

“सफा हिमाल अभियान २०२२” को लागी आवश्यक माउन्टेनियरिङ्ग ईक्युपमेन्टहरूको
स्पेसिफिकेशन

Specification of Goretex Suit



S.N.	Parameters	Specification	Remarks
1	Materials of Fabric	-100% Nylon Fabric 2.5LGoretex PACLITE	
2	Inner Fabric	100% Nylon, GSM 65(+5)	
3	Features	<ul style="list-style-type: none"> • Uses: Superlight Backcountry, Running / Training, Backpacking/Hiking, Rainwear • Waterproof, breathable 2.5-layer GORE-TEX PACLITE Plus fabric delivers next-to-skin comfort and durable, ultra-lightweight protection • Fully seam-sealed to lock out moisture • Zippered fly and snap closure • Brimmed hood with adjustable draw cord keeps hood in place throughout movement • One zippered chest pocket • Draft flap prevents moisture and cold air entering through ankle zips • Two harness-compatible hand pockets with stretch-mesh interior securely protects essentials without compromising safety or comfort • Center zip and chest pocket zipper are polyurethane-coated for added water resistance • Packs down into its own pocket for compact, everyday readiness • Articulated shoulder seams minimize stitching, reducing abrasion under shoulder straps • Two stirrup loops inside each ankle hem for optional security under boots • Packs down into its own pocket for compact, everyday readiness 	
4	Weight	321gm ± 20gm	
5	Colour	Available (black, yellow, red, grey Navy, etc...)	
6	Size	S, M ,and L (As per requirement)	
7	Design	As per picture	
8	Standard	ISO or equivalent	

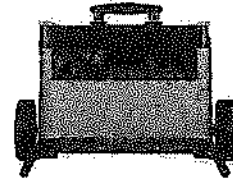
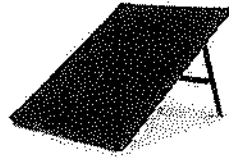
Group ~~ABC~~ ref ✓ 3/3 10/10/21 10/10/21 10/10/21 10/10/21 10/10/21

Specification of Windcheater Jacket



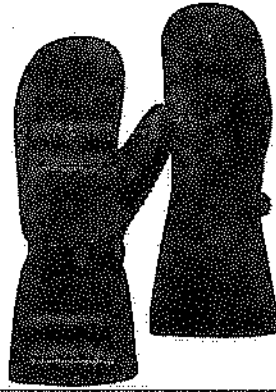
S.N.	Parameters	Specification	Remarks
1	Materials of Fabric	-88%±5 nylon/12%±2 elastane waterproof/breathable/windproof Fabric	
2	Inner Fabric	100% nylon GSM 65(+5)	
3	Features	<ul style="list-style-type: none"> • Dry™ waterproof/breathable/windproof solution shields you from whatever the weather holds; durable water repellent (DWR) causes water to bead up and roll off • Pit zip vents offer ventilation and are sealed with DWR • Underarm gussets and stretchy shell fabric add mobility and durability • Adjustable, climbing-helmet-compatible hood makes it perfect for on-route escapades when inclement weather rolls in • Packs into right-hand pocket with carabineer clip loop • Adjustable hem and cuffs dial in the fit • Polyurethane-coated reverse-coil center-front zipper • Regular fit 	
4	Weight	455gm ± 20gm	
5	Colour	Available (black, yellow, red, grey Navy, etc..)	
6	Size	S, M ,and L(As per requirement)	
7	Standard	ISO or equivalent	
8	Design	As per picture	

Specification of Portable Solar Panel with Battery (Golzero Equivalent)



