K-2/I,11 Main Ch Khaleeq Uz Zaman Road Gizri Karachi 'GENERAL SPECIFICATION - SOURCE OF AVALIBILITY: PHILIPS CO LTD,ROSHAN ELECTRIC STORE JUPLTER MARKET SERAI ROAD DENSO HALL KARACHI. PRICE:RS140 PKR. REQ:1000. FOR GENERAL LIGHTING. SPECS:220- 240V 11W. OEM: Pierlite OEM Email: www. Pierlite.com Country of Origin: China. 2. Philips Pakistan Address; K-2/I,11 Main Ch Khaleeq Uz Zaman Road Gizri Karachi '	
48	DNF105654	T-130	705078520482 8 / SERVER DELL POWER EDGE MODEL T-130 WITH 1 TB SSD HARD DISK AND 16 GB RAM	Call Centre T130	3 / UNIT	T130		2nd floor entrance A, Block 3, Crown Technology Park Tairan 9th Rd#21 Chegongmaio Futain, Shenzhen China	DELL CHINA	TDS/BROC HURE OR PHOTOGR APH OF ITEM MUST BE ENCLOSE D WITH QUOTATIO N	TECHNICAL SPECIFICATION - Extra Spec; 1Tb SSD and with 16 GB RAM GENERAL SPECIFICATION - Extra Spec; 1Tb SSD and with 16 GB RAM	
49	DGP108612	42U PDU	599570517796 8 / 19 INCH WALL MOUNT RACK 42U	CNA LAN NETWORK	2 / EACH/N UMBER			TOTEN	TOTEN		TECHNICAL SPECIFICATION - 19 INCH WALL MOUNT RACK 42U WIDTH 800 MM, DEPTH 1000MM, BLACK, POWDER COATED (FRONT GLASS DOOR , BACK PERFORATED DOOR, 2 REMOVABLE SIDE DOOR , SWG16, SWG 18 , 1 FIX TRAYS , 1 MOVEABLE TRAY , (8 CLIPSAL SOCKET FLAT PIN) PDU , 4 COOLING FANS M/S INBOX TECHNOLOGIES PVT LTD KARACHI GENERAL SPECIFICATION - 19 INCH WALL MOUNT RACK 42U WIDTH 800 MM,	

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
											DEPTH 1000MM, BLACK, POWDER COATED (FRONT GLASS DOOR , BACK PERFORATED DOOR, 2 REMOVABLE SIDE DOOR , SWG16, SWG 18 , 1 FIX TRAYS , 1 MOVEABLE TRAY , (8 CLIPSAL SOCKET FLAT PIN) PDU , 4 COOLING FANS M/S INBOX TECHNOLOGIES PVT LTD KARACHI	
50	SNS104443	111-3422	531001425620 1 / Nut	Caterpillar Emergency DG Marine Genset C 4.4 USA	3 / 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 CATERPILLAR DIV GOVERNMENTAL AND DEFENSE PRODUCTS	TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> <u>GENERAL SPECIFICATION -</u>	
51	DGP108193	NO DATA AVAILABLE	005150000140 3 / Binder Medium F(NS) -101 SIZE 9X12 INCH, Board Texture, Hard & Plyable Thickness 03 mm		41 / EACH/NUMBER						<u>TECHNICAL SPECIFICATION -</u> Size: 9 x 12 inches Hard cover binder with steel clip Quality / Thickness of straw board with rexine: 03mm Golden steel corners at the edges of the cover binders Color of rexine: Navy blue dark Best quality imported rexine with golden foil printing (Data for printing of title will be provided by PN Central Printing Press. NAVCOM: 56050 / 021-48506050) Acceptance Criteria: As per sample provided by PN Central Printing Press <u>GENERAL SPECIFICATION -</u> Size: 9 x 12 inches Hard cover binder with steel clip Quality / Thickness of straw board with rexine: 03mm Golden steel corners at the edges of the cover binders Color of rexine: Navy blue dark Best quality imported rexine with golden foil printing (Data for printing of title will be provided by PN Central Printing Press. NAVCOM:	

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
											56050 / 021-48506050) Acceptance Criteria: As per sample provided by PN Central Printing Press	
52	DGP108331		0575599013392 / TP-ROLL 01 PLY	TP ROLL	303 / ROLL						<u>TECHNICAL SPECIFICATION</u> - technical data of tp roll 01 ply 1- paper : pearl white printing paper. 2- quality/strength of paper: high/good STRENGTH OF PAPER. 3- gsm of paper: 63 ± 5%. 4-width of roll: 8.25 inch 5- length of roll: 78 meter ± 01 meter,in ONE PIECE REQUIRED ONLY. 6- dia of inner core spool: 01 inch. 7- DIA OF outer CORE SPOOL: 1.20 INCH. 8- LENGTH OF CORE SPOOL: 8.25 inch. 9- end protection of core spool by: PLASTic cover on both end of core SPOOL. 10- end indicator to be marked- end INDicator in red colour or green COLOUR. 11- packing - each tp roll WRAPPED/PACKED IN POLYTHENE BAG AND FURTHER 12 TP ROLL ARE PACKED IN A CARD BOARD BOX. 12- tender sample- as per sample to be APPROVED BY STATIONARY BOARD. <u>GENERAL SPECIFICATION</u> - technical data of tp roll 01 ply 1- paper : pearl white printing paper. 2- quality/strength of paper: high/good STRENGTH OF PAPER. 3- gsm of paper: 63 ± 5%. 4- width of roll: 8.25 inch 5- length of roll: 78 meter ± 01 meter,in ONE PIECE REQUIRED ONLY. 6- dia of inner core spool: 01 inch. 7- DIA OF outer CORE SPOOL: 1.20 INCH. 8- LENGTH OF CORE SPOOL: 8.25 inch. 9- end protection of core spool by: PLASTic cover on both end of core SPOOL. 10- end indicator to be marked- end INDicator in red colour or green COLOUR. 11- packing - each tp roll WRAPPED/PACKED IN POLYTHENE BAG AND FURTHER	

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
											12 TP ROLL ARE PACKED IN A CARD BOARD BOX. 12- tender sample- as per sample to be APPROVED BY STATIONARY BOARD.	
53	DNZ105753	R21410	281578503839 4 / JOINT RING STEEL ON CYLINDER LINER 810MMO/D758 MM ID26M=CF005	MAIN ENGINE 8RLB 66 NASR	2 / EACH/N UMBER					TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
54	DNG108098	576139/FS P-0008-12	432000368318 6 / PUMP UNIT CENTRIFUGAL	SELF	1 / EACH/N UMBER					TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - a. Model: 777D – Bronze 777H – Aluminum b. Motor Rating: HP – 5 Phase – 3 Cycle – 60 RPM – 3450 Voltage – 115,220,440 Ac g. Capacity: 140 GPM at 70 ft Total Head 200 GPM at 50 ft Total Head i. Cable: 45 feet of Conductor Type PHOF – 9 (9030 cm) j. Fresh Water Temperature: 1300 f k. Sea Water Temperature: 1300 f Specification: Maximum discharge flow rate: 180.0 GALLON Total Head:50 FEET gallons per minutes Operating speed at rated capacity: 50.000 feet/110. 000 FEET media for which designed: water, salt pumping element operating position: vertical centrifugal pump design: OEM/MANUFACTURERS/CODE: 83590/ STAR ENGINEERING WORKS radial flow centrifugal pump impeller quantity: 1 centrifugal pump impeller suction type: single stage quantity: 1 pump quantity: 1 intake connection quantity: 1 intake connection type: threaded internal INTAKE CONNECTION THREAD SIZE AND SERIES/TYPE DESIGNATOR: 2.500-7 1/2 nh	

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
											DISCHARGE CONNECTION QUANTITY: 1 DISCHARGE CONNECTION TYPE: threaded internal/PIN LOCK SYSTEM DISCHARGE CONNECTION THREAD SIZE AND SERIES/TYPE DESIGNATOR: 2.500-7 1/2 NH/2.5" PRIME MOVER TYPES: electric motor PRIME MOVER COOLING MEDIUM: air/WATER PRIME MOVER QUANTITY: 1 CURRENT TYPE: ac VOLTAGE IN VOLTS: 440 FREQUENCY IN HERTZ: 50/60 HZ PHASE: three CURRENT RATING IN AMPS: 7.5 INCLOSURE TYPE: fully inclosed ENVIRONMENTAL PROTECTION: submersible COOLING METHOD: self ventilated SPECIAL FEATURES: controller has magnetic casing, unit will operate in horizontal or any midway position MAXIMUM DISCHARGE PRESSURE 180 GALLONS PER MINUTES AND ITS TOTAL HEAD IS 50. FEET. <u>GENERAL</u> <u>SPECIFICATION</u> - a. Model: 777D – Bronze 777H – Aluminum b. Motor Rating: HP – 5 Phase – 3 Cycle – 60 RPM – 3450 Voltage – 115,220,440 Ac g. Capacity: 140 GPM at 70 ft Total Head 200 GPM at 50 ft Total Head i. Cable: 45 feet of Conductor Type PHOF – 9 (9030 cm) j. Fresh Water Temperature: 1300 f k. Sea Water Temperature: 1300 f Specification: Maximum discharge flow rate: 180.0 GALLON Total Head: 50 FEET gallons per minutes Operating speed at rated capacity: 50.000 feet/110.000 FEET media for which designed: water, salt pumping element operating position: vertical centrifugal pump design: OEM/MANUFACTURERS/CODE: 83590/ STAR ENGINEERING	

