

GREEN WORLD CHS LTD

REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

GUT NO. 242, HISSA NO. 1 TO 7, DIGHE, NAVI MUMBAI - 400 708

Date:-

To,

Chairman/Secretary,
Green World CHS,
Thane Belapur Road,
Digha, Navi Mumbai - 400708

Quotation

Sub:- Quotation for CCTV installation in Green World Co-operative Housing Society, Dighe, Navi Mumbai AND Annual Maintenance (NON Comprehensive) of old CCTV Cameras.

PART-A

Sr. No	Item Description	Make/Model	Unit	Qty	Rate	Amount
1	2MP IR dome camera with 20 mtr IR	DHAUA/Equivalent	Nos	32		
2	4mp Full HD WDR IR bullet camera 30 mtr IR 3.6 mm lens	DHAUA/Equivalent	Nos	63		
3	25 X 100 mtr PTZ camera	DHAUA/Equivalent	Nos	5		
4	64 Channel Network Video Recorder (NVR)	DHAUA/Equivalent	Nos	2		
5	43-inch Commercial TV	Panasonic, LG, Samsung	Nos	2		
6	10TB Hard disk	Seagate/WD	Nos	6		
7	16 port Poe switch CP-ANW-GPU16F2-T25	D-Link, Digilink, Netgear	Nos	8		
8	08 port 10/100/ 1000 gigabyte network switch	D-Link /Equivalencebnt	Nos	12		
9	supply & laying cat 6 UTP cable with 25 mm PVC conduit	D-Link, Digilink	Mtr	4000		
10	supply & laying oFC armored cable	D-Link, Digilink	Mtr	200		
11	wireless radio for lift	D-Link, Digilink	Pair	30		
12	RJ 45 connector (100 Nos)	Dlink/Equivalent	Box	2		
13	4.4 junction box for camera (indoor)	STANDARD/Equivalent	Nos	95		
14	4.4 junction box for camera (outdoor) IP 55	Laptron /Hensel	Nos	5		

GREEN WORLD CHS LTD

REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

GUT NO. 242, HISSA NO. 1 TO 7, DIGHE, NAVI MUMBAI - 400 708

15	04 U rack with all accessories	D-Link /Equivalent	Nos	10		
16	Junction boxes for outdoor (300x470x170)	Hensel IP55	Nos	4		
17	Media converter	Optilink/Equivalent	Nos	4		
18	Fully loaded LIU	Dlink/Equivalent	Nos	1		
19	Supply & laying power supply cable 1.5 sq mm 02 core with 25 mm PVC conduit	polycab/metrolite	Mtr	2000		
20	3 Kva UPS including batteries, Rack, Interlink cables up to Backup 30 Minutes	Numeric /BPE	Nos	1		
21	installation and commissioning entire CCTV system		Nos	1		
	Amount Part -A					

PART-B

Sr. No	Item Description	Unit	Qty	Rate	Amount
1	Annual Maintenance contract (NON- Comprehensive) for CCTV Analog Camera-39,IP camera-30 Nos, Analog DVR -2 Nos and Digital DVR -1 Nos(Including all accessories)	Lumpsum	1		
	Amount Part -B				
	Total Amount of PART A+PART B =				
	GST 18%				
	Total Amount				

Terms & Conditions:

1. Contractor Qualification Criteria:

- 1.1. Experience of having successfully completed similar works in supplying and installing of CCTV system during last 7 years ending November 2022.
- 1.2. Should have successfully completed at least
 - 1.2.1. three similar completed works costing not less than the Rs. 8.8 lakhs.Or
 - 1.2.2. Two similar completed works costing not less than Rs. 11 lakhsor

