(Externally Funded) NON-CONSUMABLE (Below Rs. 5.00 lakh)			
S.No.	Project No.	Item Name	Qty.
1	TSP 180932	Multifunctional Printers	10
2	GAP 150132	Rubidium Frequency Standard	1
3	GAP 150132	GNSS receiverwith acessories	2
4	GAP 181132	Ozone Analyser	1
5	GAP 181132	Desktop UPS	7
6	GAP 181132	Router/Switches	4
7	GAP 181132	Network multipurpose printer	1
8	GAP 181132	Workstation	1
9	GAP 181132	Overhead Projector with smart screen	1
10	GAP 181132	Network UPS	1
11	GAP 181132	Digital Multimeter	2
12	GAP 181132	Digital temp. and humidity meter	2
13	GAP 181132	Digital mass flow controller	3
14	GAP 181132	Variable AC Source	1
15	GAP 181132	5.5 KVA Online UPS with 2.5 hours backup for	1
		the secondary ozone standard lab	Т
16	GAP 181132	Gas regulator	5
17	GAP 181132	Funtion Generator	1
18		High Performance Power Supply	2
19		ESD Work Bench	1
20	GAP 181132	Volumetric flow system	1
21	GAP 181132	Liquid Nitrozen Contener (20 ltr)	2
22	GAP 181132	Streo microscope	1
23	GAP 181132	Vacuum filter assembly	1
24	GAP 181132	Vaccume cleaner	1
25	CLP 230132	Audio System comprising of Loudspeaker	1
		and compatible Power Amplifier	1
26	CLP 230132	6½ Digit Voltmeter	1
27	CLP 230132	CCTV Camera and associated accessories	1
28	CLP 230132	Temperature, Humidity and Barometric	1
		sensor module	1

(Externally Funded) NON - CONSUMABLE (Above Rs. 5.00 lakh)					
S.No	Project No.	QTY	Est. Cost		
1	TSP 180932	Furniture for traceability Lab	1	5.50	
2	TSP 180932	Antenna control unit	1	6.60	
3	TSP 180932	Works and services for IT	1	5.50	
4	TSP 180932	Furniture for RRSLs and DRC	6	9.00	
5	TSP 180932	TWSTFT equipment	1	150.00	
6	TSP 180932	AC systems, UPS and batteries	5	100.00	
7	TSP 180932	Other time scale equipment	5	60.00	
8	TSP 180932	Office Computers	20	25.00	
9	GAP 230132	Turbo Molecular Pump HiPace 80	1	5.90	
10	GAP 181132	Walk-in type environmental chamber	1	163.00	
11	GAP 181132	Multi-Gas Calibrator	1	20.00	
12	GAP 181132	Ozone Transfer Standard	1	10.78	
13	GAP 181132	Zero Air Genrator	1	8.05	

^{*}The publication of this list shall not be construed as initiation of a procurement process and cast anyobligation on CSIRNPL to issue the bidding document or confer any right on prospective bidders (Rule 144(x)of GFR 2017)

			Total	3303.51
27	GAP 181132	ICP-OES and IC	1	100.00
26	GAP 181132	Microwave digestion system	1	30.00
25	GAP 181132	Electrical Low Pressure Impactor Sampler	1	30.00
24	GAP 181132	Particle Sizer Spectrometer	1	30.00
23	GAP 181132	FRM sampler	2	35.00
		electrostatic neutralizer	1	150.00
22	GAP 181132	Micro-balance with chamber and	1	
21	GAP 181132	FTIR purge gas generator	1	20.00
20	GAP 181132	Field test/PM CEMS test facility	1	400.00
19	GAP 181132	Water Vapor Generator	1	10.00
		CAAQMS		1744.00
		certification facility for OCEMS and	1	
18	GAP 181132	Customised testing, calibration &		
		m optical path length)		165.00
		path length (0.3 to 1 m, 1m to 6m and 40	1	
		Customised gas cells of variable optical	1	
17	GAP 181132	FTIR (including vacuum pump)		
16	GAP 181132	Digital barometer	2	5.20
15	GAP 181132	Clamp meter	8	8.00
14	GAP 181132	Computer	7	6.98

(Externally Funded) CONSUMABLE (Below Rs. 5.00 lakh)				
S.No.	Project No.	Item Name	Qty.	
1	TSP 180932	Tool Kit and Ratchet set	6	
2	TSP 180932	Crimping Tool for RG316, RG223/U	6	
3	TSP 180932	Crimping Tool for LMR400.	6	
4	TSP 180932	Crimping Tool for RJ45	6	
5	TSP 180932	Hot Blower	6	
6	TSP 180932	Power Extension Board (min. 5 socket)	15	
7	TSP 180932	BNC Connectors for RG223	820	
8	TSP 180932	BNC Connectors for RG316	575	
9	TSP 180932	N type Connectors for RG223	125	
10	TSP 180932	N type Connectors for LMR400	90	
11	TSP 180932	BNC Female to BNC Female Adapters	85	
12	TSP 180932	N-female to N –female adapter	85	
13	TSP 180932	SMA female to SMA female adapter	85	
14	TSP 180932	N-male to BNC Female adapter	85	
15	TSP 180932	N-male to BNC male adapter	85	
16	TSP 180932	BNC male to N –female adapter	85	
17	TSP 180932	SMA male to BNC female adapter	85	
18	TSP 180932	3-dB splitters (BNC)	75	
19	TSP 180932	3-dB Attenuators	40	
20	TSP 180932	Terminator (50 Ohm BNC)	160	
21	TSP 180932	LAN Cables (2 m)	145	
22	TSP 180932	LAN Cables (3 m)	350	

^{*}The publication of this list shall not be construed as initiation of a procurement process and cast anyobligation on CSIRNPL to issue the bidding document or confer any right on prospective bidders (Rule 144(x)of GFR 2017)