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
											WORKS radial flow centrifugal pump impeller quantity: 1 centrifugal pump impeller suction type: single stage quantity: 1 pump quantity: 1 intake connection quantity: 1 intake connection type: threaded internal INTAKE CONNECTION THREAD SIZE AND SERIES/TYPE DESIGNATOR: 2.500-7 1/2 nh DISCHARGE CONNECTION QUANTITY: 1 DISCHARGE CONNECTION TYPE: threaded internal/PIN LOCK SYSTEM DISCHARGE CONNECTION THREAD SIZE AND SERIES/TYPE DESIGNATOR: 2.500-7 1/2 NH/2.5" PRIME MOVER TYPES: electric motor PRIME MOVER COOLING MEDIUM: air/WATER PRIME MOVER QUANTITY: 1 CURRENT TYPE: ac VOLTAGE IN VOLTS: 440 FREQUENCY IN HERTZ: 50/60 HZ PHASE: three CURRENT RATING IN AMPS: 7.5 INCLOSURE TYPE: fully inclosed ENVIRONMENTAL PROTECTION: submersible COOLING METHOD: self ventilated SPECIAL FEATURES: controller has magnetic casing, unit will operate in horizontal or any midway position MAXIMUM DISCHARGE PRESSURE 180 GALLONS PER MINUTES AND ITS TOTAL HEAD IS 50. FEET.	
55	DNG107 980	576139/FS P-0008-12	432000368318 6 / PUMP UNIT CENTRIFUGAL	SELF	1 / EACH/NUMBER					TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - a. Model: 777D - Bronze 777H - Aluminum b. Motor Rating: HP - 5 Phase - 3 Cycle - 60 RPM - 3450 Voltage - 115,220,440 Ac g. Capacity: 140 GPM at 70 ft Total Head 200 GPM at 50 ft Total Head i. Cable: 45 feet of Conductor Type PHOF - 9 (9030 cm) j. Fresh Water Temperature: 1300 f k. Sea Water Temperature: 1300 f 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
											Maximum discharge flow rate: 180.0 GALLON Total Head:50 FEET gallons per minutes Operating speed at rated capacity: 50.000 feet/110.000 FEET media for which designed: water, salt pumping element operating position: vertical centrifugal pump design: OEM/MANUFACTURERS/CODE: 83590/ STAR ENGINEERING WORKS radial flow centrifugal pump impeller quantity: 1 centrifugal pump impeller suction type: single stage quantity: 1 pump quantity: 1 intake connection quantity: 1 intake connection type: threaded internal INTAKE CONNECTION THREAD SIZE AND SERIES/TYPE DESIGNATOR: 2.500-7 1/2 nh DISCHARGE CONNECTION QUANTITY: 1 DISCHARGE CONNECTION TYPE: threaded internal/PIN LOCK SYSTEM DISCHARGE CONNECTION THREAD SIZE AND SERIES/TYPE DESIGNATOR: 2.500-7 1/2 NH/2.5" PRIME MOVER TYPES: electric motor PRIME MOVER COOLING MEDIUM: air/WATER PRIME MOVER QUANTITY: 1 CURRENT TYPE: ac VOLTAGE IN VOLTS: 440 FREQUENCY IN HERTZ: 50/60 HZ PHASE: three CURRENT RATING IN AMPS: 7.5 INCLOSURE TYPE: fully inclosed ENVIRONMENTAL PROTECTION: submersible COOLING METHOD: self ventilated SPECIAL FEATURES: controller has magnetic casing, unit will operate in horizontal or any midway position MAXIMUM DISCHARGE PRESSURE 180 GALLONS PER MINUTES AND ITS TOTAL HEAD IS 50. FEET. <u>GENERAL SPECIFICATION</u> - a. Model: 777D -	

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
											Bronze 777H – Aluminum b. Motor Rating: HP – 5 Phase – 3 Cycle – 60 RPM – 3450 Voltage – 115,220,440 Ac g. Capacity: 140 GPM at 70 ft Total Head 200 GPM at 50 ft Total Head i. Cable: 45 feet of Conductor Type PHOF – 9 (9030 cm) j. Fresh Water Temperature: 1300 f k. Sea Water Temperature: 1300 f Specification: Maximum discharge flow rate: 180.0 GALLON Total Head: 50 FEET gallons per minutes Operating speed at rated capacity: 50.000 feet/110.000 FEET media for which designed: water, salt pumping element operating position: vertical centrifugal pump design: OEM/MANUFACTURERS/CODE: 83590/ STAR ENGINEERING WORKS radial flow centrifugal pump impeller quantity: 1 centrifugal pump impeller suction type: single stage quantity: 1 pump quantity: 1 intake connection quantity: 1 intake connection type: threaded internal INTAKE CONNECTION THREAD SIZE AND SERIES/TYPE DESIGNATOR: 2.500-7 1/2 nh DISCHARGE CONNECTION QUANTITY: 1 DISCHARGE CONNECTION TYPE: threaded internal/PIN LOCK SYSTEM DISCHARGE CONNECTION THREAD SIZE AND SERIES/TYPE DESIGNATOR: 2.500-7 1/2 NH/2.5" PRIME MOVER TYPES: electric motor PRIME MOVER COOLING MEDIUM: air/WATER PRIME MOVER QUANTITY: 1 CURRENT TYPE: ac VOLTAGE IN VOLTS: 440 FREQUENCY IN HERTZ: 50/60 HZ PHASE: three CURRENT RATING IN AMPS: 7.5 INCLOSURE TYPE: fully inclosed ENVIRONMENTAL PROTECTION: submersible	

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
											COOLING METHOD: self ventilated SPECIAL FEATURES: controller has magnetic casing, unit will operate in horizontal or any midway position MAXIMUM DISCHARGE PRESSURE 180 GALLONS PER MINUTES AND ITS TOTAL HEAD IS 50. FEET.	
56	DGP108709		3610705117912 / SHREDDING MACHINE (HEAVY DUTY)	SHREDDER MACHINE	1 / EACH/NUMBER	ST-12C/ST-12CD					TECHNICAL SPECIFICATION - ST-12C/ST-12CD GENERAL SPECIFICATION - ST-12C/ST-12CD	
57	DGP108603	CP1525N/CP1515N/HP COLOR LASER 150A PRINTER 4ZB94A	3610705061120 / HP COLOR LASER JET CP1515N PRINTER	SELF/ANY COMPUTER OR LAPTOP	1 / EACH/NUMBER	CP1515N/HP COLOR LASER 150A PRINTER 4ZB94A					TECHNICAL SPECIFICATION - SPECIFICATION: a. Model name & series number : HP Color Laser Jet Printer Pro M155a b. Print quality: 600 x 600 dpi c. Paper handling: 150 Sheet input tray 1. d. Paper sizes: A4, Letter, etc e. Toner Uses: HP 215A Series cartridges f. Size & weight: 392 x 435 x 244.2 mm & 13.3 kg g. Power supply: 220V-240V AC, 50/60 Hz (A)TYPE:COLOR. (B) PRINT TECHNOLOGY:COLOR LASER. (C)PROCESSOR SPEED: 450 MHZ. (D)STANDARD RAM:96 MB. (E)MAX RAM:352 MB. (F) RESOLUTION:600X600 dpi. (G) PRINT SPEED COLOR:8ppm. (H) PRINT SPEED B/W:12 PPM. PRICE OF LASER JET CP1515 RS:46,490/-. GENERAL SPECIFICATION - SPECIFICATION: a. Model name & series number : HP Color Laser Jet Printer Pro M155a b. Print quality: 600 x 600 dpi c. Paper handling: 150 Sheet input tray 1. d. Paper sizes: A4, Letter, etc e. Toner Uses: HP 215A Series cartridges f. Size & weight: 392 x 435 x 244.2 mm & 13.3 kg g. Power supply: 220V-240V AC, 50/60 Hz (A)TYPE:COLOR. (B) PRINT TECHNOLOGY:COLOR LASER. (C)PROCESSOR SPEED:	

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
											450 MHZ. (D)STANDARD RAM:96 MB. (E)MAX RAM:352 MB. (F) RESOLUTION:600X600 dpi. (G) PRINT SPEED COLOR:8ppm. (H) PRINT SPEED B/W:12 PPM. PRICE OF LASER JET CP1515 RS:46,490/-.	
58	DNG104922	S3608S512 / 308SFFC	3110001982419 / BEARING BALL ANNULAR SZ 40.00X90.00MMX1.4375IN	BRINE PUMP MOTOR	1 / EACH/NUMBER					TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
59	DGP108442	G2102560 EU	3610705091304 / SHREDDING MACHINE, GBC DUO (SHRED MASTER)		8 / EACH/NUMBER						TECHNICAL SPECIFICATION - TECHNICAL SPECS/FEATURES/BENEFITS: 1. SHRED SIZE: 4 x 45mm Confetti Cut, 2. SHRED SPEED: 2.5/M.MIN, 3. DIN Security Level S3 for medium security, 4. DIMENSIONS (HXWXD): 400X365X257MM, 5. WORKING WIDTH: 220MM, 6. Maximum 11 sheets (70g) of paper in a single pass, 7. Compact size for use under desk, 8. Bin window alerts user when bin needs emptying, 9. Shred staples, paper clips, credit cards and CDs. GENERAL SPECIFICATION - TECHNICAL SPECS/FEATURES/BENEFITS: 1. SHRED SIZE: 4 x 45mm Confetti Cut, 2. SHRED SPEED: 2.5/M.MIN, 3. DIN Security Level S3 for medium security, 4. DIMENSIONS (HXWXD): 400X365X257MM, 5. WORKING WIDTH: 220MM, 6. Maximum 11 sheets (70g) of paper in a single pass, 7. Compact size for use under desk, 8. Bin window alerts user when bin needs emptying, 9. Shred staples, paper clips, credit cards and	

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
											CDs.	
60	SNG107908	5000S4823F841499 REVG	473000926962 6 / STRAINER SEDIMENT SIZE 1/1/2 INCH BRONZE	HPAC	14 / EACH/N UMBER					TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION</u> - 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 <u>GENERAL SPECIFICATION</u> - 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	
61	DNG104123	MPN=P C 451	535000192504 7 / CLOTH ABRASIVE		10 / EACH/N UMBER					TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION</u> - NO DATA AVAILABLE <u>GENERAL SPECIFICATION</u> - NO DATA AVAILABLE	
62	DNG103816	MPN=P C 451	535000192504 7 / CLOTH ABRASIVE		10 / EACH/N UMBER					TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION</u> - NO DATA AVAILABLE <u>GENERAL SPECIFICATION</u> - NO DATA AVAILABLE	
63	DGP108614		580570505869 2 / FAX MACHINE	FAX MACHINE	2 / EACH/N UMBER	LATEST MODEL/k x-ft907cx					<u>TECHNICAL SPECIFICATION</u> - A. Brothers FAX-2840 B. Modern speed 33.6 KBPS with automatic fallback C. Memory 16 MB D. Toner cartridge approx. 1,200 pages (A4) E. Drum cartridge approx. 12,000 pages (A4) F. Monochrome laser printing process G. Paper tray up to 400	