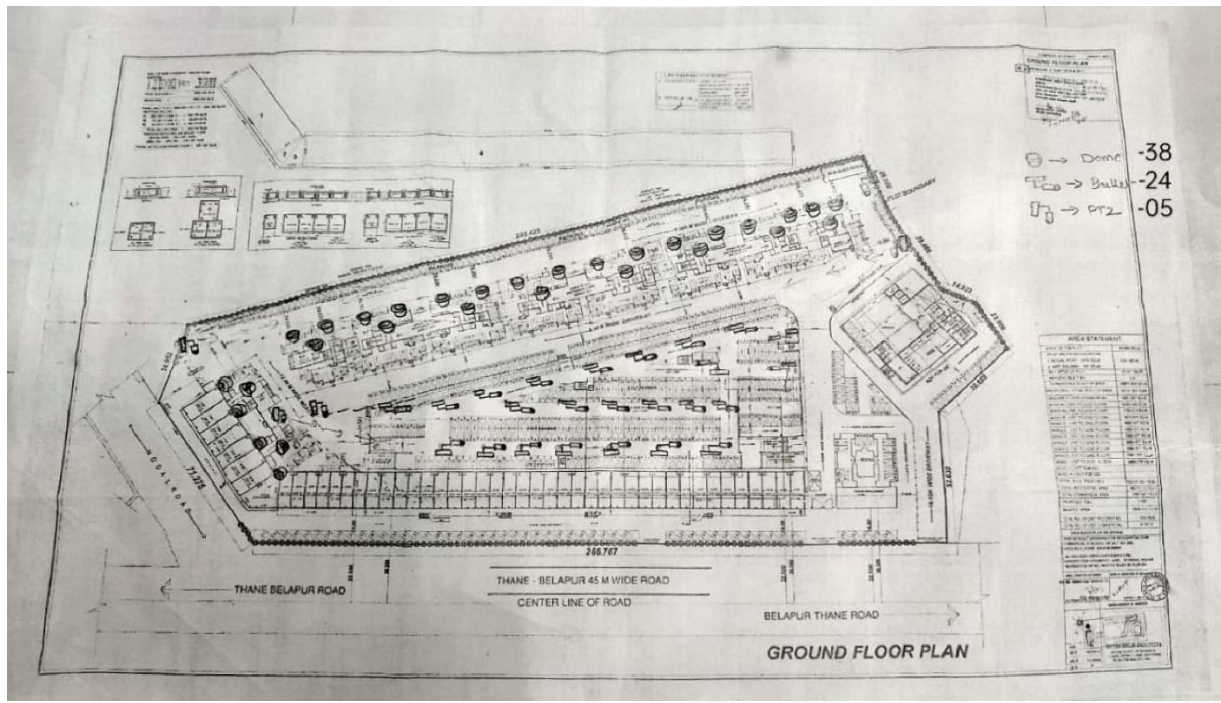
REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

1.2.3. One similar completed work costing not less than Rs. 17.6 lakhs

1.3. Company should have annual turnover of Rs. 6.6 lakhs or higher for each of the past 3 financial years. **Please enclose audited financial statements for past 3 years.**

2. All network switches enclosed with suitable rack with necessary ventilation.
3. All Outdoor cameras connector should be enclosed weather proof junction boxes.
4. Do the necessary power supply arrangement for the all network switches in vendor's scope.
5. **Contract completion Period:** 30days from the date of Purchase Order Release.
6. **Defect Liability Period:** 24 months from the date of successful handing over of the project.
Turnaround time during DLP is 24hours.

Basement Parking.

