



Letter No 459 /Dt. 12/04/22

Corrigendum & Extension of Tender Submission Date

This notification for Extension of Tender Submission Date for **TENDER NOTICE No 367/Store/2021-21-22 Dated 25.3.22** is in continuation of the Tender Document for Procurement of Equipment & Software, peripherals etc. Floated on **25th March, 2022** on official website of Govt. Polytechnic, Jajpur and news paper. This office has re-scheduled to extend the closing date for submission of tender from **12th April, 2022 to 20th April, 2022 till 11.00 A.M.** The Technical Bid document opening time will be at **4.00 p.m. on the re-scheduled date of 20th April, 2022.** Please note that the agencies already submitted the complete Tender Documents will be considered for bids opening and need not apply again. No Bid processing fees will be charged those who are paid earlier. The authority has reserved to right to accept or reject.

Further the details specification of DGPS (Differential Global Positioning System) has been revised (SI No. Civil-07) because of insufficient data further no Chinese material/product will be accepted. You are also give manufacture make & model along with catalog with Tender Paper.

However, all other terms and conditions of the tender documents will remain unchanged. The tender documents are available on our Institution website **www.gpjajpur.org**

Encl: As above

R&S
12/4/22

Principal
Govt. Polytechnic,
Jajpur

Differential Global Positioning - Post Processing and RTK System by Radio & GSM

Specification of GNSS DGPS system		
	Static DGPS Position accuracy	H: 3mm + 0.1ppm & V: 3.5mm + 0.4ppm
	RTK DGPS Position accuracy	H: 8mm + 1ppm & V: 15mm + 1ppm
	Static code DGPS Position accuracy	25cm or better
GNSS Base Receiver with Integrated Antenna		
1	No of Channels	500 channels or more
2	Satellite Signal tracking	System must have facility to track GPS L1,L2, L2C, : GLONASS L1, L2: Future upgradable to Beidou B1,B2 and Galileo E1, E5a, E5b, Alt-BOC, & Future QZSS (L1, L2,)
3	Correction service/SBAS	SBAS - Gagan Optional
4	Position update rate	Upto 20 Hz
5	Internal-Removable memory	8 GB or more
6	Communication device	Integrated 3.5G or better cellular network capability & Bluetooth, Radio modem Fully integrated, receive and transmit, external antenna, 1 W output power, with provision to attach High Power Radio
7	Battery	Minimum 6-8 hours operation with single internal battery & provision to attached external Power Source
8	Operating Temperature	Minus 40 degree Centigrade to Plus 65 degree Centigrade
9	Dust & water proof	IP-67 or better
10	Shock proof	Should survive pole drop/topple over from 2 mts
11	Data recording	Facility for recording GNSS data within sensor in OEM format and directly in Rinex format
GNSS Rover Receiver with Integrated Antenna		
1	No of Channels	500 channels or more
3	Satellite Signal tracking	System must have facility to track GPS L1,L2, L2C, : GLONASS L1, L2: Future upgradable to Beidou B1,B2 .
5	Position update rate	Upto 20 Hz
6	Internal-Removable memory	8 GB or more
7	Communication device	Integrated 3.5G or better cellular network capability & Bluetooth, provision for attaching external High Power radio for RTK survey in future & Radio modem Fully integrated, receive and transmit, external antenna. 1 W output power, with provision to attach High Power Radio
8	Battery	Minimum 6-8 hours operation with single internal battery & provision to attached external Power Source
9	Operating Temperature	Minus 40 degree Centigrade to Plus 65 degree Centigrade
10	Dust & water proof	IP-67 or better
11	Shock proof	Should survive pole drop/topple over from 2 mts
12	Data recording	Facility for recording GNSS data within sensor in OEM format or directly in Rinex format
Controller		
12	Operating System	Windows embeded handheld/Windows EC or equivalent
13	Processor	1GHz Dual-core A, (RAM) 2GB or more
14	Internal memory/Removable memory	2 GB or more/8 GB or more
15	Battery	minimum 6-8 hours operation with internal battery
16	Dust and water proof	IP-67 or better
17	Display	5 Inch VGA, Graphic display, 640x480 pixel or better, colour TFT
18	Communication devices/ports	USB host, external power & Bluetooth/WLAN/ GSM modem
19	Accessories/attachments	5 megapixel camera with flash, compass, accelerometer, gyro etc.
20	Screen size	5" or more
21	Keyboard	Alpha-numeric QWERTY hard keypad and onscreen keypad
22	Distometer	Inbuilt distometer to measure the inaccessible areas.
Field software		
22	Survey style configuration	Field software must have facility to create user defined survey style configuration for Post Processing mode and RTK mode
23	Map display	Software must have facility for display of real time 3D map/plots of points, lines and polygons measured in the field
24	Co-coordinate system manager	Should have datum & projection support to convert data from polar co-ordinate system to Grid coordinates
25	Colour graphic support	The software must have facility for colour graphic support to visualize work and background maps/CAD drawings
26	Feature coding	Should support feature coding with attributes for GIS data collection. Control coding should be possible for automatic plot creation
27	COGO	Software should support all COGO functionalities