S.N	Description	Specification	Remarks
1	Propose	Laptop, Printer and Camera use	
2	Feature	<ul style="list-style-type: none"> ✓ 100 Watt (14-22V) panel features integrated kickstand providing optimal angle placement ✓ Built with strong tempered glass and an aluminum frame with added corner protection 	
3	Solar	400W (Boulder/Nomad 200 X 2): 9-18 Hours	
4	Ports	<ul style="list-style-type: none"> • USB-A port (output): 5V, up to 2.4A (12W max), regulated • USB-C port (output): 5 - 12V, up to 3.0A (18W max), regulated • USB-C PD port (input / output): 5 - 20V, up to 3.0A (60W max), regulated • 6mm port (output, 6mm): 12V, up to 10A (120W max), regulated • High Power charging port (input): 14-50V, up to 50A (600W max) 	
5	General	<ul style="list-style-type: none"> ✓ Simultaneous Recharge & Discharge: Yes ✓ Product SKU: 36400 ✓ Dimensions: 15.25 x 10.23 x 13.6 in (38.74 x 25.98 x 34.54 cm) ✓ Operating usage temperature: 32-104 F (0-40 C) ✓ Warranty: 12 months 	
6	Run Time	<ul style="list-style-type: none"> ✓ Recharges ✓ Smart Phone (12 Wh): 253 ✓ Tablet (30 Wh): 101 ✓ Laptop (50 Wh): 61 ✓ POV Camera (5 Wh): 607 ✓ DSLR Camera (18 Wh): 169 ✓ Hours of Runtime ✓ Light-a-Life 350 (4.5 Wh): 674 ✓ WiFi Router (25 W): 122 	
7	Battery Details	<ul style="list-style-type: none"> ✓ Cell chemistry: Li-ion NMC ✓ Pack capacity: 3032Wh (10.8V, 280.8Ah) ✓ Single Cell Equivalent Capacity: 842.4Ah @ 3.6V ✓ Pack Lithium Content: 253g ✓ Lifecycles: 500 Cycles to 80% capacity (Discharge rate: 1C, Full charge/discharge, Temp: 25C) ✓ Shelf-life: Charge every 3-6 months ✓ Management system: MPPT charge controller 	
8	Battery Weight	Weight: 69.78 lbs (31.65 kg)	
9	Solor Panel Weight	20.1 lbs (9.1 kg)	

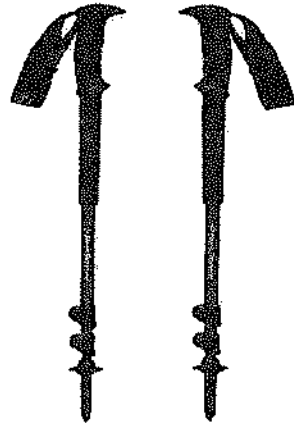
Specification of Mitten Gloves



S.N	Parameters	Specification	Remarks
1	Outer shell	340 g Prima Loft Kodenshi	
2	Inner shell	200 g Prima Loft Kodenshi	
3	Temp Range	-40/-28 °C (-40/-20 °F)	
4	Features	<ul style="list-style-type: none">✓ Removable liner with a 100% waterproof and breathable Gore-Tex insert with XCR Product Technology✓ Reinforced thumb for working with fixed lines✓ Woven nylon, abrasion-resistant shell with 4-way stretch✓ Leather palm with Kevlar stitching	
5	Colour	Available	
6	Weight	424 g±20	
7	Standard	UIAA or Equivalent	
8	Warranty	Minimum 1 Year	

Handwritten signatures and initials:
Gouf, [Signature], [Signature], [Signature], [Signature], [Signature], [Signature], [Signature]

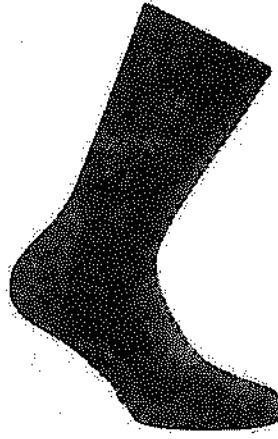
Specification of Trekking Poles



S.N	Description	Specification	Remarks
1	Usable Length	100-140 cm (40-55 in)	
2	Collapsed Length	63 cm (25 in)	
3	Features	<ul style="list-style-type: none"> ✓ 7075 Aluminum shafts ✓ Ribbed ergonomic rubber grip for added comfort and breathability ✓ EVA foam grip extension ✓ Flick Lock adjustability ✓ Rubber grip extension ✓ Vari-width nylon webbing strap with woven lining for increased comfort ✓ 4 season flex tips with trekking baskets included (snow basket compatible) 	
4	Weight	610 g±10 (1 lb 5 oz)	
5	Standard	UIAA or Equivalent	
6	Warranty	Minimum 1 Year	

Shivam *Prakash* *27/07* *Shivam* *Prakash* *27/07*

Specification of High Altitude Socks



S.N	Parameters	Specification	Remarks
1	Material	<ul style="list-style-type: none"> ✓ 59%±2 polyacrylic ✓ 14%±2 virgin wool ✓ 12%±2 polyamide ✓ 10% ±2PTFE (Profilen) ✓ 1% elastane (Lycra) 	
2	Weight	100gm±10 gm	
3	Size	Standard (as per requirement)	
4	Colour	Available	
5	Features	<ul style="list-style-type: none"> ✓ Heat regulation technology, highest thermal properties at low weight and cooling effect at high temperatures ✓ Anatomical left/right design for customized fit ✓ Targeted reinforced shin area ✓ Padded instep for better fit, more support and less pressure on the foot ✓ Terrycloth provides padding and is exceptionally comfortable ✓ Silver fibers have an odor inhibiting, antibacterial and antistatic effect. ✓ Soft edge for a comfortable fit without slipping ✓ Linked sock toe for a seamless toe area to prevent friction or irritation to the foot 	
6	Standard	UIAA or Equivalent	
7	Warranty	Minimum 1 Year	