24			I	
25 TSP 180932 Cat6 UTP Cable Roll (m) 430 26 TSP 180932 RN45 connectors 340 27 TSP 180932 RS232 3 core shielded Cable Roll (m) 1025 28 TSP 180932 Serial Connectors (DB9 Male) 420 29 TSP 180932 Serial Connectors (DB9 Female) 420 30 TSP 180932 PL/S sleeve (Bmm) (m) 115 31 TSP 180932 H/S sleeve (Bmm) (m) 115 32 TSP 180932 H/S sleeve (1.5 or 2mm) (m) 115 33 TSP 180932 Grounding Wire (Yellow or Green) 4sq m 75 35 TSP 180932 Round lug for grounding wire (M6)Nos 850 36 TSP 180932 AT-1 carrier strip (Packets) 75 37 TSP 180932 AT-1 carrier strip (Packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 75 40 TSP 180932 SMA Connectors for RG23 390 41 TSP 180932				
26 TSP 180932 RS232 3 core shielded Cable Roll (m) 1025 27 TSP 180932 Sezial Connectors (DB9 Male) 420 29 TSP 180932 Serial Connectors (DB9 Female) 420 30 TSP 180932 Dust cap (Hood) DB9 840 31 TSP 180932 H/S sleeve (8 mm) (m) 115 32 TSP 180932 H/S sleeve (3 or 4mm) (m) 115 34 TSP 180932 H/S sleeve (1.5 or 2mm) (m) 115 34 TSP 180932 Round lug for grounding wire (M6)Nos 850 36 TSP 180932 Round lug for grounding wire (M6)Nos 850 36 TSP 180932 AT-1 carrier strip (Packets) 75 37 TSP 180932 Cable tie (100mm) (packets) 75 38 TSP 180932 Cable tie (200mm) (packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 75 40 TSP 180932 Cable tie (200mm) (packets) 75 41 TSP 180932 SMA Connectors for RG223 390 42 <td< td=""><td>-</td><td></td><td></td><td></td></td<>	-			
27 TSP 180932 RS232 3 core shielded Cable Roll (m) 1025 28 TSP 180932 Serial Connectors (DB9 Male) 420 29 TSP 180932 Dust cap (Hood) DB9 840 30 TSP 180932 Dust cap (Hood) DB9 840 31 TSP 180932 H/S sleeve (Romm) (m) 115 32 TSP 180932 H/S sleeve (3 or 4mm) (m) 115 33 TSP 180932 H/S sleeve (1.5 or 2mm) (m) 115 34 TSP 180932 Grounding Wire (Yellow or Green) 4sq m 75 35 TSP 180932 Round lug for grounding wire (M6)Nos 850 36 TSP 180932 AT-1 carrier strip (Packets) 75 37 TSP 180932 AT-2 carrier strip (Packets) 75 38 TSP 180932 Cable tie (200mm) (packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 75 40 TSP 180932 Cable tie (300mm) (packets) 75 41 TSP 180932 Cable tie (300mm) (packets) 75 42 TSP 18				
TSP 180932 Serial Connectors (DB9 Male) 420	-			
29				
30	28	TSP 180932	Serial Connectors (DB9 Male)	420
31 TSP 180932 H/S sleeve (8mm) (m) 115 32 TSP 180932 H/S sleeve (3 or 4mm) (m) 115 33 TSP 180932 Grounding Wire (Yellow or Green) 4sq m 75 34 TSP 180932 Round lug for grounding wire (M6)Nos 850 36 TSP 180932 AT-1 carrier strip (Packets) 75 37 TSP 180932 AT-1 carrier strip (Packets) 75 37 TSP 180932 AL/S sleeve (Transparent) 7mm/8mm (m) 115 38 TSP 180932 Cable tie (100mm) (packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 75 40 TSP 180932 Cable tie (300mm) (packets) 45 41 TSP 180932 SMA Connectors for RG223 390 42 TSP 180932 SMA Connectors for RG316 555 43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for RG316 45 45 TSP 180932 TNC type connector for RG316 45 46 <	29	TSP 180932	Serial Connectors (DB9 Female)	420
32 TSP 180932 H/S sleeve (3 or 4mm) (m) 115 33 TSP 180932 H/S sleeve (1.5 or 2mm) (m) 115 34 TSP 180932 Round lug for grounding wire (M6)Nos 850 35 TSP 180932 Round lug for grounding wire (M6)Nos 850 36 TSP 180932 AT-1 carrier strip (Packets) 75 37 TSP 180932 Cable tie (100mm) (packets) 75 38 TSP 180932 Cable tie (200mm) (packets) 75 40 TSP 180932 Cable tie (300mm) (packets) 75 40 TSP 180932 Cable tie (300mm) (packets) 45 41 TSP 180932 SMA Connectors for RG223 390 42 TSP 180932 TNC type connector for RG223 55 43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for RG216 45 45 TSP 180932 TNC type connector for RG316 45 47 TSP 180932 Power cords(Nos) 70 49 TSP 180932<	30	TSP 180932	Dust cap (Hood) DB9	840
TSP 180932 H/S sleeve (1.5 or 2mm) (m) 115 34 TSP 180932 Grounding Wire (Yellow or Green) 4sq m 75 35 TSP 180932 Round lug for grounding wire (M6)Nos 850 36 TSP 180932 AT-1 carrier strip (Packets) 75 37 TSP 180932 AT-2 carrier strip (Packets) 75 37 TSP 180932 Cable tie (100mm) (packets) 75 38 TSP 180932 Cable tie (200mm) (packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 75 40 TSP 180932 Cable tie (300mm) (packets) 41 TSP 180932 SMA Connectors for RG223 390 39	31	TSP 180932	H/S sleeve (8mm) (m)	115
34 TSP 180932 Grounding Wire (Yellow or Green) 4sq m 75 35 TSP 180932 Round lug for grounding wire (M6)Nos 850 36 TSP 180932 AT-1 carrier strip (Packets) 75 37 TSP 180932 LyS sleeve (Transparent) 7mm/8mm (m) 115 38 TSP 180932 Cable tie (100mm) (packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 45 40 TSP 180932 SMA Connectors for RG223 390 41 TSP 180932 SMA Connectors for RG316 555 43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for RG316 45 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 BNC-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Antivirus 3yrs Lic 30 50 TSP 180932 MS Office 2019 30 51 TSP 180932	32	TSP 180932	H/S sleeve (3 or 4mm) (m)	115
35 TSP 180932 Round lug for grounding wire (M6)Nos 850 36 TSP 180932 AT-1 carrier strip (Packets) 75 37 TSP 180932 H/S sleeve (Transparent) 7mm/8mm (m) 115 38 TSP 180932 Cable tie (100mm) (packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 45 40 TSP 180932 SMA Connectors for RG223 390 41 TSP 180932 SMA Connectors for RG223 390 42 TSP 180932 TNC type connector for RG223 55 43 TSP 180932 TNC type connector for LMR400 90 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 TNC type connector for RG316 45 47 TSP 180932 TNC type connector for RG316 45 48 TSP 180932 SMA-female to TNC-male 80 47 TSP 180932 Devercords(Nos) 70 49 TSP 180932 Operating system (Win-10 Professional, 64 bit) 6 50 <td< td=""><td>33</td><td>TSP 180932</td><td>H/S sleeve (1.5 or 2mm) (m)</td><td>115</td></td<>	33	TSP 180932	H/S sleeve (1.5 or 2mm) (m)	115
36 TSP 180932 AT-1 carrier strip (Packets) 75 37 TSP 180932 H/S sleeve (Transparent) 7mm/8mm (m) 115 38 TSP 180932 Cable tie (100mm) (packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 75 40 TSP 180932 Cable tie (300mm) (packets) 45 41 TSP 180932 SMA Connectors for RG223 390 42 TSP 180932 TMC type connector for RG223 55 43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for RG316 45 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 TNC type connector for RG316 45 47 TSP 180932 TNC type connector for RG316 45 48 TSP 180932 BNC-female to TNC-male 80 47 TSP 180932<	34	TSP 180932	Grounding Wire (Yellow or Green) 4sq m	75
37 TSP 180932 H/S sleeve (Transparent) 7mm/8mm (m) 115 38 TSP 180932 Cable tie (100mm) (packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 75 40 TSP 180932 Cable tie (300mm) (packets) 45 41 TSP 180932 SMA Connectors for RG223 390 42 TSP 180932 TNC type connector for RG316 555 43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for RG216 45 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 DNC-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Antivirus 3yrs Lic 30 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 MS Office 2019 30 52 TSP 180932 Keyboard USB	35	TSP 180932	Round lug for grounding wire (M6)Nos	850
38 TSP 180932 Cable tie (100mm) (packets) 75 39 TSP 180932 Cable tie (200mm) (packets) 75 40 TSP 180932 Cable tie (300mm) (packets) 45 41 TSP 180932 SMA Connectors for RG223 390 42 TSP 180932 SMA Connectors for RG216 555 43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for LMR400 90 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 BNC-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Operating system (Win-10 Professional, 64 bit) 6 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 Mouse USB 60 52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 <	36	TSP 180932	AT-1 carrier strip (Packets)	75