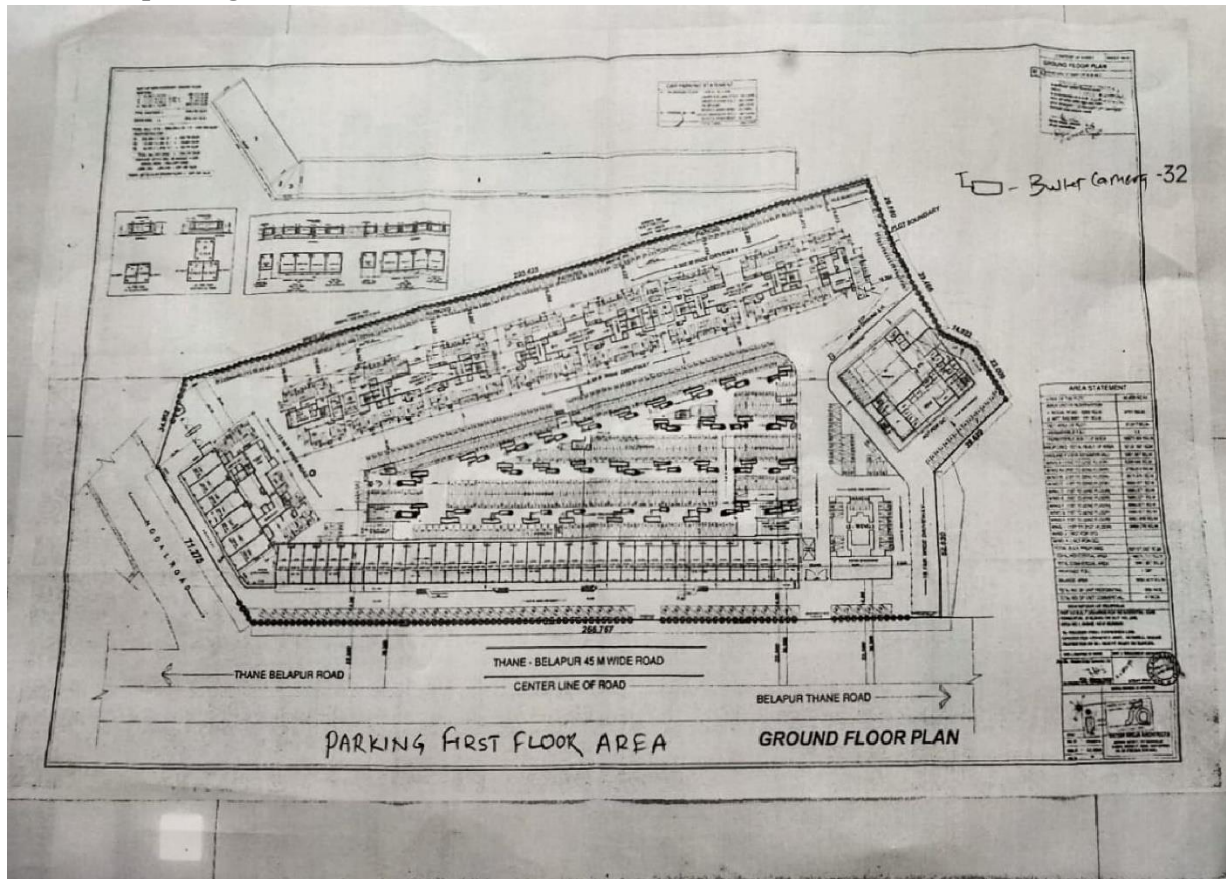


GREEN WORLD CHS LTD

REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

GUT NO. 242, HISSA NO. 1 TO 7, DIGHE, NAVI MUMBAI - 400 708

First floor parking area /Ground Floor



Green World Soc. CCTV

Sr. no.	Location	Dome camera	Bullet camera	PTZ Camera	Total
1	Main gate			1	1
2	A1 Wing lift	3			3
3	A2 Wing lift	3			3
4	A2 Wing Refuge Area			1	1
5	B Wing lift	3			3
6	C Wing lift	3			3
7	D Wing lift	3			3
8	E Wing lift	3			3
9	F Wing lift	3			3
10	G Wing lift	3			3

GREEN WORLD CHS LTD

REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

GUT NO. 242, HISSA NO. 1 TO 7, DIGHE, NAVI MUMBAI - 400 708

11	H Wing lift	3			3
12	I Wing lift	3			3
13	I Wing side Perimeter			1	1
14	I Wing back side Perimeter			1	1
15	Podium lift	2			2
16	Podium staircase	6			6
17	A1 side Podium corner			1	1
18	Ground floor Parking		24		24
19	First floor Parking		32		32
Total					99

Note:- As per attached technical specification fill the quotation rates and submit to the committee office within 10 days.