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
											sheets H. Printer, copier, scan & fax functions <u>GENERAL SPECIFICATION</u> - A. Brothers FAX-2840 B. Modem speed 33.6 KBPS with automatic fallback C. Memory 16 MB D. Toner cartridge approx. 1,200 pages (A4) E. Drum cartridge approx. 12,000 pages (A4) F. Monochrome laser printing process G. Paper tray up to 400 sheets H. Printer, copier, scan & fax functions	
64	SNG107909	NO DATA AVAILABLE	5920008514737 / FUSE NORMAL BLOW, CERAMIC BODY, 2AMP250V,7.1X32MM		453 / EACH/NUMBER					TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION</u> - NO DATA AVAILABLE <u>GENERAL SPECIFICATION</u> - NO DATA AVAILABLE	
65	DGP106929	NO DATA AVAILABLE	0462500000025 / PAPER WRAPPING KRAFT BROWN SIZE: 30X45X0.005		1518 / SHEET	NO DATA AVAILABLE					<u>TECHNICAL SPECIFICATION</u> - SIZE: LENGTH: 30 INCH WIDTH: 45 INCH THICKNESS: 0.005 INCH WEIGHT: 65 GSM + 5% PACKING: 1000 SHEET IN BOX <u>GENERAL SPECIFICATION</u> - SIZE: LENGTH: 30 INCH WIDTH: 45 INCH THICKNESS: 0.005 INCH WEIGHT: 65 GSM + 5% PACKING: 1000 SHEET IN BOX	
66	DNF106283	LDH 0615/00	6710PK5072899 / WIPER UNIT MODEL NO.LDH 0615/00		3 / EACH/NUMBER	LDH 0615/00				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION</u> - NO DATA AVAILABLE <u>GENERAL SPECIFICATION</u> - NO DATA AVAILABLE	
67	DGP106986	SONY/SAMSUNG/LG/TCL 20, 21,18, 32 INCH	7730705059182 / LED 32 INCH		1 / EACH/NUMBER						<u>TECHNICAL SPECIFICATION</u> - NO DATA AVAILABLE <u>GENERAL 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
68	DGP108333	F(MD)-67	7530705049260 / F(MD)-67 LOCAL PURCHASE OF MEDICINES (COLOR "Y", "P", "W", "G") BOOK OF 400 PAGES		120 / PAD						<u>TECHNICAL SPECIFICATION -</u> PAPER COLOR= (YELLOW, PINK, WHITE, GREY), PAPER WEIGHT= GSM: 48 ± 5% BOOK OF 400 PAGES, REQUIRED IN PAD, <u>GENERAL SPECIFICATION -</u> PAPER COLOR= (YELLOW, PINK, WHITE, GREY), PAPER WEIGHT= GSM: 48 ± 5% BOOK OF 400 PAGES, REQUIRED IN PAD,	
69	DGP108336	NO DATA AVAILABLE	0461500000118 / TARGET PAPER		1500 / EACH/NUMBER	NO DATA AVAILABLE					<u>TECHNICAL SPECIFICATION - 1.</u> Target: Figure-II Height: 04 Feet 2 inches Width: 20 inches Paper: Target Paper 2. TARGET: FIGURE-II HEIGHT: 04 FEET WIDTH: 17 INCHES PAPER: TARGET PAPER 3. TARGET: Pistol Target HEIGHT: 21.5 inches WIDTH: 22 INCHES PAPER: TARGET PAPER 4. TARGET: PISTOL TARGET HEIGHT: 21.5 INCHES WIDTH: 22 INCHES PAPER: TARGET PAPER GENERAL SPECIFICATION - 1. Target: Figure-II Height: 04 Feet 2 inches Width: 20 inches Paper: Target Paper 2. TARGET: FIGURE-II HEIGHT: 04 FEET WIDTH: 17 INCHES PAPER: TARGET PAPER 3. TARGET: Pistol Target HEIGHT: 21.5 inches WIDTH: 22 INCHES PAPER: TARGET PAPER 4. TARGET: PISTOL TARGET HEIGHT: 21.5 INCHES WIDTH: 22 INCHES PAPER: TARGET PAPER	
70	DNF106886	HU953UV	8040705009081 / ARALDITE AW 106 HARDNER	EM LOG	13 / EACH/NUMBER					TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> Colour (visual) Neutral Pale yellow Specific gravity ca.1.15 ca. 0.95 ca. 1.05 Viscosity at 25 C 30-50 20-35 30-45 Pot Life (100 gm at 25 C) ca. 100 minutes <u>GENERAL SPECIFICATION -</u> Colour (visual) Neutral Pale yellow Specific gravity ca.1.15 ca. 0.95 ca. 1.05 Viscosity at 25 C 30-50 20-35 30-45 Pot Life (100 gm at 25 C) ca.100 minutes	

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
71	DGP108615		749070504130 8 / PLAIN PAPER COPIER STANDARIZED MEDIUM DUTY	OFFICE MACHINE	1 / EACH/NUMBER	CPM 25					TECHNICAL SPECIFICATION - TOSHIBA DIGITAL PHOTO-COPIER MODEL: e-Studio 2523A---- (25 Copies Per Minute, Built-in GDI Printer, Color Scanner, Electronic Sorting, 250 Sheets x1 Drawer, 100 Sheets Stack Feed By- Pass, 256 MB Memory, Copy Size A3, Multiple Copying 1-999 & Zoom 25%-400%). COMPANY NAME: TOSHIBA e-STUDIO GENERAL SPECIFICATION - TOSHIBA DIGITAL PHOTO-COPIER MODEL: e-Studio 2523A---- (25 Copies Per Minute, Built-in GDI Printer, Color Scanner, Electronic Sorting, 250 Sheets x1 Drawer, 100 Sheets Stack Feed By- Pass, 256 MB Memory, Copy Size A3, Multiple Copying 1-999 & Zoom 25%-400%). COMPANY NAME: TOSHIBA e-STUDIO	
72	DGP108703	NO DATA AVAILABLE	743570511487 0 / PERSONAL COMPUTER DUAL CORE/I3/CORE I7 (AS PER NHQ APPROVED SPEC)	SELF	1 / SET						TECHNICAL SPECIFICATION - SPECIFICATION OF PC: 1. HP/DELL CORE I7 SYSTEM OR HIGHER EQUIVALENT. 2. CPU TECHNOLOGY: INTEL @ CORE I7 (12TH GENERATION OR ABOVE) (MINIMUM 2.4 TO 4.7 GHZ OR ABOVE), 3. SYSTEM MEMORY: 16 GB RAM DDR3/DDR4 4. HARD DISK: 01 TB SSD 5. OPTICAL DISK DRIVE: DVD RW 6. KEYBOARD: WIRED/USB 7. MOUSE: WIRED/USB 8. LED: 18.5" HDMI DISPLAY 9. LAN: ETHERNET CARD: 10/100/1000 MBPS 10. WARRANTY: 3 YEARS 11. OPERATING SYSTEM: WINDOWS (LICENSED VERSION WINDOW-10 OR ABOVE). 12. GRAPHICS: INTEL @ HD GRAPHICS 750, (MINIMUM 2 GB SHARED/ DEDICATED GRAPHIC CARD) 13. MISCELLANEOUS REQUIREMENTS: A. OEM SEALED	

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
											GENUINE PC. B. AUTHORIZED DEALER/ OEM COC. C. CERTIFICATE OF GENUINENESS. D. ONLINE PC VERIFICATION. E. PC WITHOUT MODIFICATION/ UPGRADATION. F. PC WITHOUT WIFI & BLUETOOTH IS REQUIRED. <u>GENERAL SPECIFICATION -</u> SPECIFICATION OF PC: 1. HP/DELL CORE I7 SYSTEM OR HIGHER EQUIVALENT. 2. CPU TECHNOLOGY: INTEL @ CORE I7 (12TH GENERATION OR ABOVE) (MINIMUM 2.4 TO 4.7 GHZ OR ABOVE), 3. SYSTEM MEMORY: 16 GB RAM DDR3/DDR4 4. HARD DISK: 01 TB SSD 5. OPTICAL DISK DRIVE: DVD RW 6. KEYBOARD: WIRED/USB 7. MOUSE: WIRED/USB 8. LED: 18.5" HDMI DISPLAY 9. LAN: ETHERNET CARD: 10/100/1000 MBPS 10. WARRANTY: 3 YEARS 11. OPERATING SYSTEM: WINDOWS (LICENSED VERSION WINDOW-10 OR ABOVE). 12. GRAPHICS: INTEL @ HD GRAPHICS 750, (MINIMUM 2 GB SHARED/ DEDICATED GRAPHIC CARD) 13. MISCELLANEOUS REQUIREMENTS: A. OEM SEALED GENUINE PC. B. AUTHORIZED DEALER/ OEM COC. C. CERTIFICATE OF GENUINENESS. D. ONLINE PC VERIFICATION. E. PC WITHOUT MODIFICATION/ UPGRADATION. F. PC WITHOUT WIFI & BLUETOOTH IS REQUIRED.	
73	DGP108 200		751070504225 7 / PLAIN PAPER (OFFSET) VRG SHEET 80 GSM SIZE 27X24 INCH		1 / REAM						<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
74	DGP108334	NO DATA AVAILABLE	0050500000159 / REGISTER RULED WHITE 01-QR		1309 / EACH/NUMBER	NO DATA AVAILABLE					TECHNICAL SPECIFICATION - GSM70±5% 96 PAGES, SIZE: A-4, 210X297MM, 1. PN CREST AS PER DRAWING TO BE PRINTED ON FRONT SIDE. 2. CONTRACT NUMBER & DATE TO BE PRINTED ON BACK SIDE OF EACH REGISTER. 3. BINDING CLOTH 100% COTTON, COLOUR SHADE OXFORD BLUE NO.105 OF BS-381C TO BE USED. 4. 2.5± 0.5MM THICK CARD BOARD HARD & FIRM IN TEXTURE TO BE USED. 5. INCLUDING TWO SHEETS PASTED ON CARD BOARD, WITH DISBANDING CLOTH. 6. FOUNTAIN INK PRINT SHOULD NOT BE SEEN OR APPEARED ON BACK SIDE. 7. FOUNTAIN INK SHOULD NOT BE SPREAD ON PAGE. 8. BLANK PAPER (WITHOUT LINES) SHOULD NOT BINDED. 9. BINDING THREAD 100% COTTON OF COUNT 3/7 & BREAKING STRENGTH 08 LBS TO BE USED AND STITCHED BY HAND WITH CUT BOUND. 10. COTTON CLOTH STRIP 2.5 INCH-WIDE WITH SUITABLE LENGTH PASSED THROUGH BENEATH THE REGISTER AND PASSED ON BOTH CARD BOARDS. 11. FIRM IS TO PROVIDE ADVANCE SAMPLE AT THE TIME OF TECHNICAL OPENING FOR ACCEPTANCE BY STATIONERY BOARD/TSR COMMITTEE. GENERAL SPECIFICATION - GSM70±5% 96 PAGES, SIZE: A-4, 210X297MM, 1. PN CREST AS PER DRAWING TO BE PRINTED ON FRONT SIDE. 2. CONTRACT NUMBER & DATE TO BE PRINTED ON BACK SIDE OF EACH REGISTER. 3. BINDING CLOTH 100% COTTON, COLOUR SHADE OXFORD BLUE NO.105 OF	