39 TSP 180932 Cable tie (200mm) (packets) 75 40 TSP 180932 Cable tie (300mm) (packets) 45 41 TSP 180932 SMA Connectors for RG223 390 42 TSP 180932 SMA Connectors for RG316 555 43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for LMR400 90 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 SMA-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Antivirus 3yrs Lic 30 50 TSP 180932 MS Office 2019 30 51 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Wireless USB Dongle 30 55 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12	37	TSP 180932	H/S sleeve (Transparent) 7mm/8mm (m)	115
40 TSP 180932 Cable tie (300mm) (packets) 45 41 TSP 180932 SMA Connectors for RG223 390 42 TSP 180932 SMA Connectors for RG316 555 43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for RG216 45 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 BNC-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Power cords(Nos) 70 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Keyboard USB 30 55 TSP 180932 Wireless USB Dongle 30 57	38	TSP 180932	Cable tie (100mm) (packets)	75
41 TSP 180932 SMA Connectors for RG223 390 42 TSP 180932 SMA Connectors for RG316 555 43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for LMR400 90 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 BNC-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Operating system (Win-10 Professional, 64 bit) 6 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 Mouse USB 60 51 TSP 180932 Mouse USB 60 52 TSP 180932 Keyboard USB 30 54 TSP 180932 Keyboard USB 30 55 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 57 TSP 180932 USB to HDMI Cables 30	39	TSP 180932	Cable tie (200mm) (packets)	75
42 TSP 180932 SMA Connectors for RG316 555 43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for LMR400 90 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 BNC-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Power cords(Nos) 70 50 TSP 180932 MS Office 2019 30 51 TSP 180932 MS Office 2019 30 52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Keyboard USB 30 55 TSP 180932 Wireless USB Dongle 30 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 Screw Driver Set (PC, Workstn) 12 59 TSP 180932	40	TSP 180932	Cable tie (300mm) (packets)	45
43 TSP 180932 TNC type connector for RG223 55 44 TSP 180932 TNC type connector for LMR400 90 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 BNC-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Power cords(Nos) 70 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 MS Office 2019 30 52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Pen drives (3.0) 32 GB 60 55 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 Screw Driver Set (PC, Workstn) 12 59 <td< td=""><td>41</td><td>TSP 180932</td><td>SMA Connectors for RG223</td><td>390</td></td<>	41	TSP 180932	SMA Connectors for RG223	390
44 TSP 180932 TNC type connector for LMR400 90 45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 BNC-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Operating system (Win-10 Professional, 64 bit) 6 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 MS Office 2019 30 52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Keyboard USB 30 54 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 Screw Driver Set (PC, Workstn) 12 59 TSP 180932 Mouse PADs Anti Static 60 61 <td>42</td> <td>TSP 180932</td> <td>SMA Connectors for RG316</td> <td>555</td>	42	TSP 180932	SMA Connectors for RG316	555
45 TSP 180932 TNC type connector for RG316 45 46 TSP 180932 BNC-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Operating system (Win-10 Professional, 64 bit) 6 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 MS Office 2019 30 52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Keyboard USB 30 54 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 LAN Tester 12 59 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 Mouse PADs Anti Static 60 62 TSP 180932	43	TSP 180932	TNC type connector for RG223	55
46 TSP 180932 BNC-female to TNC-male 80 47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Operating system (Win-10 Professional, 64 bit) 6 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 MS Office 2019 30 52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Keyboard USB 30 54 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 USB USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 LAN Tester 12 59 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 Mouse PADs Anti Static 60 61 TSP 180932	44	TSP 180932	TNC type connector for LMR400	90
47 TSP 180932 SMA-female to TNC-male 80 48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Operating system (Win-10 Professional, 64 bit) 6 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 MS Office 2019 30 52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Keyboard USB 30 54 TSP 180932 Wireless USB DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 Wireless USB Dongle 30 58 TSP 180932 LAN Tester 12 58 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 Mouse PADS Anti Static 60 61 TSP 180932 Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera / other accessories 10 63 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 20 65 TSP 180	45	TSP 180932	TNC type connector for RG316	45
48 TSP 180932 Power cords(Nos) 70 49 TSP 180932 Operating system (Win-10 Professional, 64 bit) 6 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 MS Office 2019 30 52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Keyboard USB 30 54 TSP 180932 Pen drives (3.0) 32 GB 60 55 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 LAN Tester 12 59 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 Mouse PADs Anti Static 60 61 TSP 180932 Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera 10 / other accessories 20 64	46	TSP 180932	BNC-female to TNC-male	80
49 TSP 180932 Operating system (Win-10 Professional, 64 bit) 6 50 TSP 180932 Antivirus 3yrs Lic 30 51 TSP 180932 MS Office 2019 30 52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Pen drives (3.0) 32 GB 60 55 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 Screw Driver Set (PC, Workstn) 12 59 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 HDMI to HDMI Cables 12 61 TSP 180932 Mouse PADs Anti Static 60 62 TSP 180932 Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera / other accessories 10 63 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 20 65 TSP 180932 Video Conferencing accessories 10 <	47	TSP 180932	SMA-female to TNC-male	80
bit 50	48	TSP 180932	Power cords(Nos)	70
Dit So	49	TSP 180932	Operating system (Win-10 Professional, 64	6
51 TSP 180932 MS Office 2019 30 52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Pen drives (3.0) 32 GB 60 55 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 Screw Driver Set (PC, Workstn) 12 59 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 HDMI to HDMI Cables 12 61 TSP 180932 Mouse PADs Anti Static 60 62 TSP 180932 Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera / other accessories 10 63 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 20 65 TSP 180932 Video Conferencing accessories 10 66 TSP 180932 Battery and Electrical & Electronic			bit)	U