Technical Specifications of 2MP Full-color Guard+ Network IR Dome (IR Range 20 Meter)		
1	Image Sensor	1/2.7" 2Megapixel progressive CMOS (6.858 cm)
2	Effective Pixels	1920 (H) x 1080 (V)
3	Minimum Illumination	0.005Lux@F1.6
4	Shutter Speed	Auto/Manual, 1/3~1/100000s
5	White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
6	Lens	3.6mm (2.8mm Optional)
7	DORI Distance	3.6mm- 53.3m (Detect) 21.3m (Observe) 10.7m (Recognize) 5.3m (Identify) 2.8mm- 37.3m (Detect) 14.9m (Observe) 7.5m (Recognize) 3.7m (Identify)
8	Gain Control (AGC)	Auto/Manual
9	Mount Type	M12
10	Close Focus Distance	2.8mm: 0.6m ; 3.6mm: 1.1m
11	Iris Type	Fixed
12	Max. Aperture	2.8mm: F1.6 ; 3.6mm: F1.6
13	Lens Type	Fixed-focal
14	Video Compression	H.265+/H.265/H.264+/H.264/H.264H; H.264B; MJPEG
15	Back Light Compensation	BLC / HLC / DWDR
16	Angle of View	3.6 mm: Pan 91° × Tilt 48° × Diagonal 109° ; 2.8 mm: Pan 110° × Tilt 59° × Diagonal 132°
17	Video Streaming	Main Stream: 1920 × 1080 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps)
18	Resolution	1080P (1920 × 1080); 1.3MP (1280 × 960); 720P

GREEN WORLD CHS LTD

REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

GUT NO. 242, HISSA NO. 1 TO 7, DIGHE, NAVI MUMBAI - 400 708

		(1280 × 720); D1 (704 × 576/704 × 480);
19	Motion detection	OFF/ON (4 areas, rectangular)
20	Privacy Mask	4 areas
21	ICR	Color/B/W
22	ROI	Yes (4 areas)
23	Mirror	Yes
24	Bit Rate	H.264: 32 Kbps–6144 Kbps ; H.265: 12 Kbps–6400 Kbps
25	Protocol	IPv4; IPV6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; NTP; DDNS ;Multicast, ONVIF (Profile S); CGI; P2P; Genetec
26	Ethernet	RJ-45 (10/100Base-T)
27	Event Trigger	Motion detection, video tampering, network disconnection, IP conflict, illegal access
28	User Account	20 Users
29	Smart Phone	iPhone, iPad, Android Phone
30	Browser	IE Chrome Firefox
31	LED Distance	15 Mtr.
32	LEDs Number	1
33	Storage	FTP
34	Operating Temperature	-40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH
35	Power Source	12V DC/PoE
36	Power Consumption	<4.8 W
37	Weatherproof Standard	IP67
38	Dimension	85.5 mm × Φ109 mm (3.4" × Φ4.3")
39	Casing	Metal + plastic
40	Weight	0.24 kg

Technical Specifications for 4MP Full HD WDR IR Bullet Camera Outdoor (IR Range 60meter)		
Sr. No.	Function	Minimum Specification
1	Image Sensor	1/3" 4MP Progressive scan CMOS (0.846667cm)
2	Effective Pixels	2688 (H) × 1520 (V)
3	Minimum Illumination	0.008 Lux@F1.5
4	Shutter Speed	Auto/Manual 1/3 s–1/100000 s
5	White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
6	Lens	2.7mm~13.5mm Motorized Lens
7	Lens Type	Motorized