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
											BS-381C TO BE USED. 4. 2.5± 0.5 MM THICK CARD BOARD HARD & FIRM IN TEXTURE TO BE USED. 5. INCLUDING TWO SHEETS PASTED ON CARD BOARD, WITH DISBANDING CLOTH. 6. FOUNTAIN INK PRINT SHOULD NOT BE SEEN OR APPEARED ON BACK SIDE. 7. FOUNTAIN INK SHOULD NOT BE SPREAD ON PAGE. 8. BLANK PAPER (WITHOUT LINES) SHOULD NOT BINDED. 9. BINDING THREAD 100% COTTON OF COUNT 3/7 & BREAKING STRENGTH 08 LBS TO BE USED AND STITCHED BY HAND WITH CUT BOUND. 10. COTTON CLOTH STRIP 2.5 INCH-WIDE WITH SUITABLE LENGTH PASSED THROUGH BENEATH THE REGISTER AND PASSED ON BOTH CARD BOARDS. 11. FIRM IS TO PROVIDE ADVANCE SAMPLE AT THE TIME OF TECHNICAL OPENING FOR ACCEPTANCE BY STATIONERY BOARD/TSR COMMITTEE.	
75	DNF105283	2 X 2LSH20 (LIMO2)	613574511886 7 / LITHIUM BATTERY PACK7.2 VOLTS LSH 20 (LiMnO2)	RESCUER SART	1 / EACH/NUMBER					TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - NO DATA AVAILABLE GENERAL SPECIFICATION - NO DATA AVAILABLE	
76	SNG107910	ACB/MCC B 600A	000050000082 7 / AIR CIRCUIT BREAKER 600AMPS 500 VOLTS AC3PHASE 60HZ FUJIEA60		2 / EACH/NUMBER	EG603C				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - 600 AMP (03 PHASE) 500 VOLTS AC (50/60 HZ) OVERLAD SHORT CIRCUIT TRIP (AIR BREAKER) TRIP TYPE: THERMAL MAGNETIC OR ELECTRONIC TRIP UNIT PANEL OR SWITCHBOARD MOUNT IEC/UL TYPE PROTECTION 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
											SPECIFICATION - 600 AMP (03 PHASE) 500 VOLTS AC (50/60 HZ) OVERLAD SHORT CIRCUIT TRIP (AIR BREAKER) TRIP TYPE: THERMAL MAGNETIC OR ELECTRONIC TRIP UNIT PANEL OR SWITCHBOARD MOUNT IEC/UL TYPE PROTECTION	
77	DGP105442	815100-B21	5998016718231 / HEWLETT PACKARD ENTERPRISES 32GB RAM (1x32GB) DUAL RANK X 4 DDR4-2666 CAS-19-19-19, REGISTERED SMART MEMORY KIT)		4 / EACH/NUMBER	DDR4-2666					TECHNICAL SPECIFICATION - HEWLETT PACKARD ENTERPRISES 32GB RAM (1x32GB) DUAL RANK X 4 DDR4-2666 CAS-19-19-19, REGISTERED SMART MEMORY KIT GENERAL SPECIFICATION - HEWLETT PACKARD ENTERPRISES 32GB RAM (1x32GB) DUAL RANK X 4 DDR4-2666 CAS-19-19-19, REGISTERED SMART MEMORY KIT	
78	DNZ104570	ITD/FHH-1-3-GC-25	4720585344959 / HYDRAULIC PUMP TEMPERATURE SENSOR HOSE 3'		3 / EACH/NUMBER	FHH-1-3-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - • WORKING HYDRAULIC PRESSURE OF 280 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH 04 BOLT SAE FLANGE CLAMP (6000 PSI SERIES) ON BOTH ENDS WITH SIZE OF DN 32. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON ONE END AND SAE 90 DEGREE ADAPTER ON OTHER END OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 25 (PARKER SERIES) • LENGTH: 5.5 FEET. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE CRITICAL PARAMETER: HIGH HYDRAULIC	

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 UPTO 300 BAR OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 300 BAR • FLUID TEMPERATURE OF MAX TILL 80C • AMBIENT TEMPERATURE TILL 50C. Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with hose connecting with temperature sensor. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH TEMPERATURE SENSORS INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO TEMPERATURE SENSOR FOR SUBSEQUENT MONITORING OF OIL TEMPERATURE. <u>GENERAL SPECIFICATION</u> -- • WORKING HYDRAULIC PRESSURE OF 280 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH 04 BOLT SAE FLANGE CLAMP (6000 PSI SERIES) ON BOTH ENDS WITH SIZE OF DN 32. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON ONE END AND SAE 90 DEGREE ADAPTER ON OTHER END OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 25 (PARKER SERIES) • LENGTH: 5.5 FEET. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES.	

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 SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 300 BAR OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 300 BAR • FLUID TEMPERATURE OF MAX TILL 80C • AMBIENT TEMPERATURE TILL 50C. Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with hose connecting with temperature sensor. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH TEMPERATURE SENSORS INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO TEMPERATURE SENSOR FOR SUBSEQUENT MONITORING OF OIL TEMPERATURE.	
79	DNZ104576	itd/fhh-2-10.6-gc-25	472058534492 2 / Slew Block to Rotor Assembly P Out Hose		2 / EACH/NUMBER	FHH-2-10.6-GC-25					TECHNICAL SPECIFICATION - • WORKING HYDRAULIC PRESSURE OF 340 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON ONE AND 90 DEGREE FITTING ON OTHER SIDE OF GRADE ISO 6162-2 PARKER SERIES. • BOTH SIDES ARE EQUIPPED WITH SAE FOUR BOLT FLANGES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 51 (PARKER SERIES) • 04 X HOSES COMING OUT OF SLEW BLOCK WITH A LENGTH OF 10 FEET AND IDENTIFICATION AS P1-	

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
											OUT, P2-OUT, P3-OUT AND P4-OUT DIMENTION LENGTH 10'.6" DIA 2" WORKING PRESSURE 420 BAR . HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 450 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C • Slew block is installed in pedestal area for delivering hydraulic oil to upper carriage excavator control manifolds through rotor assembly for subsequent satisfactory operation of excavator. • Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF SLEW BLOCK AT PEDESTAL AREA CONNECTING WITH ROTOR ASSEMBLY IN SLEW COMPARTMENT ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE HYDRAULIC OIL FROM SLEW BLOCK TO ROTOR ASSEMBLY FOR SUBSEQUENT OPERATION OF EXCAVATOR <u>GENERAL SPECIFICATION -</u> • WORKING HYDRAULIC PRESSURE OF 340 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON ONE AND 90 DEGREE FITTING ON	

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
											OTHER SIDE OF GRADE ISO 6162-2 PARKER SERIES. • BOTH SIDES ARE EQUIPPED WITH SAE FOUR BOLT FLANGES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 51 (PARKER SERIES) • 04 X HOSES COMING OUT OF SLEW BLOCK WITH A LENGTH OF 10 FEET AND IDENTIFICATION AS P1-OUT, P2-OUT, P3-OUT AND P4-OUT DIMENTION LENGTH 10'.6" DIA 2" WORKING PRESSURE 420 BAR . HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 450 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C • Slew block is installed in pedestal area for delivering hydraulic oil to upper carriage excavator control manifolds through rotor assembly for subsequent satisfactory operation of excavator. • Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF SLEW BLOCK AT PEDESTAL AREA CONNECTING WITH ROTOR ASSEMBLY IN SLEW COMPARTMENT ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE HYDRAULIC OIL	

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
											FROM SLEW BLOCK TO ROTOR ASSEMBLY FOR SUBSEQUENT OPERATION OF EXCAVATOR	
80	DNT104879	3950140903	5340735308510 / CHANNEL PLATE		4 / EACH/NUMBER	NA				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
81	DNZ104582	ITD/fhh-2-14-gc-25	4720585344958 / slew block to return manifold t hose		3 / EACH/NUMBER	FHH-2-14-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - • WORKING HYDRAULIC PRESSURE OF 200 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • BOTH SIDES ARE EQUIPPED WITH SAE FOUR BOLT SPLIT FLANGES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 63 (PARKER SERIES) • 02 X HOSES COMING OUT OF SLEW BLOCK WITH A LENGTH OF 05 FEET AND IDENTIFICATION AS T1 AND T2. • Slew block is installed in pedestal area for satisfactory operation of excavator. • Return oil from slew manifold is connecting with the return manifold for subsequent re-usage of hydraulic oil or to return tank. • Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 350 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 3000 PSI OF HYDRAULIC PRESSURE. CRITICAL	

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
											PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 200 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 200 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF SLEW BLOCK AT PEDESTAL AREA CONNECTING WITH RETURN MANIFOLD ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE PASSAGE OF THE HYDRAULIC OIL FROM SLEW BLOCK TO RETURN MANIFOLD FOR SUBSEQUENT OPERATION OF EXCAVATOR <u>GENERAL SPECIFICATION</u> - • WORKING HYDRAULIC PRESSURE OF 200 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • BOTH SIDES ARE EQUIPPED WITH SAE FOUR BOLT SPLIT FLANGES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 63 (PARKER SERIES) • 02 X HOSES COMING OUT OF SLEW BLOCK WITH A LENGTH OF 05 FEET AND IDENTIFICATION AS T1 AND T2. • Slew block is installed in pedestal area for satisfactory operation of excavator. • Return oil from slew manifold is connecting with the return manifold for subsequent re-usage of hydraulic oil or to return tank. • Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 350 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON	

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
82	DNZ104577	ITD/fhh-2.5-5.8-gc-25	472058534492 1 / Hydraulic pump Reducing Block Hose		3 / EACH/NUMBER	FHH-2.5-5.8-GC-25					INSTALLATION OF HOSES MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 3000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 200 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 200 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF SLEW BLOCK AT PEDESTAL AREA CONNECTING WITH RETURN MANIFOLD ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE PASSAGE OF THE HYDRAULIC OIL FROM SLEW BLOCK TO RETURN MANIFOLD FOR SUBSEQUENT OPERATION OF EXCAVATOR	
											<u>TECHNICAL SPECIFICATION -</u> • WORKING HYDRAULIC PRESSURE OF 340 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • EACH HOSE COMING OUT OF HP PUMP IS OF DIFFERENT LENGTH • LENGTH PUMP 1/2/3/4: 4 FT • LENGTH PUMP 5: 3.10 FT • LENGTH PUMP 8/6: 3.6 FT HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL	