52 TSP 180932 Mouse USB 60 53 TSP 180932 Keyboard USB 30 54 TSP 180932 Pen drives (3.0) 32 GB 60 55 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 Screw Driver Set (PC, Workstn) 12 59 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 HDMI to HDMI Cables 12 61 TSP 180932 Mouse PADs Anti Static 60 62 TSP 180932 Maintenance of Equipment: AMC for UPS AC / Generator/ Data logger/ CCD camera 10 63 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 20 64 TSP 180932 Video Conferencing accessories 10 65 TSP 180932 Video Conferencing accessories 10 66 TSP 180932 Battery and Electrical & Electronic	50	TSP 180932	Antivirus 3yrs Lic	30
53 TSP 180932 Keyboard USB 30 54 TSP 180932 Pen drives (3.0) 32 GB 60 55 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 Screw Driver Set (PC, Workstn) 12 59 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 HDMI to HDMI Cables 12 61 TSP 180932 Mouse PADs Anti Static 60 62 TSP 180932 Maintenance of Equipment: AMC for UPS AC / Generator/ Data logger/ CCD camera 10 63 TSP 180932 RF cables, connectors and consumables 20 64 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 20 65 TSP 180932 Video Conferencing accessories 10 66 TSP 180932 Battery and Electrical & Electronic 20	51	TSP 180932	MS Office 2019	30
54 TSP 180932 Pen drives (3.0) 32 GB 60 55 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 Screw Driver Set (PC, Workstn) 12 59 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 HDMI to HDMI Cables 12 61 TSP 180932 Mouse PADs Anti Static 60 62 TSP 180932 Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera / other accessories 10 63 TSP 180932 RF cables, connectors and consumables 20 64 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 20 65 TSP 180932 Video Conferencing accessories 10 66 TSP 180932 Battery and Electrical & Electronic 20	52	TSP 180932	Mouse USB	60
55 TSP 180932 USB HARD DISK Drive (3.0) 2TB 12 56 TSP 180932 Wireless USB Dongle 30 57 TSP 180932 LAN Tester 12 58 TSP 180932 Screw Driver Set (PC, Workstn) 12 59 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 HDMI to HDMI Cables 12 61 TSP 180932 Mouse PADs Anti Static 60 62 TSP 180932 Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera 10 / other accessories 20 63 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 20 65 TSP 180932 Video Conferencing accessories 10 66 TSP 180932 Battery and Electrical & Electronic 20	53	TSP 180932	Keyboard USB	30
56TSP 180932Wireless USB Dongle3057TSP 180932LAN Tester1258TSP 180932Screw Driver Set (PC, Workstn)1259TSP 180932USB to HDMI Cables3060TSP 180932HDMI to HDMI Cables1261TSP 180932Mouse PADs Anti Static6062TSP 180932Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera / other accessories1063TSP 180932Stationary, Staplers, label printer, and other minor components & items2065TSP 180932Video Conferencing accessories1066TSP 180932Battery and Electrical & Electronic20	54	TSP 180932	Pen drives (3.0) 32 GB	60
57 TSP 180932 LAN Tester 12 58 TSP 180932 Screw Driver Set (PC, Workstn) 12 59 TSP 180932 USB to HDMI Cables 30 60 TSP 180932 HDMI to HDMI Cables 12 61 TSP 180932 Mouse PADs Anti Static 60 62 TSP 180932 Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera / other accessories 10 63 TSP 180932 RF cables, connectors and consumables 20 64 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 20 65 TSP 180932 Video Conferencing accessories 10 66 TSP 180932 Battery and Electrical & Electronic 20	55	TSP 180932	USB HARD DISK Drive (3.0) 2TB	12
TSP 180932 Screw Driver Set (PC, Workstn) TSP 180932 USB to HDMI Cables TSP 180932 HDMI to HDMI Cables TSP 180932 Mouse PADs Anti Static TSP 180932 Maintenance of Equipment: AMC for UPS AC / Generator/ Data logger/ CCD camera / other accessories TSP 180932 RF cables, connectors and consumables TSP 180932 Stationary, Staplers, label printer, and other minor components & items TSP 180932 Video Conferencing accessories TSP 180932 Battery and Electrical & Electronic	56	TSP 180932	Wireless USB Dongle	30
59TSP 180932USB to HDMI Cables3060TSP 180932HDMI to HDMI Cables1261TSP 180932Mouse PADs Anti Static6062TSP 180932Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera / other accessories1063TSP 180932RF cables, connectors and consumables2064TSP 180932Stationary, Staplers, label printer, and other minor components & items2065TSP 180932Video Conferencing accessories1066TSP 180932Battery and Electrical & Electronic20	57	TSP 180932	LAN Tester	12
60 TSP 180932 HDMI to HDMI Cables 61 TSP 180932 Mouse PADs Anti Static 60 62 TSP 180932 Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera / other accessories 63 TSP 180932 RF cables, connectors and consumables 20 64 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 65 TSP 180932 Video Conferencing accessories 10 66 TSP 180932 Battery and Electrical & Electronic	58	TSP 180932	Screw Driver Set (PC, Workstn)	12
61 TSP 180932 Mouse PADs Anti Static 60 62 TSP 180932 Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera / other accessories 63 TSP 180932 RF cables, connectors and consumables 20 64 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 65 TSP 180932 Video Conferencing accessories 10 66 TSP 180932 Battery and Electrical & Electronic 20	59	TSP 180932	USB to HDMI Cables	30
62 TSP 180932 Maintenance of Equipment: AMC for UPS /AC / Generator/ Data logger/ CCD camera / other accessories 63 TSP 180932 RF cables, connectors and consumables 64 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 65 TSP 180932 Video Conferencing accessories 66 TSP 180932 Battery and Electrical & Electronic	60	TSP 180932	HDMI to HDMI Cables	12
/AC / Generator / Data logger / CCD camera / other accessories 63 TSP 180932 RF cables, connectors and consumables 20 64 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 65 TSP 180932 Video Conferencing accessories 10 66 TSP 180932 Battery and Electrical & Electronic 20	61	TSP 180932	Mouse PADs Anti Static	60
/ other accessories 63 TSP 180932 RF cables, connectors and consumables 64 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 65 TSP 180932 Video Conferencing accessories 66 TSP 180932 Battery and Electrical & Electronic	62	TSP 180932		
TSP 180932 RF cables, connectors and consumables 20 TSP 180932 Stationary, Staplers, label printer, and other minor components & items TSP 180932 Video Conferencing accessories 10 TSP 180932 Battery and Electrical & Electronic 20				10
64 TSP 180932 Stationary, Staplers, label printer, and other minor components & items 65 TSP 180932 Video Conferencing accessories 66 TSP 180932 Battery and Electrical & Electronic				
other minor components & items 65 TSP 180932 Video Conferencing accessories 66 TSP 180932 Battery and Electrical & Electronic	63	TSP 180932	RF cables, connectors and consumables	20
other minor components & items 65 TSP 180932 Video Conferencing accessories 66 TSP 180932 Battery and Electrical & Electronic 20 20 20	64	TSP 180932	Stationary, Staplers, label printer, and	20
66 TSP 180932 Battery and Electrical & Electronic	<u></u>		other minor components & items	20
1 ' 1 20 1	65	TSP 180932	Video Conferencing accessories	10
accessories	66	TSP 180932	Battery and Electrical & Electronic	20
ı ı l			accessories	20

