

Amendment # 5 - Dated: 11-09-2013 to Queries received for Bid Document on 'Supply Of Survey Instruments & Accessories and Related Services'

[IFB NUMBER: Proc./SICOM/SOI/2012/02 dt.22.02.2013]

S. No.	Page No.	Section/Clause	As per Bid document / Amendment #4	Amendment
1	62	Section VI (Schedule of Requirements)/ Table3/1 (Technical Specification/ GNSS-Dual Frequency)/H. (Communication Ports)	<ul style="list-style-type: none"> • Minimum 1(one) USB port, 2 serial ports for data download/ transfer • Integrated Bluetooth for data download/transfer in controller or receiver • Suitable ports to connect through Radio Modem, • Suitable ports for GSM/GPRS or CDMA connectivity in receiver or controller. • At least 2 external power ports for simultaneous power supply for AC and DC. The power ports should not be connected Internally. 	<ul style="list-style-type: none"> • Minimum 1(one) USB port, 2 serial ports for data download/ transfer • Deleted • Suitable ports to connect through Radio Modem, • Suitable ports for GSM/GPRS or CDMA connectivity in receiver or controller. • At least 2 external power ports for simultaneous power supply for AC and DC. The power ports should not be connected Internally.
41	1	Cover	(a)Period of sale of bid document : From 25.02.2013 To 17.09.2013	(a)Period of sale of bid-document : From 25.02.2013 To 26.09.2013
	4	IFB	(b) Last Date and Time for Receipt of Bids: Date 18.09.2013, Time 10:00 hours	(b) Last Date and Time for Receipt of Bids: Date 27.09.2013, Time:10:00 hours
	37	ITB/ Section II (BDS) / 24.1	(c) Time and Date of Opening of Bids: Date 18.09.2013, Time 10:30 hours	(c) Time and Date of Opening of Bids: Date 27.09.2013,Time 10:30 hours

* Please ensure Validity Period of Bid Security as per ITB/ Clause 21.2(e) -in view of extension in Bid Submission deadline.

(Please see Clarification#2 on next page)

Clarification # 2 - Dated: 10-09-2013 to Queries received for Bid Document on 'Supply Of Survey Instruments & Accessories and Related Services'

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Query #	Reference to Bid Document & Amendment #4	Query	Clarification given by Bid Evaluation Committee
1	S.No.14 of Page No.60: Section –VI: Technical Specifications for Dual Frequency GNSS: Sl. No. A - c. Satellite Tracking: Minimum of 50 channels.	Channel: Minimum Channels should be more than 110 Brief Justifications is attached herewith for your kind information	Refer clarification given to Query #2 of Clarifications # 1 - Dated: 16-08-2013.
2	S.No. 15 Page No.60: Section –VI: Technical Specifications for Dual Frequency GNSS: GNSS Tracking: GPS: L1, L2, L2C GLONASS: L1, L2	GPS L5: As on date there are four satellites which are already transmitting L5 signal and IOC of L5 will be there by Year 2014. What GPS L5 brings is the capability to increase accuracy, longer baseline length,betterionospheric models which affects the overall survey. Also now a days almost all reputed manufacturers of GPS are providing GPS receivers including L5 frequency. Even our Indian Regional Navigational Satellite System (IRNSS) also transmit the L5 signal It is therefore requested that L5 frequency may please be added over and above L1 & L2 frequency and number of channels more than 100 to accommodate L5 frequency also. Suggestion: The articles and enclosures give a healthy justification for the department to focus on GPS L5 and GALILEO.	Refer clarification given to Query #2 of Clarifications # 1 - Dated: 16-08-2013
3	S.No. 26 Page No.62: Section – VI: Technical Specifications for Dual Frequency GNSS: Integrated Blue Tooth for Dataload/Transfer in controller or receiver . Suitable ports for GSM/GPRS or CDMA connectivity in Receiver or controller	Receiver and controller both should be integrated with Bluetooth to down load/transfer the data. It should be both way communication facility to transfer the data. Now a days the Bluetooth normally works up to 10-15 meter range which is good for connecting a controller with receiver in difficult surveying. Suitable ports for GSM/ GPRS or CDMA connectivity in Receiver Suggestion: The Bluetooth is must for both receiver as well as controller to communicate between them with suitable ports for GSM/GPRS or CDMA connectivity in Receiver .	Integrated blue-tooth is not a mandatory requirement for this tender. Instruments with or without integrated blue-tooth will be accepted. To avoid ambiguity Amendment #5 is being issued.
4	S.No. 34 Page No.66: Section –VI: Technical Specifications for Mobile Mapping Display 3.5 inch QVGA or better, Sunlight readable Display	Display 3.5 inch Full VGA of resolution of 640*480 pixels or better, Sunlight readable Display. Display plays important part in overall functioning of equipment as Controller display resolution affects the visibility in bright sunlight conditions. For best visibility we suggest a resolution of 640*480 pixels full VGA which is best in class available. Hard Alphanumeric Keypad alongwith USB Stick Option should be included in the specifications.	Sunlight readable QVGA or better includes VGA. No amendment required. Touch Screen/Virtual Keyboard is the minimum requirement. Hard Alpha-numeric keypad along with Touch Screen/Virtual Keyboard will also be accepted. No amendment required.