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
											PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with hose connecting with reducing block for subsequent satisfactory operation of HP Pumps. <u>GENERAL SPECIFICATION</u> - • WORKING HYDRAULIC PRESSURE OF 340 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • EACH HOSE COMING OUT OF HP PUMP IS OF DIFFERENT LENGTH • LENGTH PUMP 1/2/3/4: 4 FT • LENGTH PUMP 5: 3.10 FT • LENGTH PUMP 8/6: 3.6 FT HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C Hydraulic pumps are installed	

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
											onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with hose connecting with reducing block for subsequent satisfactory operation of HP Pumps.	
83	DNZ104568	ITD/FHH-4-4.8-GC-25	472058534502 2/ HYDRAULIC PUMP TEMP SENSOR HOSE 4'8"		7 / EACH/NUMBER	FHH-4-4.8-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - WORKING HYDRAULIC PRESSURE OF 280 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH 04 BOLT SAE FLANGE CLAMP (6000 PSI SERIES) ON BOTH ENDS WITH SIZE OF DN 32. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON ONE END AND SAE 90 DEGREE ADAPTER ON OTHER END OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 25 (PARKER SERIES) • LENGTH: 5.5 FEET HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. 1. MATERIAL SPECIFICATIONS : FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE 2. CRITICAL PARAMETER : HIGH HYDRAULIC PRESSURE UPTO 300 BAR 3. OPERATING PARAMETERS : • WORKING HYDRAULIC PRESSURE UPTO 300 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C HYDRAULIC PUMPS ARE INSTALLED ONBOARD PN PLATFORM, DELIVERING HYDRAULIC OIL TO PUMP SELECTION MANIFOLD AS PER THE SELECTION OF THE PUMP	

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
											UPON REQUIREMENT THROUGH PLC. THE PUMP ARE EQUIPPED WITH HOSE CONNECTING WITH TEMPERATURE SENSOR. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH TEMPERATURE SENSORS INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO TEMPERATURE SENSOR FOR SUBSEQUENT MONITORING OF OIL TEMPERATURE. 1. MATERIAL SPECIFICATIONS : FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE 2. CRITICAL PARAMETER : HIGH HYDRAULIC PRESSURE UPTO 300 BAR 3. OPERATING PARAMETERS : • WORKING HYDRAULIC PRESSURE UPTO 300 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C <u>GENERAL SPECIFICATION -</u> WORKING HYDRAULIC PRESSURE OF 280 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH 04 BOLT SAE FLANGE CLAMP (6000 PSI SERIES) ON BOTH ENDS WITH SIZE OF DN 32. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON ONE END AND SAE 90 DEGREE ADAPTER ON OTHER END OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 25 (PARKER SERIES) • LENGTH: 5.5 FEET HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE	

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
											CARRIED OUT UPON INSTALLATION OF HOSES. 1. MATERIAL SPECIFICATIONS : FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE 2. CRITICAL PARAMETER : HIGH HYDRAULIC PRESSURE UPTO 300 BAR 3. OPERATING PARAMETERS : • WORKING HYDRAULIC PRESSURE UPTO 300 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C HYDRAULIC PUMPS ARE INSTALLED ONBOARD PN PLATFORM, DELIVERING HYDRAULIC OIL TO PUMP SELECTION MANIFOLD AS PER THE SELECTION OF THE PUMP UPON REQUIREMENT THROUGH PLC. THE PUMP ARE EQUIPPED WITH HOSE CONNECTING WITH TEMPERATURE SENSOR. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH TEMPERATURE SENSORS INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO TEMPERATURE SENSOR FOR SUBSEQUENT MONITORING OF OIL TEMPERATURE. 1. MATERIAL SPECIFICATIONS : FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE 2. CRITICAL PARAMETER : HIGH HYDRAULIC PRESSURE UPTO 300 BAR 3. OPERATING PARAMETERS : • WORKING HYDRAULIC PRESSURE UPTO 300 BAR • FLUID TEMPERATURE OF MAX TILL 80°C	

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
84	DNZ104571	itd/fhh-2.5-7.5-gc-25	472058534492 8 / rotor assembly to return manifold hose		8 / EACH/NUMBER	FHH-2.5-7.5-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	• AMBIENT TEMPERATURE TILL 50°C <u>TECHNICAL SPECIFICATION -</u> WORKING HYDRAULIC PRESSURE OF 200 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON ONE END AND SAE 90 DEGREE FITTING ON OTHER END OF GRADE ISO 6162-2 PARKER SERIES. • BOTH SIDES ARE EQUIPPED WITH SAE FOUR BOLT SPLIT FLANGES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 63 (PARKER SERIES) • 04 X HOSE COMING OUT OF ROTOR MOTOR WITH FOLLOWING LENGTH AND IDENTIFICATION: • T1/T2: 09 FT • T3/T4/T5: 08 FT • T6: 09 FT MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 3000 PSI OF HYDRAULIC PRESSURE CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 200 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 200 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF ROTOR ASSEMBLY TO RETURN MANIFOLD ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE PASSAGE OF THE HYDRAULIC OIL FROM ROTOR ASSEMBLY TO MANIFOLD FOR SUBSEQUENT OPERATION OF EXCAVATOR. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 350 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES Return	

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
											manifold is installed in pedestal area onboard for collection of all return oil from excavator through rotor assembly. Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry. <u>GENERAL SPECIFICATION</u> - • WORKING HYDRAULIC PRESSURE OF 200 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON ONE END AND SAE 90 DEGREE FITTING ON OTHER END OF GRADE ISO 6162-2 PARKER SERIES. • BOTH SIDES ARE EQUIPPED WITH SAE FOUR BOLT SPLIT FLANGES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 63 (PARKER SERIES) • 04 X HOSE COMING OUT OF ROTOR MOTOR WITH FOLLOWING LENGTH AND IDENTIFICATION: • T1/T2: 09 FT • T3/T4/T5: 08 FT • T6: 09 FT MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 3000 PSI OF HYDRAULIC PRESSURE CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 200 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 200 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF ROTOR ASSEMBLY TO RETURN MANIFOLD ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE PASSAGE OF THE HYDRAULIC OIL FROM ROTOR ASSEMBLY TO MANIFOLD FOR SUBSEQUENT OPERATION OF EXCAVATOR. HYDRAULIC HOSES	

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
											TO BE PRESSURE TESTED UPTO 350 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES Return manifold is installed in pedestal area onboard for collection of all return oil from excavator through rotor assembly. Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry.	
85	DNZ104578	ITD/fhh-2.5-3.8-gc-25	4720585344920 / Hydraulic pump Reducing Block Hose		2 / EACH/NUMBER	FHH-2.5-3.8-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - • WORKING HYDRAULIC PRESSURE OF 340 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • EACH HOSE COMING OUT OF HP PUMP IS OF DIFFERENT LENGTH • LENGTH PUMP 1/2/3/4: 4 FT • LENGTH PUMP 5: 3.10 FT • LENGTH PUMP 8/6: 3.6 FT. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: • FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. • CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with hose connecting with reducing block	

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
											for subsequent satisfactory operation of HP Pumps. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH REDUCING BLOCK INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO REDUCING BLOCK MANIFOLD FOR SUBSEQUENT OPERATION OF HP PUMPS. <u>GENERAL SPECIFICATION</u> - • WORKING HYDRAULIC PRESSURE OF 340 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • EACH HOSE COMING OUT OF HP PUMP IS OF DIFFERENT LENGTH • LENGTH PUMP 1/2/3/4: 4 FT • LENGTH PUMP 5: 3.10 FT • LENGTH PUMP 8/6: 3.6 FT. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the	

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
											pump upon requirement through PLC. The pump are equipped with hose connecting with reducing block for subsequent satisfactory operation of HP Pumps. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH REDUCING BLOCK INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO REDUCING BLOCK MANIFOLD FOR SUBSEQUENT OPERATION OF HP PUMPS.	
86	DNF107954	DEM-310GT	593070524633 1 / LITE L3 STACKABLE MANAGED SWITCHES		3 / EACH/N UMBER	DEM-310GT				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
87	DNZ104581	ITD/fhh-3/4-5.5-gc-25	472058534491 6 / Slew Block to Rotor Assembly P Out Hose		2 / EACH/N UMBER	FHH-3/4-5.5-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> • WORKING HYDRAULIC PRESSURE OF 340 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON ONE AND 90 DEGREE FITTING ON OTHER SIDE OF GRADE ISO 6162-2 PARKER SERIES. • BOTH SIDES ARE EQUIPPED WITH SAE FOUR BOLT FLANGES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 51 (PARKER SERIES) • 04 X HOSES COMING OUT OF SLEW BLOCK WITH A LENGTH OF 10 FEET AND IDENTIFICATION AS P1-OUT, P2-OUT, P3-OUT AND P4-OUT. DIMENTION LENGTH 5'.5" DIA 3/4" WORKING PRESSURE 280 BAR. • Slew block is installed in	

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
											pedestal area for delivering hydraulic oil to upper carriage excavator control manifolds through rotor assembly for subsequent satisfactory operation of excavator. • Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 450 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C <u>GENERAL SPECIFICATION -</u> • WORKING HYDRAULIC PRESSURE OF 340 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON ONE AND 90 DEGREE FITTING ON OTHER SIDE OF GRADE ISO 6162-2 PARKER SERIES. • BOTH SIDES ARE EQUIPPED WITH SAE FOUR BOLT FLANGES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 51 (PARKER SERIES) • 04 X HOSES COMING OUT OF SLEW BLOCK WITH A LENGTH OF 10 FEET AND IDENTIFICATION AS P1-OUT, P2-OUT, P3-OUT AND P4-OUT. DIMENTION LENGTH 5'5" DIA 3/4" WORKING PRESSURE 280 BAR. • Slew block is installed in pedestal area for delivering hydraulic oil to upper carriage excavator control manifolds through rotor assembly for subsequent satisfactory operation of excavator. • Same is equipped with hydraulic flexible hoses to maintain hydraulic oil	

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
											circuitry. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 450 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C	
88	DNZ104569	ITD/FHH-3/8-10-GC-25	4720585344960 / HYDRAULIC PUMP PILOT PRESSURE HOSE		10 / EACH/NUMBER	FHH-3/8-10-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> • WORKING HYDRAULIC PRESSURE OF 340 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 10 (PARKER SERIES) • EACH HOSE COMING OUT OF HP PUMP IS OF DIFFERENT LENGTH • LENGTH PUMP 2: 3.0 FT • LENGTH PUMP 1/3/8: 5.0 FT • LENGTH PUMP 4/5/6: 4.5 FT • LENGTH OF PUMP EMGY: 6.0 FT. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C Hydraulic pumps are installed	

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
											onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with hose connecting with pilot block for subsequent satisfactory operation of HP Pumps. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH PILOT MANIFOLD INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO PILOT BLOCK MANIFOLD FOR SUBSEQUENT OPERATION OF HP PUMPS. <u>GENERAL SPECIFICATION</u> - • WORKING HYDRAULIC PRESSURE OF 340 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 10 (PARKER SERIES) • EACH HOSE COMING OUT OF HP PUMP IS OF DIFFERENT LENGTH • LENGTH PUMP 2: 3.0 FT • LENGTH PUMP 1/3/8: 5.0 FT • LENGTH PUMP 4/5/6: 4.5 FT • LENGTH OF PUMP EMGY: 6.0 FT. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR.	