^{*}The publication of this list shall not be construed as initiation of a procurement process and cast anyobligation on CSIRNPL to issue the bidding document or confer any right on prospective bidders (Rule 144(x)of GFR 2017)

67	TSP 180932	Replacement of Spare part of equipment	2
68	TSP 180932	Charges relating to organization of	
		Meetings/ Seminars/ Workshops/	1 set
		Conference / Training	_ 550
69	TSP 180932	Training at ISRO for Project Team and	
	131 100332	temporary staff	1 set
70	TSP 180932	Registration and Training fee of Project	
/0	137 180932	Team and temporary staff	1 set
71	TSP 180932	Job work	1 cot
		JOD WOLK	1 set
72	TSP 180932	License (including satellite license) and fees	1 set
73	TSP 180932	Honorarium to consultants, experts and	1 cot
		TSC members	1 set
74	TSP 180932	Job work of Printing of Reports, Tenders,	4
		Advertisements, etc	1 set
75	TSP 180932	Transportation of equipment from ISRO to	
		RRSLs	1 set
76	TSP 180932	Poster Printing charges/ exhibition	
, ,	131 100332	arrangements	1 set
77	TSP 180932	Internet / Telephone / Transponder	
''	151 100552	charges	1 set
78	TSP 180932	Web charges and Software development	
/6	137 160932	fee	1 set
79	TSP 180932	Books and Standards	1 set
80	TSP 180932	Stationary	1 set
81	TSP 180932	Printing charges	1 set
82	TSP 180932	Administrative charges for Meetings	
		/Seminars/Workshops/Conference	1 set
83	TSP 180932	Postage and Courier charges	1 set
84	TSP 180932	Canteen and food expenses	1 set
85	TSP 180932	Hot and Cold charges	1 set
86	TSP 180932	Legal expenses/ fee to consultants, auditor	
		and CA	1 set
87	TSP 180932	Furniture repairs and maintenance	1 set
88	TSP 180932	Miscellaneous and unforeseen	1 set
	ł	Silver Paste	
89	TSP 230132		100 gm
90	TSP 230132	Refilling of Hydrogen gas cylinders	5
91	TSP 230132	Repairing of glass double water distillation	1
		unit	
92	TSP 230132	O-rings	As per
			requirement
93	TSP 230132	Quartz tube	1
94	TSP 230132	Asaclean Purging compound	20kg
95	TSP 230132	Gas regulators	3
96	TSP 230132	Handheld Digital Infrared Thermometer	1
97	TSP 230132	Nylon, Teflon, Glass fiber cloth mesh	As per
		, , , = = , = === === =================	requirement
98	TSP 230132	Aluminum Foil (thick)	As per
			requirement
<u> </u>	<u> </u>		requirement