GREEN WORLD CHS LTD

REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

GUT NO. 242, HISSA NO. 1 TO 7, DIGHE, NAVI MUMBAI - 400 708

8	Mount Type	φ14
9	Max. Aperture	F1.5
10	Iris Type	Fixed aperture
11	DORI Distance	W- 64m (Detect) 25.6m (Observe) 12.8m (Recognize) 6.4m (Identify)
12	Gain Control (AGC)	T- 220m (Detect) 88m (Observe) 44m (Recognize) 22m (Identify)
13	Noise Reduction	Auto/Manual
14	Angle of View	3D-DNR
15	Video Compression	Horizontal: 104°–27° , Vertical: 55°–15° , Diagonal: 124°–31°
16	Back Light Compensation	H.265+/H.265/H.264+/H.264/H.264B; MJPEG
17	Video Streaming	BLC / HLC / WDR(120dB)
18	Resolution	Main Stream: (2560 × 1440@25/30fps); 2688 × 1520 (1 fps-20 fps) Sub Stream: (704 × 576@25 fps); (704 × 480@30 fps) 2688×1520(2688×1520);2560×1440(2560×1440);2304×1296(2304×1296);1080P (1920×1080);1.3M(1280×960);720P(1280×720);D1 (704×576/704×480);VGA (640×480);CIF (352×288/352×240)
19	Motion detection	Disable/Enable (4 areas, rectangle)
20	Privacy Mask	4 areas
21	ICR	ICR switch
22	ROI	Yes (4 areas)
23	Electronic Image Stabilization (EIS)	Support
24	Flicker Control (FLK)	Support
25	Audio Input	1 (RCA port)
26	Audio Output	1 (RCA port)
27	Audio Compression	G.711A/G.711Mu/G.726/AAC
28	Mirror	Yes
29	Alarm IN	1 channel In: 5mA 5VDC
30	Alarm Out	1 channel Out: 300mA 12VDC
31	Video Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps
32	Bit Rate	CBR/VBR
33	Smart Detection	Intrusion; tripwire
34	Event Trigger	Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, local alarm, voltage detection, audio abnormal

GREEN WORLD CHS LTD

REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

GUT NO. 242, HISSA NO. 1 TO 7, DIGHE, NAVI MUMBAI - 400 708

35	Protocol	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS Layer 3 DiffServ; SNMPv1/v2c/v3 (MIB-II); UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP; ONVIF (Profile S/Profile G); CGI; P2P; Milestone; Genetec
36	Ethernet	RJ-45 (10/100Base-T)
37	User Account	20 Users
38	IR	IR Range of 60 Mtr.
39	Smart Phone	iPhone, iPad, Android Phone
40	Micro SD	FTP ; SFTP ; Micro SD Card (support max. 256 GB); NAS
41	Operating Temperature	-30°C~+60°C , Less than 95%RH
42	Power Source	12V DC/PoE (802.3af)
43	Power Consumption	< 9.6W
44	Browser	IE, Chrome, Firefox
45	Weatherproof Standard	IP67, IK10(optional)
46	Casing	Metal

Technical Specifications for 43" Full HD LED TV

Sr. No.	Function	Minimum Specification
1	LED Panel Viewable Area	43"
2	Resolution	1920 x 1080
3	Front Controls	Power On/Off with LED
4	Operating Hours	24x7 application
5	Aspect Ratio	0.672916667
6	Panel Contrast Ratio	1200:1 or higher
7	Display colour	8 bit-16 million colours or better
8	Input Ports	Component/composite Video, DVI-D/HDMI,VGA, RCA - Audio(L/R) and video, USB
9	Output port for amplified audio	Min. 2X5W RMS (10% THD MAX.)
10	Internal Speakers	2
11	Speakers	min. 2x5W RMS (10% THD MAX) audio output
12	Power supply requirement	230V AC +/- 10%, 50 Hz 10

16 port POE switch

Sr. No.	Feature	Specification
1	Interfaces	16 port POE
2	Poe Ports	Port 1-8: IEEE 802.3at
		Poe+, providing up to 30W of DC power through each port

GREEN WORLD CHS LTD

REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

GUT NO. 242, HISSA NO. 1 TO 7, DIGHE, NAVI MUMBAI - 400 708

		Port 9-24: IEEE 802.3af
		Poe, providing up to 15.4W of DC power through each port
4	Acoustic noise (ANSI-S10.12)	31.8 dBA
5	Mean Time Between Failures (MTBF)	345,901 hours
6	Heat Dissipation (at AC 97VAC/47Hz and full Poe load)	901.2 Btu/H
7	POE Budget	120 watt
8	Approved Make	Netgear, D-Link, HP, Cisco