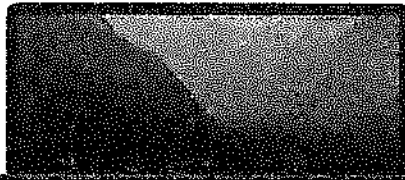
Handwritten notes and signatures:
 90...
 ✓
 5/14/14
 [Signatures]

Specification of Expedition Socks



S.N.	Parameters	Specification	Remarks
1.	Material	<ul style="list-style-type: none"> ✓ 48%±2 merino wool ✓ 22%±2 polyamide ✓ 18%±2 silk ✓ 7%±2 PTFE ✓ 4% ±1 silver ✓ 1% spandex (Lycra) 	
2.	Purpose	8000mtr Expedition	
3.	Features	<ul style="list-style-type: none"> ✓ Heat shield and natural heat regulation for best thermal properties ✓ Targeted toe and upper heel reinforcement with Profilen fibers that are dirt- and water-repellent and offer superior gliding properties to prevent blisters ✓ Rohner's patented Air Channel System prevents heat and moisture build-up and keeps your socks and feet dry for hours guaranteed ✓ Skin-friendly silver fibers (Silver fibers) have an odour-inhibiting, antibacterial and antistatic effect ✓ Merino wool regulates heat and moisture to keep your feet warm in the cold and cool in the heat ✓ Completely made of terry cloth for the best padding, comfort and shock-absorbing properties ✓ Linked sock toe for a seamless toe area to avoid friction or irritation of the foot 	
4.	Standard	UIAA or Equivalent	
5.	Weight	160gm±10 gm	
6.	Size	Standard (as per requirement)	
7.	Colour	Available	
8.	Warranty	Minimum 1 Year	

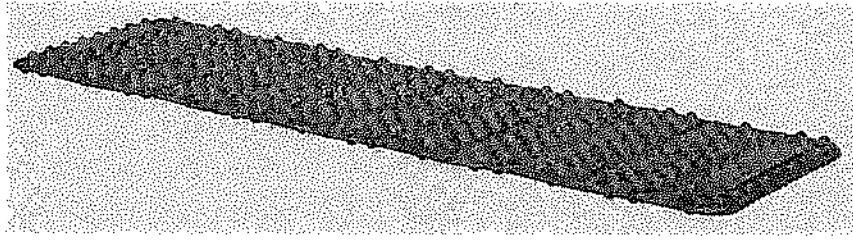
Laptop for High Altitude (Mac or Equivalent)



S.N	Description	Specification	Remarks
1	Display	Retinadisplay13.3-inch (diagonal) LED-backlit display with IPS technology; 2560-by-1600 native resolution at 227 pixels per inch with support for millions of colors Supported scaled resolutions: <ul style="list-style-type: none"> • 1680 by 1050 • 1440 by 900 • 1024 by 640 • 500 nits brightness • Wide color (P3) • True Tone technology 	
2	Processor Chip	Minimum M1 chip <ul style="list-style-type: none"> • 8-core CPU with 4 performance cores and 4 efficiency cores • 8-core GPU • 16-core Neural Engine 	
3	Battery and Power	<ul style="list-style-type: none"> • Minimum Up to 15 hours wireless web • Minimum Up to 18 hours • Built-in 49.9-watt-hour lithium-polymer battery • 30W USB-C Power Adapter 	
4	Charg-ing and Expan-sion	Two Thunderbolt / USB 4 ports with support for: Charging, Display Port/ Thunderbolt 3 (up to 40Gb/s) USB 4 (up to 40Gb/s) USB 3.1 Gen 2 (up to 10Gb/s)	
5	Memory	Minimum 8GB unified memory Configurable to: 16GB	
6	Storage	Minimum 256GB SSD (Configurable upto: 512GB, 1TB, or 2TB)	
7	Audio	Stereo speakers with high dynamic range Wide stereo sound Support for Dolby Atmos playback Studio-quality three-mic array with high signal-to-noise ratio and directional beam forming 3.5mm headphone jack	
8	Connectivity	Wi-Fi 802.11ax Wi-Fi 6 wireless networking IEEE 802.11a/b/g/n/ac compatibles Bluetooth Bluetooth 5.0 wireless technology	
9	Key-board and Track-pad	Backlit Magic Keyboard with: 78 (U.S.) or 79 (ISO) keys including 12 function keys and 4 arrow keys in an inverted-T arrangement Ambient light sensor Force Touch track pad for precise cursor control and pressure-sensing capabilities; enables Force clicks, accelerators, pressure-sensitive drawing, and Multi-Touch gestures	
10	Standard	ISO or Equivalent	
11	Warranty	Minimum 1 Year or OEM provided whichever is greater.	
12	Included Accessories	Laptop bag, wireless mouse of same brand,61W USB-C Power Adapter USB-C Charge Cable (2m) Wireless	