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
											OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with hose connecting with pilot block for subsequent satisfactory operation of HP Pumps. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH PILOT MANIFOLD INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO PILOT BLOCK MANIFOLD FOR SUBSEQUENT OPERATION OF HP PUMPS.	
89	DNZ97615	1B2242002	4710720070050 / UPVC TEE DN 25		100 / EACH/NUMBER	HSRO-15B				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - UPVC TEE DN 25</u> <u>GENERAL SPECIFICATION - UPVC TEE DN 25</u>	
90	DNF105994	1153	6625715284949 / digital conductivity meter		3 / EACH/NUMBER	1153				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<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	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
91	DNF105644	PS1506-DR4	5998705332883 / INVERTER OUTPUT POWER BOARD PS1506DR4 FOR UPS 15 KVA		2 / EACH/NUMBER	E3SUPS15KHB				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> Easy UPS 3S 3:3 15KVA/15Kw INPUT: 380/400/415V 30/29/28A 50/60Hz OUTPUT: 380/400/415V 23/22/21A 50/60Hz Item will be used in 15 KVA UPS. Furthermore, this UPS is being used with DVBS C-Band system as backup. <u>GENERAL SPECIFICATION -</u> Easy UPS 3S 3:3 15KVA/15Kw INPUT: 380/400/415V 30/29/28A 50/60Hz OUTPUT: 380/400/415V 23/22/21A 50/60Hz Item will be used in 15 KVA UPS. Furthermore, this UPS is being used with DVBS C-Band system as backup.	
92	DNF107953	dem-312gt2	5915705246316 / d-link 1-port sfp lx mm fiber transceiver		14 / EACH/NUMBER	DEM-312GT2				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> null <u>GENERAL SPECIFICATION -</u> null	
93	DNF101256	HME-AB-SLV-220AC-005	5975705351270 / electrical CONNECTION BOX		6 / EACH/NUMBER	SS304 SURFACE box				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> ELECTRICAL CONNECTION BOX material pvc no of glands 04 width 12 inches length 10 INCHES height 6 INCHES <u>GENERAL SPECIFICATION -</u> ELECTRICAL CONNECTION BOX material pvc no of glands 04 width 12 inches length 10 INCHES height 6 INCHES	
94	DNT104877	3950144776	9515735308511 / END PLATE		1 / EACH/NUMBER	NA				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<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	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
										N		
95	DNJ105635	65910-98J01	291076534490 8 / FUEL FILTER / FUEL WATER SEPARATOR ELEMENT		8 / EACH/N UMBER	65910- 98J01- 000				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> FUEL FILTER / FUEL WATER SEPARATOR ELEMENT <u>GENERAL</u> <u>SPECIFICATION -</u> FUEL FILTER / FUEL WATER SEPARATOR ELEMENT	
96	DNF108108	DH-SD6CE445GB-HNR/DH-SD6CE445XA-HNR	582078523334 2 / NETWORK PTZ CAMERA 4MP-WITH COMPLETE ACCESSORIES		1 / EACH/N UMBER	DH-SD5A445XA-HNR				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> 1. OEM: DAHUA 2. MAKE/MODEL: DH-SD6CE445XA-HNR 4MP 45X STARLIGHT IR PTZ 4MP 3. IMAGE SENSOR: 1/2. 8" STARVIS CMOS 4. MAX RESOLUTION: 4MP 5. max RESOLUTION: 2560 (H) X 1440 (V) 6. SCANNING SYSTEM: PROGRESSIVE 7. ELECTRONIC SHUTTER SPEED: 1/1S-1/30000 S 8. ILLUMINATOR NUMBER. 6 9. FOCAL LENGTH. 3.95 MM - 177.75 MM 10. OPTICAL ZOOM: 45X 11. FOCUS CONTROLL. AUTO/MANUAL 12. IRIS CONTROL: AUTO/MANUAL 13. CLOSE FOCUS DISTANCE: 10 MM-3000 MM 14. IR DISTANCE: UPTO 250M 15. AUTO TRACKING: SUPPORT 16. SMD: SUPPORT 17. FACE DETECTION: SUPPORT 18. WDR: 120 DB 19. DAY/NIGHT. AUTO (ICR) /COLOUR/BAW 20. FLIP: 180 DEGREE 21. STORAGE: RECORDING MICRO SD CARD 500 GB 22. POWER SUPPLY DC24V 2.5 A ± 25% Poe 23. POWER CONSUMPTION: 13 W, 26 W (IR ON HEATER) 24. CASING : METAL 25. GROSS WEIGHT: 9.6 KG 26: SHELF LIFE: MINIMUM 05 YEARS 27. ACCEPTANCE CRITERIA: SUCCESSFUL TEST AND TRAIL UPON INSTALLATION OEM,	

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
											DAHUA TECHNOLOGY CO LIMIT CAMERA PIXEL 4MP IMAGE SENSOR 1/2.8" STARVIS™ CMOS MAX. RESOLUTION 2560 (H) × 1440 (V) ROM 4GB ,RAM 1GB ELECTRONIC SHUTTER SPEED 1/3–1/30000S ILLUMINATION DISTANCE 50 M (492.13 FT) PTZGENERAL SPECIFICATION - 1. OEM: DAHUA 2. MAKE/MODEL: DH-SD6CE445XA-HNR 4MP 45X STARLIGHT IR PTZ 4MP 3. IMAGE SENSOR: 1/2. 8" STARVIS CMOS 4. MAX RESOLUTION: 4MP 5. mAX RESOLUTION: 2560 (H) X 1440 (V) 6. SCANNING SYSTEM: PROGRESSIVE 7. ELECTRONIC SHUTTER SPEED: 1/1S-1/30000 S 8. ILLUMINATOR NUMBER. 6 9. FOCAL LENGTH. 3.95 MM - 177.75 MM 10. OPTICAL ZOOM: 45X 11. FOCUS CONTROLL. AUTO/MANUAL 12. IRIS CONTROL: AUTO/MANUAL 13. CLOSE FOCUS DISTANCE: 10 MM-3000 MM 14. IR DISTANCE: UPTO 250M 15. AUTO TRACKING: SUPPORT 16. SMD: SUPPORT 17. FACE DETECTION: SUPPORT 18. WDR: 120 DB 19. DAY/NIGHT. AUTO (ICR) /COLOUR/BAW 20. FLIP: 180 DEGREE 21. STORAGE: RECORDING MICRO SD CARD 500 GB 22. POWER SUPPLY DC24V 2.5 A ± 25% Poe 23. POWER CONSUMPTION: 13 W, 26 W (IR ON HEATER) 24. CASING : METAL 25. GROSS WEIGHT: 9.6 KG 26: SHELF LIFE: MINIMUM 05 YEARS 27. ACCEPTANCE CRITERIA: SUCCESSFUL TEST AND TRAIL UPON INSTALLATION OEM, DAHUA TECHNOLOGY CO LIMIT CAMERA PIXEL 4MP IMAGE SENSOR 1/2.8" STARVIS™ CMOS	

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
											MAX. RESOLUTION 2560 (H) × 1440 (V) ROM 4GB ,RAM 1GB ELECTRONIC SHUTTER SPEED 1/3–1/30000S ILLUMINATION DISTANCE 50 M (492.13 FT) PTZ	
97	DGP108645	CORE I5	702570524609 1 / PERSONAL COMPUTER CORE i5 12th GENERATION or above		10 / SET	CORE I5					TECHNICAL SPECIFICATION - 1. CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of genuineness. d. Online PC verification. e. PC without modification/ upgradation. <u>GENERAL SPECIFICATION - 1.</u> CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/	

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
											OEM COC. c. Certificate of genuineness. d. Online PC verification. e. PC without modification/ upgradation.	
98	DGP107640	CORE I5	702570524609 1 / PERSONAL COMPUTER CORE i5 12th GENERATION or above		4 / SET	CORE I5					<u>TECHNICAL SPECIFICATION - 1.</u> CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of genuineness. d. Online PC verification. e. PC without modification/ upgradation. <u>GENERAL SPECIFICATION - 1.</u> CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of	

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
											genuineness. d. Online PC verification. e. PC without modification/ upgradation.	
99	DGP107808	CORE I5	702570524609 1 / PERSONAL COMPUTER CORE i5 12th GENERATION or above		2 / SET	CORE I5					TECHNICAL SPECIFICATION - 1. CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of genuineness. d. Online PC verification. e. PC without modification/ upgradation. GENERAL SPECIFICATION - 1. CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of genuineness. d. Online PC	

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
100	DGP107125	CORE I5	7025705246091 / PERSONAL COMPUTER CORE i5 12th GENERATION or above		2 / SET	CORE I5					verification. e. PC without modification/ upgradation. <u>TECHNICAL SPECIFICATION - 1.</u> CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of genuineness. d. Online PC verification. e. PC without modification/ upgradation. <u>GENERAL SPECIFICATION - 1.</u> CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of genuineness. d. Online PC verification. e. PC without	

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
											modification/ upgradation.	
101	DGP108660	CORE I5	702570524609 1 / PERSONAL COMPUTER CORE i5 12th GENERATION or above		1 / SET	CORE I5					<u>TECHNICAL SPECIFICATION</u> - 1. CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of genuineness. d. Online PC verification. e. PC without modification/ upgradation. <u>GENERAL SPECIFICATION</u> - 1. CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of genuineness. d. Online PC verification. e. PC without modification/ upgradation.	