^{*}The publication of this list shall not be construed as initiation of a procurement process and cast anyobligation on CSIRNPL to issue the bidding document or confer any right on prospective bidders (Rule 144(x)of GFR 2017)

	1		
99	TSP 230132	Miscellaneous - Emergent chemical,	
		cleaning brush, metal cleaner/polish	As per
		(Waxpol) repairing, batteries, minor	requirement
		fabrication or job work, stationary etc	
100	GAP 150132	RF connectors, RF cables, distribution	As per
		boards	requirement
101	GAP 150132	Hard disk, RAM, router	As per req.
102	GAP 230132	PLD targets	As Per Req.
103	GAP 114732	Pump (spare) of existing NH3 Analyser	1
104	GAP 114732	Lamp (Spare) of existing SO2 Analyser	1
105	GAP 190132	Cryogenic (4K) probe for SNSPD	1
		experiments	
106	GAP 200232	Magnesium carbonate 98%, (Alfa Aesar)	5000 gm
107	GAP 200232	Lithium carbonate 99%, (Alfa Aesar)	2Kg
108	GAP 200232	Stannic Oxide, LR, (Thomas Baker)	500gm
109	GAP 200232	Zinc sheet 12"x48"	5 Sheet
110	GAP 200232	Magnesium Ribbon L 1mtr, width 10mm	100 unit
111	GAP 200232	Microcentrifuge tubes 2.0 ml 500/pack	1 Pack
112	GAP 200232	Silicon tube OD: 9mm	10 meter
113	GAP 200232	membrane syringe filter 0.45 micron,	1 Pack
		100/pack	
114	GAP 200232	Silicon Grease, 1 Kg, temp upto 260 C	1 Kg
115	GAP 200232	Teflon tape, width: 0.5 inch, length:10 mtr.	100 units
116	GAP 200232	Solder wire (flux cored activated, width:	1 Kg
		0.8-1.00mm, 1Kg	
117	GAP 200232	Sand paper (Silicon carbide), Grit Size 220	100 Unit
118	SSP 220132	Europium Nitrate	2
119	SSP 220132	Europium powder	1
120	SSP 220132	Europium(iii) Chloride hexahydrate, 99.99%	4
121	SSP 220132	Thenoyltrifluoroacetone, 99%	2
122	SSP 220132	Tris (8-Hydroxyquinoline) Aluminium,	1
		99.99%	
123	SSP 220132	8- Hydroxyquinoline, 99%	1
124	GAP 114732	Helium gas (Purity: 99.999%) gas Qty: 7m3	1 Nos. (7m3)
		(Cyl. Size: 47 ltr)	
125	GAP 114732	CO2 gas (Purity : 99.99%) (Cyl. Size: 47 ltr.)	1 Nos. (7m3)
126	GAP 114732	oxygen gas (Purity: 99.996%) (Cyl. Size : 47	1 Nos. (7m3)
		ltr.)	
127	GAP 181132	Assorted types of Cartridges	10
128	GAP 181132	Tools (misc)	4
129	GAP 181132	Misc. items	As Per Req.
130	GAP 181132	Assorted Electronics components	As Per Req.
131	GAP 181132	Matlab 2020 (2 users)	1
132	GAP 181132	Charcoal Unit for Charcoal scrubber for	4
		ZNV-7 Zero Air Generator	

^{*}The publication of this list shall not be construed as initiation of a procurement process and cast anyobligation on CSIRNPL to issue the bidding document or confer any right on prospective bidders (Rule 144(x)of GFR 2017)

133	GAP 181132	Compressor/ pump for PAG 003 ZERO AIR	1
		GENERATOR (including service/installation	
		charges)	
134	GAP 181132	Nitrogen gas (99.999 purity)	4
135	GAP 181132	Spare parts for Teledyne Zero air generator	1
		model no. 701	1
136	GAP 181132	Solenoid valve	5
137	GAP 181132	Pressure gauge	2
138	GAP 181132	Repair of UPS	4
139	GAP 181132	12 V DC fan	5
140	GAP 181132	24 V DC fan	5
141	GAP 181132	MALT 5 software	1
142	GAP 181132	HITRAN PC software	As per Req.
143	GAP 181132	Desiccator	1
144	GAP 220432	TMP Model No. HiPace 700 (S/N:	
		1456227), Controller Model No. DCU 400	
		(S/N: 78830929) with connecting cables	One Set
		(2nos) Single vacuum gauge (pfeiffer):	
		Model No. PKR 251 (S/N: PTR26000)	
145	GAP 114732	Refilling of H2 gas, 5N purity, 47 Liter	5
146	GAP 114732	Refilling of Zero Gas 5N Purity, 47 liter	19
147	GAP 114732	Refilling of O2 commercial grade , 47 ltr	1

(Externally Funded) CONSUMABLE (Above Rs. 5.00 lakh)				
S.No	Project No.	Item Name	QTY	Est. Cost
1	TSP 180932	Laboratory Job work: 1. Building Management System. 2. Environment Control and monitoring systems 3. Antenna Cabling 4. Signage 5. Network Time Displays 6. TV and Big displays for time scale monitoring 7 Alert system 8 Fire safety 9 Grounding/ earthing 10. Projection system 11. Renovation including furniture and furnishings	1	5.00
2	TSP 180932	Audio-visual and Meeting expenses	10	5.00
3	TSP 180932	Computer Software: 1. Antivirus 2. PTP, NTP and NMS 3. Word processing 4. Any other software	10	5.00
4	TSP 180932	Computer and Printer Consumables	20	10.00
5	TSP 180932	Optical Fiber, connectors, and accessories	10	5.00
6	TSP 180932	Other consumable items	10	10.00
7	TSP 180932	RG223/U RF cable (m)	2800	8.40
8	TSP 180932	RG316 RF Cable (m)	1600	19.20
9	TSP 180932	LMR400 Cable (m)	1650	6.60
10	TSP 180932	Maintenance of office equipment	1 set	24.80
11	TSP 180932	Guest house charges including food charges	1 set	5.00
12	TSP 180932	Periodicals and books	1 set	5.00

^{*}The publication of this list shall not be construed as initiation of a procurement process and cast anyobligation on CSIRNPL to issue the bidding document or confer any right on prospective bidders (Rule 144(x)of GFR 2017)