Handwritten signatures and initials at the bottom of the page.

Specification of Carry Matteries



S.N.	Description	Specification	Remarks
1	Materials	Top: closed-cell IXPE foam, DWR free	
2	Temperature:	6°C	
3	R-Value (ASTM F3340-18):	1.5	
4	Thickness	1.8cm	
5	Length	183cm	
6	Shoulder Width: Foot Width:	52:52cm	
7	Weight	300 to 350g	
8	Warranty	Minimum 1 Year	

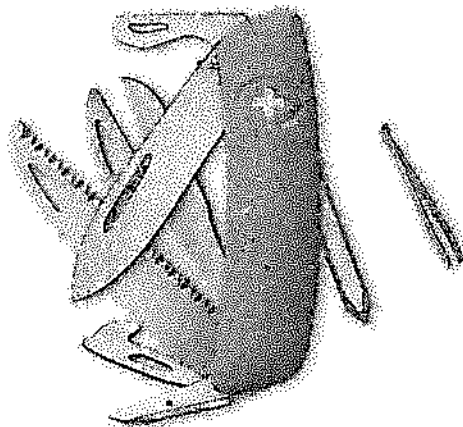
Specification of Sun Lotion SPF50



Sun Lotion SPF50			
S.N.	Description	Specification	Remarks
1	Purpose	For Climbing and Trekking	
2	Sun Protection		
3	Recommended Uses For Product	Sun, Moisturizing	
4	Features	<ul style="list-style-type: none"> • Sun lotion is water resistant • Sun Lotion has light and non sticky formula which is quickly absorbed • It provides protection against both UVA and UVB rays • Sun Lotion has light and non sticky formula which is quickly absorbed • It provides protection against both UVA and UVB rays • Sun lotion has PA++ and Advanced Collagen Protect. It protects skin's collagen to help prevent wrinkles caused by frequent sun exposure 	
5	Warranty	Minimum 1 Year	

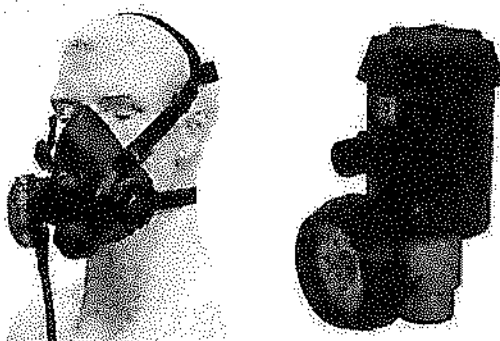
G...
 [Handwritten signatures and initials]

Specification of Swiss Knife



S.N	Description	Specification	Remarks
1	Materials	Plastic	
2	Dimensions	90-99cm	
3	Functions	Blade, 75mm, Bottle opener and wire bender, Can opener, Phillips screwdriver No.1-3, Reamer/Punch with Sewing-Awl, Safety lock, Scissors, 75mm, Tweezers, 47mm, Wood Saw with 31 teeth, 77mm	
4	Warranty	Minimum 1 Year	

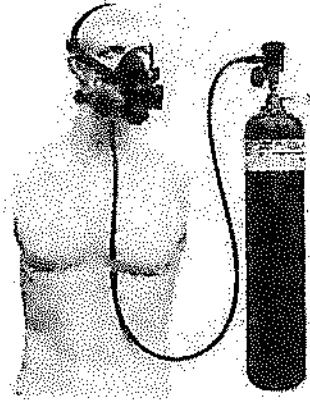
Specification of Regulator & Mask (Top out or summit Equivalent)