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
102	DGP108280	CORE I5	702570524609 1 / PERSONAL COMPUTER CORE i5 12th GENERATION or above		2 / SET	CORE I5					TECHNICAL SPECIFICATION - 1. CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of genuineness. d. Online PC verification. e. PC without modification/ upgradation. <u>GENERAL SPECIFICATION - 1.</u> CPU Technology= Intel® Core i5 Processor 12th Generation or Above) (Minimum 3 Ghz, 6 MB, 4 Core or above). 2. System Memory= Minimum 8 GB DDR4 SDRAM. 3. Hard Disk= 512 GB ssd or NVME. 4. Keyboard= USB (3D Optical) . 5. Mouse= USB (Optical LED) 6. LED= 19" (Min) or higher (same brand) 7. LAN= Yes (Built in 1000) 8. Warranty= Minimum 01 Year or as provided by OEM, 9. OPERATING SYSTEM= MS - DOS ONLY (WITHOUT PRE-INSTALLED WINDOW). 10. Miscellaneous requirements: a. OEM sealed genuine PC. b. Authorized Dealer/ OEM COC. c. Certificate of genuineness. d. Online PC verification. e. PC without modification/ upgradation.	
103	DGP108869	NIL	593073527733		1 / EACH/N	NIL					TECHNICAL SPECIFICATION - 1.	

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
			0 / LAPTOP CORE i7 11th Generation		UMBER						CPU Technology= Intel @ Core i7 (10th Generation or Above) (Minimum 2.8 GHZ upto 4.7 GHZ) 2. System Memory= 8 GB RAM DDR4 3. Hard Disk= 1 TB SATA 4. Optical Disk Drive= DVD RW 5. LED= MINIMUM 15.6" FHD 6. LAN= BUILT IN 7. Warranty= 01 Year OEM COC 8. Operating System= Windows 10 Or Above (Licensed) 9. Graphics= Intel FHD Graphics Built-In 10. Carrying Bag= Yes 11. Web Cam= Yes <u>GENERAL SPECIFICATION - 1.</u> CPU Technology= Intel @ Core i7 (10th Generation or Above) (Minimum 2.8 GHZ upto 4.7 GHZ) 2. System Memory= 8 GB RAM DDR4 3. Hard Disk= 1 TB SATA 4. Optical Disk Drive= DVD RW 5. LED= MINIMUM 15.6" FHD 6. LAN= BUILT IN 7. Warranty= 01 Year OEM COC 8. Operating System= Windows 10 Or Above (Licensed) 9. Graphics= Intel FHD Graphics Built-In 10. Carrying Bag= Yes 11. Web Cam= Yes	
104	DNZ104574	ITD/FHH-1.25-6.1-GC-25	4720585344924 / HYDRAULIC PUMP DISCHARGE HOSE		5 / EACH/NUMBER	FHH-1.25-6.1-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> • WORKING HYDRAULIC PRESSURE OF 350 BAR. • EACH HOSE EQUIPPED WITH 04 X BLOT SAE FLANGE CLAMP (6000 PSI SERIES) ON BOTH ENDS WITH SIZE OF DN 32. • EACH HOSE EQUIPPED WITH SAE STRAIGHT FLANGE FITTING ON BOTH ENDS OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 31 (PARKER SERIES) • LENGTH: 5.0 FT HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF	

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
											OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with flexible hoses capable of delivering hydraulic pressure upto 350 bar. EACH HOSE EQUIPPED WITH 04 X BLOT SAE FLANGE CLAMP (6000 PSI SERIES) ON BOTH ENDS WITH SIZE OF DN 32. EACH HOSE EQUIPPED WITH SAE STRAIGHT FLANGE FITTING ON BOTH ENDS OF GRADE ISO 6162-2 PARKER SERIES. HOSE SIZE: DN 31 (PARKER SERIES) LENGTH: 5.0 FT FABRICATION OF FLEXIBLE HYDRAULIC HOSES INSTALLED IN ENGINE ROOM, PEDESTAL AREA AND SPUD CARRIER ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TILL PUMP SELECTION MANIFOLD IN THE ENGINE ROOM ONBOARD PN PLATFORM. <u>GENERAL SPECIFICATION</u> - • WORKING HYDRAULIC PRESSURE OF 350 BAR. • EACH HOSE EQUIPPED WITH 04 X BLOT SAE FLANGE CLAMP (6000 PSI SERIES) ON BOTH ENDS WITH SIZE OF DN 32. • EACH HOSE EQUIPPED WITH SAE STRAIGHT FLANGE FITTING	

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
											ON BOTH ENDS OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 31 (PARKER SERIES) • LENGTH: 5.0 FT HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with flexible hoses capable of delivering hydraulic pressure upto 350 bar. EACH HOSE EQUIPPED WITH 04 X BLOT SAE FLANGE CLAMP (6000 PSI SERIES) ON BOTH ENDS WITH SIZE OF DN 32. EACH HOSE EQUIPPED WITH SAE STRAIGHT FLANGE FITTING ON BOTH ENDS OF GRADE ISO 6162-2 PARKER SERIES. HOSE SIZE: DN 31 (PARKER SERIES) LENGTH: 5.0 FT FABRICATION OF FLEXIBLE HYDRAULIC HOSES INSTALLED IN ENGINE ROOM, PEDESTAL AREA AND SPUD CARRIER ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TILL PUMP	

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
											SELECTION MANIFOLD IN THE ENGINE ROOM ONBOARD PN PLATFORM.	
105	DNT105144	DW14058-01-3	5330735310160 / PLATE / GASKET		37 / EACH/NUMBER	NA				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
106	DNF107952	PFS4207-4GT-DP/DH-HS4208-4GT-90	7025705240485 / 4 channel POE switch with complete accessories		1 / EACH/NUMBER	PFS4207-4GT-DP				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - null GENERAL SPECIFICATION - null	
107	DNZ104572	itd/FHH-2.5-12.2-GC-25	4720585344927 / sLEW MOTOR INLET OUTLET HOSE		6 / EACH/NUMBER	FHH-2.5-12.2-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	TECHNICAL SPECIFICATION - • WORKING HYDRAULIC PRESSURE OF 340 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • ONE SIDE IS EQUIPPED WITH SAE FOUR BOLT FLANGE AND OTHER END IS EQUIPPED WITH SAME OF SPLIT FLANGE OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 51 (PARKER SERIES) • 04 X HOSE COMING OUT OF SLEW MOTOR WITH A LENGTH OF 05 FEET AND IDENTIFICATION B3, B4, A3 AND A4. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 450 BAR	

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
											OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. Slew block is installed in slew motor for delivering hydraulic oil for satisfactory operation of slew motor in order to carry slew motion of excavator. Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF SLEW MOTOR IN SLEW COMPARTMENT ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM SLEW BLOCK TO SLEW MOTOR AND VICE VERSA FOR SUBSEQUENT OPERATION OF SLEW MOTION OF EXCAVATOR. <u>GENERAL SPECIFICATION -</u> • WORKING HYDRAULIC PRESSURE OF 340 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • ONE SIDE IS EQUIPPED WITH SAE FOUR BOLT FLANGE AND OTHER END IS EQUIPPED WITH SAME OF SPLIT FLANGE OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 51 (PARKER SERIES) • 04 X HOSE COMING OUT OF SLEW MOTOR WITH A LENGTH OF 05 FEET AND IDENTIFICATION B3, B4, A3 AND A4. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF	

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
											OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 450 BAR OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. Slew block is installed in slew motor for delivering hydraulic oil for satisfactory operation of slew motor in order to carry slew motion of excavator. Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF SLEW MOTOR IN SLEW COMPARTMENT ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM SLEW BLOCK TO SLEW MOTOR AND VICE VERSA FOR SUBSEQUENT OPERATION OF SLEW MOTION OF EXCAVATOR.	
108	DNZ104579	ITD/fhh-5/8-10.8-gc-25	4720585344919 / Slew Block to Rotor Assembly P Out Hose		2 / EACH/NUMBER	FHH-5/8-10.8-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION</u> - • WORKING HYDRAULIC PRESSURE OF 340 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON ONE AND 90 DEGREE FITTING ON OTHER SIDE OF GRADE ISO 6162-2 PARKER SERIES. • BOTH SIDES ARE EQUIPPED WITH SAE FOUR BOLT FLANGES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 51 (PARKER SERIES) • 04 X HOSES COMING OUT OF SLEW BLOCK WITH A LENGTH OF 10	

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
											FEET AND IDENTIFICATION AS P1-OUT, P2-OUT, P3-OUT AND P4-OUT DIMENTION LENGTH 10'.8" DIA 5/8" WORKING PRESSURE 250 BAR. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 450 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C • Slew block is installed in pedestal area for delivering hydraulic oil to upper carriage excavator control manifolds through rotor assembly for subsequent satisfactory operation of excavator. • Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry. <u>GENERAL SPECIFICATION</u> - • WORKING HYDRAULIC PRESSURE OF 340 BAR • EACH HOSE EQUIPPED WITH SAE STRAIGHT FITTING ON ONE AND 90 DEGREE FITTING ON OTHER SIDE OF GRADE ISO 6162-2 PARKER SERIES. • BOTH SIDES ARE EQUIPPED WITH SAE FOUR BOLT FLANGES OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 51 (PARKER SERIES) • 04 X HOSES COMING OUT OF SLEW BLOCK WITH A LENGTH OF 10 FEET AND IDENTIFICATION AS P1-OUT, P2-OUT, P3-OUT AND P4-OUT DIMENTION LENGTH 10'.8"	

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
											DIA 5/8" WORKING PRESSURE 250 BAR. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 450 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C • Slew block is installed in pedestal area for delivering hydraulic oil to upper carriage excavator control manifolds through rotor assembly for subsequent satisfactory operation of excavator. • Same is equipped with hydraulic flexible hoses to maintain hydraulic oil circuitry.	
109	DNF106032	BUC (feed horn)	591570523955 3 / Feedhorn WITH BUC & LNB		2 / EACH/NUMBER	Feedhorn				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> null <u>GENERAL SPECIFICATION -</u> null	
110	DNZ104575	ITD/fhh-2.5-6.2-gc-25	472058534492 3 / Hydraulic pump Reducing Block Hose		3 / EACH/NUMBER	FHH-2.5-6.2-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> • WORKING HYDRAULIC PRESSURE OF 340 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • EACH HOSE COMING OUT OF HP PUMP IS OF	

