

Financial Year 2022-23

SI No.	Description of Items	Broad specification parameters	Qty	Accounting Unit (Nos/ Kilo-meters/ Tonnes)	Estimated value of procurement INR(Lakhs)
1	Mobile workstations	I7-9750H/32 GB/256 PCIe SSD /1 TB SATA/15.6 FHD/p 600/Win 10 pro/3	150	Nos	165.00
2	Desktop computers	Processor Intel core i7 with win10	40	Nos	32.00
3	Entry level workstations	Processor-Intel Xeon E series,Graphic card-nVIDIA Quadro P620 2 GB,RAM-16 GB(expandable up to 128 GB),display of monitor-58-61 cm	150	Nos	150.00
4	Digital Level	Attached as Annexure A	25	Nos	100.00
5	Geodetic Grade GNSS Reference Receivers	Attached as Annexure B	200	Nos	1000.00
6	Geodetic Grade GNSS Receivers and Controller	Attached as Annexure C	200	Nos	440.00
7	Laptop(s)	Processor-Intel i7,ssd-512 GB, battery :Li-on, display size-14',RAM-16 GB(expandable up to 32 GB)	150	Nos	150.00
8	Server	Form factor-Rack, processor-Intel Xeon Gold 6246,DDR NV RAM-256 GB,	10	Nos	102.00
9	NAS storage(120 TB)	Intel Xeon Silver 4110 ,storage capacity 120 TB,type of hard disk drive-NL SAS	10	Nos	60.00
10	Enterprise Smart Rack	42 U with load bearing capacity 800 kgs, power of cooling unit 7 kw	10	Nos	100.00
11	Relative Gravimeter	Attached as Annexure D	03	Nos	450.00
12	Laser Terrestrial scanner	Range measurement principle –pulsed, minimum range -1.5 m or better, maximum range –better than 500 m,angular measurement resolution(vertical)-15 urad or better, angular measurement resolution (horizontal)-15 urad or better, resolution of camera-70 mega pixel or better,internal storage -120 GB or better, compensator-Duel axis(minimum)	01	Nos	100.00
13	A0 size Plotter	Inkjet Size 44', memory-4096 MB or higher, HDD-500 GB, printing resolution-2400x1200	12	Nos	60.00.00
14	A0 size Scanner	44",OS compatibility -win10, paper weight handling capacity(GSM-600),colour depth-48 bits	05	Nos	40.00
15	3 D Printer	Powder bed fusing Technology or UV curable inkjet or Multi Jet Fusion, Supported file format-STL, 3MF, OBJ, VRML v.2, printing resolution-800-1200 dpi or better	01	Nos	100.00

16	Field data collector/controller	10.1' FHD display with 8 Gb RAM and 256 GB SSD storage with digitizer, Integrated GPS and 4 G module	200	Nos	310
17	Hand held GNSS receiver	Hand Held GPS : Multi GNSS Satellite system (GPS, GLONASS and Galileo), Accuracy 15 Meter 2DRMS, 3" TFT screen, 2AA battery (non rechargeable battery), Battery life 16 hours., micro USB, Bluetooth and Wifi, 16GB memory. IPX7 protection.	100	Nos	30.00
18	Total Station	Electronic total stations with accuracy,distance measurement 4000 m or better, data storage internal memory 1 Gb or better, internal memory 56 MB or better	10	Nos	60.00
19	Unified storage	Storage capacity-120 TB, Disk type –NL SAS ,28 nos of drive slots, Dual controller	02	Nos	20.00
20	Drone (hybrid/VTOL) Survey Grade	Fixed wing(hybrid)/Fixed wing VDOL/Multi copter	300	Nos	3000.00
21	Pressure Tide Gauge sensor	Attached as Annexure E	30	Nos	60.00
22	Radar Type Gauge	Attached as Annexure F	15	Nos	30.00

Financial Year -2023-24

SI No.	Description of Items	Broad specification parameters	Qty	Accounting Unit(Nos/ Kilo-meters/ Tonnes)	Estimated value of procurement INR(Lakhs)
1	Mobile workstations	I7-9750H/32 GB/256 PCIe SSD/1TB SATA/15.6 FHD/p600/Win 10 pro/3	200	Nos	220.00
2	Desktop computers	Processor Intel core i7 with win10	60	Nos	80.00
3	Entry level workstations	Processor-Intel Xeon E series, Graphic card-nVIDIA Quadro P620 2 GB, RAM-16 GB(expandable up to 128 GB), display of monitor-58-61 cm	500	Nos	500.00
4	Digital Level	Attached as Annexure A	40	Nos	160.00
5	Geodetic Grade GNSS Reference Receivers	Attached as Annexure B	200	Nos	1000.00
6	Geodetic Grade GNSS Receivers and Controller	Attached as Annexure C	200	Nos	440.00
7	Laptop(s)	Processor-Intel i7,ssd-512 GB, battery :Li-on, display size-14',RAM-16 GB(expandable up to 32 GB)	250	Nos	175.00
8	Server	Form factor-Rack, processor-Intel Xeon Gold 6246,DDR NV RAM-256 GB,	20	Nos	200.00
9	NAS storage(120 TB)	Intel Xeon Silver 4110 ,storage capacity 120 TB, type of hard disk drive-NL SAS	20	Nos	120.00
10	Enterprise Smart Rack	42 U with load bearing capacity 800 kgs, power of cooling unit 7 kw	20	Nos	200.00
11	Relative Gravimeter	Attached as Annexure D	03	Nos	450.00
12	A0 size Plotter	Inkjet Size 44', memory-4096 MB or higher, HDD-500 GB, printing resolution-2400x1200	20	Nos	100.00
13	A0 size Scanner	44",OS compatibility -win10, paper weight handling capacity(GSM-600),colour depth-48 bits	20	Nos	160.00
14	Field data collector/controller	10.1' FHD display with 8 Gb RAM and 256 GB SSD storage with digitizer, Integrated GPS and 4 G module	200	Nos	300.00
15	Hand held GNSS receiver	Hand Held GPS : Multi GNSS Satellite system (GPS, GLONASS and Galileo), Accuracy 15 Meter 2DRMS, 3" TFT screen, 2AA battery (non rechargeable battery), Battery life 16 hours., micro USB, Bluetooth and Wifi, 16GB memory. IPX7 protection.	200	Nos	60.00