Technical Specification for 8 Port POE Network Switch

Sr. No.	Feature	Specification
1	Interfaces	08 Auto-sensing Gigabit ports, and four dedicated and two dedicated Gigabit SFP fiber ports.
2	Poe Ports	Port 1-8: IEEE 802.3at
3		Poe, providing up to 15.4W of DC power through each port
3	Bandwidth	20 Gbps
4	Acoustic noise (ANSI-S10.12)	0 dB
5	Mean Time Between Failures (MTBF)	345,901 hours
6	Heat Dissipation (at AC 97VAC/47Hz and full Poe load)	901.2 Btu/H
7	POE Budget	59.3 W
8	Approved Make	Netgear, D-Link, HP, Cisco

Technical Specification 64 channel NVR with 08 SATA

1	Processor	Quad-core Processor
2	IP Camera Input	64 channel
3	Operating System	Embedded LINUX
4	Two-way Talk	1 channel Input, 2 channel Output, RCA
5	User Interface	GUI
6	Video Output	2 HDMI , 2 VGA
7	Compression	Instastream/H.265/Smart H.264+/H.264/MJPEG
8	Video Resolution	HDMI1: 3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768 VGA1: 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768 ; HDMI2/VGA2: 1920 × 1080
9	Video Recording	320Mbps
10	Video Display Split	1st Screen: 1/4/8/9/16/25/36/64, 2nd Screen:

GREEN WORLD CHS LTD

REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

GUT NO. 242, HISSA NO. 1 TO 7, DIGHE, NAVI MUMBAI - 400 708

		1/4/8/9/16
11	Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P etc.
12	OSD	Camera title, Time, Camera lock, Motion detection, Recording
13	Motion Detection	MD Zones: 396(22×18).
14	Video Loss	Supports
15	Camera Blank	Supports
16	Alarm Input	16 Ch.
17	Alarm Output	6 Ch.
18	Smart Phone	iPhone, iPad, Android Phone
19	Hard Disk	8 SATA III ports, up to 16TB Each, 1 eSATA port
20	Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
21	PoE	N/A
22	Bit Rate	16Kbps ~ 20Mbps Per Channel
23	RAID	Raid 0/1/5/10
24	Decoding Capability	4-ch@8MP(30fps), 16-ch@1080P(30fps)
25	Recording Mode	Manual, Schedule (Regular, MD (Motion Detection), Alarm, IVS), Stop
26	Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second)
27	Sync Playback	1/4/9/16
28	Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom
29	Backup Mode	USB Device/Network/eSATA Device
30	Interface Ports	4 USB ports(2 USB2.0, 2 USB3.0), 1 RS485, 1 RS232
31	Max User Account	128 users
32	Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
33	Ethernet	2 RJ-45 port (10/100M/1000Mbps) Independent or Joint Working
34	Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search, ONVIF 2.4, SDK, CGI
35	Power Supply	Single, AC100V ~ 240V, 50 ~ 60 Hz
36	Power Consumption	<16.7W (Without HDD)
37	Fan	Smart fan, automatically adjust running speed
38	Working Temp	-10 ~+55°C / 10~90%RH / 86~106kpa

GREEN WORLD CHS LTD

REG. NO. T.N.A./(T.N.A.)/HSG(TC)/34537/JTR/2021-2022

GUT NO. 242, HISSA NO. 1 TO 7, DIGHE, NAVI MUMBAI - 400 708

39	Dimensions	440mm x 451.5mm x 94.9mm
40	Weight	6.55kg (without HDD)

Technical Specification for 3 KVA UPS		
Sr. No.	Feature	Specification
1	3 KVA UPS	3 kVA Online UPS system MTBF - MTTR with 8 units of battery, Back Up Time: 30-35 Min, Battery bank of SMF Batteries with interlink cable's, Input voltage - 160v - 260v & Output voltage - 230v, 1 Phase In 1 Phase Out, Efficiency >90%