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
											DIFFERENT LENGTH • LENGTH PUMP 1/2/3/4: 4 FT • LENGTH PUMP 5: 3.10 FT • LENGTH PUMP 8/6: 3.6 FT. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with hose connecting with reducing block for subsequent satisfactory operation of HP Pumps. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH REDUCING BLOCK INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO REDUCING BLOCK MANIFOLD FOR SUBSEQUENT OPERATION OF HP PUMPS. <u>GENERAL SPECIFICATION</u> - • WORKING HYDRAULIC PRESSURE OF 340 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON BOTH	

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
											SIDES OF GRADE ISO 6162-2 PARKER SERIES. • EACH HOSE COMING OUT OF HP PUMP IS OF DIFFERENT LENGTH • LENGTH PUMP 1/2/3/4: 4 FT • LENGTH PUMP 5: 3.10 FT • LENGTH PUMP 8/6: 3.6 FT. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with hose connecting with reducing block for subsequent satisfactory operation of HP Pumps. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH REDUCING BLOCK INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO REDUCING BLOCK MANIFOLD FOR SUBSEQUENT OPERATION OF HP PUMPS.	
111	DNT104882	3233014246	5330735308517 / END PLATE GASKET		2 / EACH/NUMBER	NA				TDS/BROCHURE OR PHOTOGRAPH OF	<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	Availability	Tender Remarks	TECH / GEN SPECS	Dimension
										ITEM MUST BE ENCLOSED WITH QUOTATION		
112	DNF103906	x3530 m4	702070523096 1 / ibm rack server		1 / EACH/NUMBER	system x3530 m4				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
113	DNF105678	marshal-8	635070534403 7 / smart verification & alert system (svas) tablet		2 / EACH/NUMBER	marshal-8				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
114	DGP106792	872285-002	702571532643 2 / HP 1.2TB 2.5-INCH SFF SAS 12GB/S 10K RPM HARD DISK		1 / EACH/NUMBER	HP 872285-002					<u>TECHNICAL SPECIFICATION - 1.2 TB 2.5 INCH 12GB/S 10K RPM</u> <u>GENERAL SPECIFICATION - 1.2TB 2.5 INCH 12GB/S 10K RPM</u>	
115	DNF107819	ITD/VE/S. Sockets/F P.1012	593050523486 3 / Switch Socket TWO PIN		13 / EACH/NUMBER	VE/S. Sockets/F P.1012				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION - null</u> <u>GENERAL SPECIFICATION - null</u>	
116	DNZ104573	itd/FHH-1.25-5.11-GC-25	472058534492 6 / HYDRAULIC		5 / EACH/NUMBER	FHH-1.25-5.11-GC-25				TDS/BROCHURE OR PHOTOGRAPH	<u>TECHNICAL SPECIFICATION - .</u> <u>WORKING HYDRAULIC PRESSURE OF 350 BAR. • EACH</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
			PUMP DISCHARGE HOSE							APH OF ITEM MUST BE ENCLOSED WITH QUOTATION	HOSE EQUIPPED WITH 04 X BLOT SAE FLANE CLAMP (6000 PSI SERIES) ON BOTH ENDS WITH SIZE OF DN 32. • EACH HOSE EQUIPPED WITH SAE STRAIGHT FLANGE FITTING ON BOTH ENDS OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 31 (PARKER SERIES) • LENGTH: 5.0 FT. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with flexible hoses capable of delivering hydraulic pressure upto 340 bar. FABRICATION OF FLEXIBLE HYDRAULIC HOSES INSTALLED IN ENGINE ROOM, PEDESTAL AREA AND SPUD CARRIER ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TILL PUMP SELECTION MANIFOLD IN THE ENGINE ROOM ONBOARD PN PLATFORM. GENERAL SPECIFICATION - • WORKING	

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
											HYDRAULIC PRESSURE OF 350 BAR. • EACH HOSE EQUIPPED WITH 04 X BLOT SAE FLANE CLAMP (6000 PSI SERIES) ON BOTH ENDS WITH SIZE OF DN 32. • EACH HOSE EQUIPPED WITH SAE STRAIGHT FLANGE FITTING ON BOTH ENDS OF GRADE ISO 6162-2 PARKER SERIES. • HOSE SIZE: DN 31 (PARKER SERIES) • LENGTH: 5.0 FT. MATERIAL SPECIFICATIONS: FLEXIBLE RUBBER CAPABLE OF OPERATING AT 6000 PSI OF HYDRAULIC PRESSURE. CRITICAL PARAMETER: HIGH HYDRAULIC PRESSURE UPTO 340 BAR. OPERATING PARAMETERS: • WORKING HYDRAULIC PRESSURE UPTO 340 BAR • FLUID TEMPERATURE OF MAX TILL 80°C • AMBIENT TEMPERATURE TILL 50°C HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with flexible hoses capable of delivering hydraulic pressure upto 340 bar. FABRICATION OF FLEXIBLE HYDRAULIC HOSES INSTALLED IN ENGINE ROOM, PEDESTAL AREA AND SPUD CARRIER ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TILL PUMP SELECTION MANIFOLD IN THE ENGINE ROOM ONBOARD PN	

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
											PLATFORM.	
117	DNZ104580	ITD/fhh-2.5-4.9-gc-25	472058534491 7 / Hydraulic pump Reducing Block Hose		2 / EACH/NUMBER	FHH-2.5-4.9-GC-25				TDS/BROCHURE OR PHOTOGRAPH OF ITEM MUST BE ENCLOSED WITH QUOTATION	<u>TECHNICAL SPECIFICATION -</u> • WORKING HYDRAULIC PRESSURE OF 340 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH SAE STRAIGHT ADAPTER FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • EACH HOSE COMING OUT OF HP PUMP IS OF DIFFERENT LENGTH • LENGTH PUMP 1/2/3/4: 4 FT • LENGTH PUMP 5: 3.10 FT • LENGTH PUMP 8/6: 3.6 FT - DIMENTION LENGTH 4'. 9" DIA 2.5" WORKING PRESSURE 250 BAR. - HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. - ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. - Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. - The pump are equipped with hose connecting with reducing block for subsequent satisfactory operation of HP Pumps. - FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH REDUCING BLOCK INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. - MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO REDUCING BLOCK MANIFOLD FOR SUBSEQUENT OPERATION OF HP PUMPS. <u>GENERAL SPECIFICATION -</u> • WORKING HYDRAULIC PRESSURE OF 340 BAR IN THE TEMPERATURE SENSOR HOSE. • EACH HOSE EQUIPPED WITH SAE STRAIGHT	

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
											ADAPTER FITTING ON BOTH SIDES OF GRADE ISO 6162-2 PARKER SERIES. • EACH HOSE COMING OUT OF HP PUMP IS OF DIFFERENT LENGTH • LENGTH PUMP 1/2/3/4: 4 FT • LENGTH PUMP 5: 3.10 FT • LENGTH PUMP 8/6: 3.6 FT DIMENTION LENGTH 4". 9" DIA 2.5" WORKING PRESSURE 250 BAR. HYDRAULIC HOSES TO BE PRESSURE TESTED UPTO 450 BAR. ONBOARD TRIALS WILL BE CARRIED OUT UPON INSTALLATION OF HOSES. Hydraulic pumps are installed onboard PN Platform, delivering hydraulic oil to pump selection manifold as per the selection of the pump upon requirement through PLC. The pump are equipped with hose connecting with reducing block for subsequent satisfactory operation of HP Pumps. FABRICATION OF FLEXIBLE HYDRAULIC HOSES OF HP PUMPS CONNECTING PUMP WITH REDUCING BLOCK INSTALLED IN ENGINE ROOM ONBOARD PN PLATFORM. MAIN FUNCTIONALITY OF THE SYSTEM IS TO PROVIDE THE HYDRAULIC OIL FROM HP PUMP TO REDUCING BLOCK MANIFOLD FOR SUBSEQUENT OPERATION OF HP PUMPS.	
118	DNF89003	ST4000NM0053/ST4000VX000	702578520784 9 / 4TB SURVEILLANCE HARD DISK-SATA FOR NVR	CCTV System ST4000VX000 CHINA	1 / EACH/N UMBER	ST4000VX000	NA	Seagate Singapore International Headquarters Pte. Ltd. 7000 Ang Mo Kio Avenue 5, Singapore 569877, 65-6485-3888	CHINA		TECHNICAL SPECIFICATION - Marketing Name: Surveillance HDD Cache Multisegmented (MB): 64 Bytes per Sector : 4096 Cameras Supported : up to 32 GENERAL SPECIFICATION - Marketing Name: Surveillance HDD Cache Multisegmented (MB): 64 Bytes per Sector : 4096 Cameras Supported : up to 32	
119	DNF1039	525502	665012157956	BINOCLAR	2 /					tds/pics of	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
	44		0 / BINOCULAR 7X50B/7X50c	7X50B OEM: ZEISS,CARL POB 1380	EACH/NUMBER	7x50b/7X50c				item must be enclosed with quotation	BINOCULAR 7X50B OEM: STEINER POTIK GMBH germany <u>GENERAL SPECIFICATION - BINOCULAR 7X50B OEM: STEINER POTIK GMBH germany</u>	
120	DCD107744		8440504401147 / CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 55CM		700 / EACH/NUMBER						<u>TECHNICAL SPECIFICATION - CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 55CM</u> <u>GENERAL SPECIFICATION - CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 55CM</u>	item required as per tender sample
121	DCD107742		8440504401149 / CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 59CM		700 / EACH/NUMBER						<u>TECHNICAL SPECIFICATION - CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 59CM</u> <u>GENERAL SPECIFICATION - CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 59CM</u>	
122	DCD107746		8440504401148 / CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 57CM		700 / EACH/NUMBER						<u>TECHNICAL SPECIFICATION - CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 57CM</u> <u>GENERAL SPECIFICATION - CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 57CM</u>	item required as per sample
123	DCD107745		8440504401150 / CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES		700 / EACH/NUMBER						<u>TECHNICAL SPECIFICATION - CAP JOCKEY DIGITAL CAMOUFLAGE FOR DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 61CM</u> <u>GENERAL SPECIFICATION - CAP JOCKEY DIGITAL CAMOUFLAGE FOR</u>	item required as per tender sample

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
			60% COTTON & 40% POLYSTER SIZE 61CM								DRESS PAK MARINES 60% COTTON & 40% POLYSTER SIZE 61CM	
124	DNF91442	HID RP40	581071527971 1 / HID ICLASS R40 SE reader		1 / EACH/NUMBER	hid					<u>TECHNICAL SPECIFICATION -</u> ζ RFID card reader ζ HID iClass SE reader ζ R40/ U90 <u>GENERAL SPECIFICATION -</u> ζ RFID card reader ζ HID iClass SE reader ζ R40/ U90	