16	Total Station	Electronic total stations with accuracy, distance measurement 4000 m or better, data storage internal memory 1 Gb or better, internal memory 56 MB or better	50	Nos	300.00
17	Unified storage	Storage capacity-120 TB, Disk type –NL SAS ,28 nos of drive slots, Dual controller	05	Nos	50.00
18	Drone (hybrid/VTOL) Survey Grade	Fixed wing(hybrid)/Fixed wing VDOL/Multi copter	200	Nos	2000.00
19	Up-gradation of GIS software	GIS S/W	Under ELA	As per ELA	2000.00
20	4 colour offset printing machines	Maximum sheet 730X1030 mm, Minimum sheet 320X480mm, printing area- 700X1020 mm, plate thickness-0.28 to 0.60 mm, printing speed- 14000 sheets per hour and above, paper weight-50 GSM to 300 GSM	02	Nos	1600.00
21	Pressure Tide Gauge sensor	Attached as Annexure E	30	Nos	60.00
22	Radar Type Gauge	Attached as Annexure F	15	Nos	30.00
23	Declination Inclination Magnetometer	Attached as Annexure G	02	Nos	50.00
24	Total force Magnetometer	Attached as Annexure H	03	Nos	50.00
25	Total force scalar Magnetometer	Attached as Annexure I	01	Nos	25.00

Financial Year 2024-25

SI No.	Description of Items	Broad specification parameters	Qty	Accounting Unit(Nos/ Kilo-meters/ Tonnes)	Estimated value of procurement INR(Lakhs)
1	Mobile workstations	I7-9750H/32 GB/256 PCIe SSD/1TB SATA/15.6 FHD/p600/Win 10 pro/3	100	Nos	110.00
2	Desktop computers	Processor Intel core i7 with win10	200	Nos	160.00
3	Entry level workstations	Processor-Intel Xeon E series,Graphic card-nVIDIA Quadro P620 2 GB,RAM-16 GB(expandable up to 128 GB),display of monitor-58-61 cm	500	Nos	500.00
4	Digital Level	Attached as Annexure A	40	Nos	160.00
5	Geodetic Grade GNSS Reference Receivers	Attached as Annexure B	200	Nos	1000.00
6	Geodetic Grade GNSS Receivers and Controller	Attached as Annexure C	200	Nos	440.00
7	Laptop(s)	Processor-Intel i7,ssd-512 GB, battery :Li-on, display size-14',RAM-16 GB(expandable up to 32 GB)	200	Nos	140.00
8	Server	Form factor-Rack, processor-Intel Xeon Gold 6246,DDR NV RAM-256 GB,	20	Nos	200.00
9	NAS storage(120 TB)	Intel Xeon Silver 4110 ,storage capacity 120 TB, type of hard disk drive-NL SAS	20	Nos	120.00
10	Enterprise Smart Rack	42 U with load bearing capacity 800 kgs, power of cooling unit 7 kw	05	Nos	50.00
11	Relative Gravimeter	Attached as Annexure D	03	Nos	450.00
12	A0 size Plotter	Inkjet Size 44', memory-4096 MB or higher,HDD-500 GB, printing resolution-2400x1200	10	Nos	50.00
13	A0 size Scanner	44",OS compatibility -win10, paper weight handling capacity(GSM-600), colour depth-48 bits	10	Nos	80.00
14	Field data collector/controller	10.1' FHD display with 8 Gb RAM and 256 GB SSD storage with digitizer, Integrated GPS and 4 G module	500	Nos	770.0
15	Hand held GNSS receiver	Hand Held GPS : Multi GNSS Satellite system (GPS, GLONASS and Galileo), Accuracy 15 Meter 2DRMS, 3" TFT screen, 2AA battery (non rechargeable battery), Battery life 16 hours., micro USB, Bluetooth and Wifi, 16GB memory. IPX7 protection.	100	Nos	60.00

16	Total Station	Electronic total stations with accuracy, distance measurement 4000 m or better, data storage internal memory 1 Gb or better, internal memory 56 MB or better	10	Nos	60.00
17	Unified storage	Storage capacity-120 TB, Disk type –NL SAS ,28 nos of drive slots, Dual controller	10	Nos	100.00
18	Drone (hybrid/VTOL) Survey Grade	Fixed wing(hybrid)/Fixed wing VDOL/Multi copter	200	Nos	2000.00
19	Pressure Tide Gauge sensor	Attached as Annexure E	30	Nos	60.00
20	Radar Type Gauge	Attached as Annexure F	15	Nos	30.00