S.N	Description	Specification	Remarks
1	Purpose	For 8000 M and above mountain Climbing	
2	Facemask Size	S/M	
3	Mask and Regulator Weight	Mask: Regulator: 240g	
4	Regulator Pressure	0 to 4lpm	
5	Mask flow rates	100ml (4lpm) to 200ml (6lpm)	
6	Certification	ISO or equivalent	
7	Warranty	Minimum 1 Year	

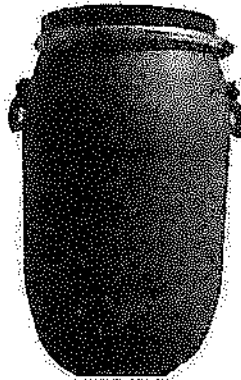
Handwritten signatures and notes:
 3/5/07
 7/12/07
 [Several illegible signatures and initials]

Specification of Oxygen for Climbing (Summit or Poisk Equivalent)



S.N.	Description	Specification	Remarks
1	Purpose	For 8000 M and above mountain Climbing	
2	Cylinder Capacity	4-ltr Oxygen Cylinder	
3	Working Pressure	300 Bar	
4	Water Test Pressure	450 Bar	
5	Weight	3.9 to 4 kg	
6	Length/Diameter	567x110mm (approx)	
7	Water volume	4 L	
8	Certification	ISO or equivalent	
9	Warranty	Minimum 1 Year	

Specification of Plastic Drum



S.N.	Description	Specification	Remarks
1	Materials	Plastic	
2	Capacity	50-60 KG	
3	Features	UV Stabilizer When Exposed to Sunlight for Longtime	
4	Weight	2.5KG	
5	Shape	Round	
6	Thickness	8mm	
7	Warranty	Minimum 1 Year	

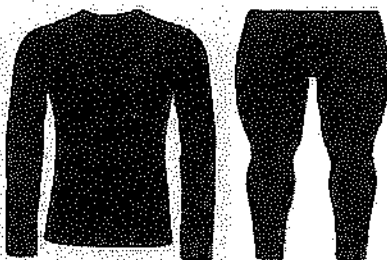
Glenn *AK* *py* *α* *3/3* *10/11/11* *kg* *to* *10* *11* *2*

Specification of Liners Gloves



S.N.	Parameters	Specification	Remarks
1	Material	66%±5 polyester/ 34%±5 wool	
2	Glove Type	Full Finger	
3	Weight	153gm±10gm	
4	Features	<ul style="list-style-type: none"> • Power Wool delivers a balance of warmth and durability • Digital thumb and index finger allow for touch-screen use with gloves. 	
5	Standard	ISO or equivalent	
6	Best Use	Multisport	
7	Design	As per picture	
8	Warranty	Minimum 1 Year	

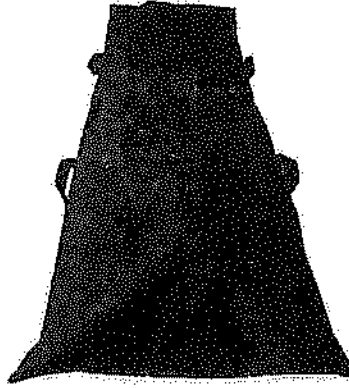
Specification of BASELAYER Set



S.N	Parameters	Specification	Remarks
1	Materials	78% Merino Wool, 22% Polyester Blend Single Jersey	
2	Gsm	150gsm ±5	
3	Purpose	For 8000 m mountain Climbing	
4	Features	<ul style="list-style-type: none"> • Nuyarn patented stretch extra-fine 18.5 micron merino wool technology for superior thermoregulation and moisture management performance exclusive to Black Diamond • Non-Mussed Merino certified wool • Flat lock stitching eliminates chafing • Integrated thumb-holes • Slim 	
5	Size	S,M,L,(as per requirement)	
6	Standard	ISO or equivalent	
7	Weight	320gm±10gm	
8	Colour	Available (black, yellow, red, grey Navy)	
9	Warranty	Minimum 1 Year	

Handwritten signatures and notes at the bottom of the page, including a large signature on the left and several smaller ones on the right.

Specification of Body Bag



S.N.	Parameters	Specification	Remarks
1	Material	100% Nylon inside PU coated	
2	Zipper Type	U-shape zipper and 2 zipper pulls with tie ribs. Center Zipper	
3	Number of Handles/ Grips	6	
4	Size/Dimensions	78 X 36 Inch ± 2 inch	
5	Loading Capacity	250KG	
6	Warranty	Minimum 1 Year	

Q. No. 1
Q. No. 2
Q. No. 3
Q. No. 4
Q. No. 5
Q. No. 6