Tepairs 1 set 5.	42	TCD 400022	Office Contribution of Assertation		
14	13	TSP 180932	Office furnishings, curtains and related	1 set	F 00
15	1.4	TCD 100022	·	1	5.00
Set Set				1 set	5.00
16	15	1SP 180932	I	1 set	
17 GAP 150132 Electronic boards and accessories As req 5.			' ' '		5.00
18 GAP 181132 LabVIEW Professional Edition (1 User) 1 5. 19 GAP 181132 Fixtures & Fittings As req 10. 20 GAP 181132 Sulfur Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 1000 μmol/mol) 2 μmol/mol) 2 μmol/mol) 2 μmol/mol) 2 μmol/mol) 18. 21 GAP 181132 Carbon Monoxide in Nitrogen (Nominal Amount-of-Substance Fraction 1000 μmol/mol) 18. 22 GAP 181132 Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 7 % 2 μmol/mol) 2 μmol/mol) 2 μmol/mol) 2 μmol/mol) 10. 23 GAP 181132 Nitric Oxide in Nitrogen (Nominal Amount-of-Substance Fraction 1000 μmol/mol) 2 μmol/mol) 11. 24 GAP 181132 Nitrous Oxide in Air (Nominal Amount-of-Substance Fraction 1 μmol/mol) 2 μmol/mol) 10. 25 GAP 181132 HCl 2 15. 26 GAP 181132 TOC 2 12. 27 GAP 181132 TOC 2 12. 28 GAP 181132 NH3 2 2 22. 29 GAP 181132 NH3 2 2 22. 30 GAP 181132 Propane in Air (Nominal Amount-of-Substance Fraction 21 % mol/mol) 2 15. 30 GAP 181132 Digital Pressure sensor 5 5. 31 GAP 181132 Software for electronic circuit and PCB design 5. 32 GAP 181132 BTEX 2 20.					5.00
19 GAP 181132 Fixtures & Fittings				_	5.00
20 GAP 181132 Sulfur Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 1000 μmol/mol) 2	18			1	5.50
Amount-of-Substance Fraction 1000	19	GAP 181132	Fixtures & Fittings	As req	10.00
μmol/mol) 22.	20	GAP 181132	Sulfur Dioxide in Nitrogen (Nominal		
21 GAP 181132 Carbon Monoxide in Nitrogen (Nominal Amount-of-Substance Fraction 1000 μmol/mol) 18. 22 GAP 181132 Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 7 % 2 mol/mol) 22. 23 GAP 181132 Nitric Oxide in Nitrogen (Nominal Amount-of-Substance Fraction 1000 μmol/mol) 11. 24 GAP 181132 Nitrous Oxide in Air (Nominal Amount-of-Substance Fraction 1 μmol/mol) 2 10. 25 GAP 181132 HCl 2 15. 26 GAP 181132 TOC 2 12. 27 GAP 181132 Oxygen in Nitrogen (Nominal Amount-of-Substance Fraction 21 % mol/mol) 2 15. 28 GAP 181132 Oxygen in Nitrogen (Nominal Amount-of-Substance Fraction 21 % mol/mol) 2 22. 29 GAP 181132 Propane in Air (Nominal Amount-of-Substance Fraction 500 μmol/mol) 12. 30 GAP 181132 Digital Pressure sensor 5 5. 31 GAP 181132 Software for electronic circuit and PCB design 5. 32 GAP 181132 BTEX 2 20. 30 GAP 181132 BTEX 20. 30 GAP 181132			Amount-of-Substance Fraction 1000	2	
Amount-of-Substance Fraction 1000			μmol/mol)		22.00
μmol/mol) 18. 22 GAP 181132 Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 7 % 2 22. 23 GAP 181132 Nitric Oxide in Nitrogen (Nominal Amount-of-Substance Fraction 1000 μmol/mol) 2 11. 24 GAP 181132 Nitrous Oxide in Air (Nominal Amount-of-Substance Fraction 1 μmol/mol) 2 10. 25 GAP 181132 HCl 2 15. 26 GAP 181132 TOC 2 12. 27 GAP 181132 Oxygen in Nitrogen (Nominal Amount-of-Substance Fraction 21 % mol/mol) 2 15. 28 GAP 181132 NH3 2 22. 29 GAP 181132 Propane in Air (Nominal Amount-of-Substance Fraction 500 μmol/mol) 2 12. 30 GAP 181132 Digital Pressure sensor 5 5. 31 GAP 181132 Software for electronic circuit and PCB design 1 5. 32 GAP 181132 BTEX 2 20. 30 SAP 181132 BTEX 2 20. 30 SAP 181132 BTEX 2 20. 31 SAP 181132 BTEX 2 20. 32 SAP 181132 BTEX 2 20. 33 SAP 181132 BTEX 2 20. 34 SAP 181132 BTEX 2 20. 35 SAP 181132 BTEX 2 20. 36 SAP 181132 BTEX 2 20. 37 SAP 181132 BTEX 2 20. 38 SAP 181132 BTEX 2 20. 39 SAP 181132 BTEX 2 20. 30 SAP 181132 BTEX 2 20. 31 SAP 181132 BTEX 2 20. 32 SAP 181132 BTEX 2 20. 32 SAP 181132 BTEX 2 20. 32 SAP 181132 BTEX 2 20. 33 SAP 181132 BTEX 2 20. 34 SAP 181132 BTEX 2 20. 35 SAP 181132 BTEX 2 20. 36 SAP 181132 BTEX 2 20. 37 SAP 181132 BTEX 2 20. 38 SAP	21	GAP 181132	Carbon Monoxide in Nitrogen (Nominal		
22 GAP 181132 Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 7 % mol/mol) 2 22.			Amount-of-Substance Fraction 1000	2	
Amount-of-Substance Fraction 7 % mol/mol) 23 GAP 181132 Nitric Oxide in Nitrogen (Nominal Amount-of-Substance Fraction 1000 μmol/mol) 24 GAP 181132 Nitrous Oxide in Air (Nominal Amount-of-Substance Fraction 1 μmol/mol) 25 GAP 181132 HCl 26 GAP 181132 TOC 27 GAP 181132 Oxygen in Nitrogen (Nominal Amount-of-Substance Fraction 21 % mol/mol) 28 GAP 181132 NH3 29 GAP 181132 NH3 2 22. 29 GAP 181132 Propane in Air (Nominal Amount-of-Substance Fraction 500 μmol/mol) 30 GAP 181132 Digital Pressure sensor 31 GAP 181132 Software for electronic circuit and PCB design 32 GAP 181132 BTEX 20 22.			μmol/mol)		18.00
Mol/mol Mitric Oxide in Nitrogen (Nominal Amount- of-Substance Fraction 1000 μmol/mol) 2	22	GAP 181132	Carbon Dioxide in Nitrogen (Nominal		
23 GAP 181132 Nitric Oxide in Nitrogen (Nominal Amount- of-Substance Fraction 1000 μmol/mol) 2 11. 24 GAP 181132 Nitrous Oxide in Air (Nominal Amount-of- Substance Fraction 1 μmol/mol) 2 10. 25 GAP 181132 HCl 2 15. 26 GAP 181132 TOC 2 12. 27 GAP 181132 Oxygen in Nitrogen (Nominal Amount-of- Substance Fraction 21 % mol/mol) 2 15. 28 GAP 181132 NH3 2 22. 29 GAP 181132 Propane in Air (Nominal Amount-of- Substance Fraction 500 μmol/mol) 2 12. 30 GAP 181132 Digital Pressure sensor 5 5. 31 GAP 181132 Software for electronic circuit and PCB 1 5. 32 GAP 181132 BTEX 2 20. 30 SAP 181132 STEX 2 20. 30 SAP 181132 STEX 2 20. 31 SAP 181132 STEX 2 20. 32 SAP 181132 STEX 2 20. 33 SAP 181132 STEX 2 20. 34 SAP 181132 STEX 2 20. 35 SAP 181132 STEX 2 20. 36 SAP 181132 STEX 2 20. 37 SAP 181132 STEX 2 20. 38 SAP 181132 STEX 2 20. 39 SAP 181132 STEX 2 20. 30 SAP 1811			Amount-of-Substance Fraction 7 %	2	
Nitric Oxide in Nitrogen (Nominal Amount- of-Substance Fraction 1000 μmol/mol) 2 11.			mol/mol)		22.50
Of-Substance Fraction 1000 μmol/mol) 2 11.	23	GAP 181132	Nitric Ovide in Nitrogen (Neminal Amount		
24 GAP 181132 Nitrous Oxide in Air (Nominal Amount-of-Substance Fraction 1 μmol/mol) 2 10. 25 GAP 181132 HCl 2 15. 26 GAP 181132 TOC 2 12. 27 GAP 181132 Oxygen in Nitrogen (Nominal Amount-of-Substance Fraction 21 % mol/mol) 2 15. 28 GAP 181132 NH3 2 22. 29 GAP 181132 Propane in Air (Nominal Amount-of-Substance Fraction 500 μmol/mol) 2 12. 30 GAP 181132 Digital Pressure sensor 5 5. 31 GAP 181132 Software for electronic circuit and PCB design 1 5. 32 GAP 181132 BTEX 2 20. 30 GAP 181132 BTEX 2 20. 31 SAP 181132 BTEX 2 20. 32 SAP 181132 BTEX 2 20. 33 CAP 181132 BTEX 2 20. 34 CAP 181132 CAP 181			_ · ·	2	
Substance Fraction 1 μmol/mol) 2 10.			01-3ubstance Fraction 1000 µmoi/moi/		11.50
Substance Fraction 1 μmol/mol) 10. 25 GAP 181132 HCl 2 15. 26 GAP 181132 TOC 2 12. 27 GAP 181132 Oxygen in Nitrogen (Nominal Amount-of-Substance Fraction 21 % mol/mol) 2 15. 2 2 2 2 2 2 2 2 2	24	GAP 181132	Nitrous Oxide in Air (Nominal Amount-of-	2	
25 GAP 181132 HCl 2 15. 26 GAP 181132 TOC 2 12. 27 GAP 181132 Oxygen in Nitrogen (Nominal Amount-of-Substance Fraction 21 % mol/mol) 2 2 28 GAP 181132 NH3 2 22. 29 GAP 181132 Propane in Air (Nominal Amount-of-Substance Fraction 500 μmol/mol) 2 2 30 GAP 181132 Digital Pressure sensor 5 5. 31 GAP 181132 Software for electronic circuit and PCB design 1 5. 32 GAP 181132 BTEX 2 20.			Substance Fraction 1 μmol/mol)	2	10.50
26 GAP 181132 TOC 2 12. 27 GAP 181132 Oxygen in Nitrogen (Nominal Amount-of-Substance Fraction 21 % mol/mol) 2 15. 28 GAP 181132 NH3 2 22. 29 GAP 181132 Propane in Air (Nominal Amount-of-Substance Fraction 500 μmol/mol) 2 12. 30 GAP 181132 Digital Pressure sensor 5 5. 31 GAP 181132 Software for electronic circuit and PCB design 1 5. 32 GAP 181132 BTEX 2 20.	25	GAP 181132	HCI	2	15.00
27 GAP 181132 Oxygen in Nitrogen (Nominal Amount-of-Substance Fraction 21 % mol/mol) 2 28 GAP 181132 NH3 2 22 29 GAP 181132 Propane in Air (Nominal Amount-of-Substance Fraction 500 μmol/mol) 2 12 30 GAP 181132 Digital Pressure sensor 5 5 31 GAP 181132 Software for electronic circuit and PCB design 1 5 32 GAP 181132 BTEX 2 20					12.00
Substance Fraction 21 % mol/mol) 2 15.					12.00
28 GAP 181132 NH3 2 22. 29 GAP 181132 Propane in Air (Nominal Amount-of-Substance Fraction 500 μmol/mol) 2 12. 30 GAP 181132 Digital Pressure sensor 5 5. 31 GAP 181132 Software for electronic circuit and PCB design 1 5. 32 GAP 181132 BTEX 2 20.	2,	G/11 101132	'-	2	15.00
29 GAP 181132 Propane in Air (Nominal Amount-of-Substance Fraction 500 μmol/mol) 30 GAP 181132 Digital Pressure sensor 31 GAP 181132 Software for electronic circuit and PCB design 32 GAP 181132 BTEX 2 20.	28	GAP 181132	·	2	22.00
Substance Fraction 500 μmol/mol) 2 12. 30 GAP 181132 Digital Pressure sensor 5 5. 31 GAP 181132 Software for electronic circuit and PCB design 1 5. 32 GAP 181132 BTEX 2 20. 20. 32 Substance Fraction 500 μmol/mol) 2 12. 30.				2	22.00
30 GAP 181132 Digital Pressure sensor 5 5. 31 GAP 181132 Software for electronic circuit and PCB design 1 5. 32 GAP 181132 BTEX 2 20.	23	GAI 101132	l ' '	2	12.50
31 GAP 181132 Software for electronic circuit and PCB design 1 5. 32 GAP 181132 BTEX 2 20.	30	GAP 181132		5	5.00
design 1 32 GAP 181132 BTEX 2 20.			_		3.00
32 GAP 181132 BTEX 2 20.		G/ (1 101132		1	5.00
	32	GAP 181137	i	2	20.00
25 5.11 101132 101 1010103					20.00
Total 360.	33	C/ 11 10110Z	10. 70Berne Gioves		360.50

UPDATED AS ON JUN 19, 2023

^{*}The publication of this list shall not be construed as initiation of a procurement process and cast anyobligation on CSIRNPL to issue the bidding document or confer any right on prospective bidders (Rule 144(x)of GFR 2017)