

No.DE/738/DGPS/NIDEM/2014
National Institute of Defence Estates Management,
Raksha Sampada Bhawan, Delhi Cantt.

**Minutes of the Pre-bid Meeting of Technical Evaluation Committee (TEC) for Procuring 41
Different Global Positioning Systems (DGPS) held on 26th March, 2015**

The meeting was attended by the participants listed in Annexure-‘A’.

2. Some of the firms had given their queries in writing which was discussed. The name of these firms as under:

1. Elcome Technologies Pvt. Ltd.
2. Convergent Technologies Pvt. Ltd.
3. Geosystems and Survey Softwares Pvt. Ltd.
4. Skipper Technologies India Pvt. Ltd.
5. South Precision Instrument Pvt. Ltd.

3. The queries of all these firms were discussed one by one and clarifications were given on each item. All the queries were out of domain & specifications of the tender. However, a list of clarifications given during the meeting is attached (Annexure-‘B’).

4. It was agreed to look into the following matter:

- a) Whether the Registration done with the Research and Development Centre, Snow & Avalanche Study Establishment under Min. of Defence, Govt. of India shall make a firm eligible for exemption from EMD. Committee decided to get it confirmed from concerned department.
- b) The Bidders requested to let them know the notification No. for custom duty exemption. It was agreed to find out the details of the said notification.



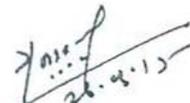
Sh. Harish Prasad
Director, NIDEM
Chairman



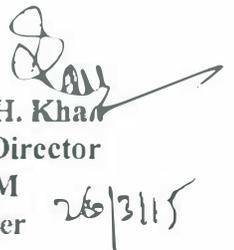
Sh. Rajiv Srivastava
Superintending Surveyor
Survey of India
Member



Sh. K V Nagi Reddy
Dy. Director General (C&Crd)
DGDE
Member



Sh. Prasad Chavan
Dy. Director General (L-II)
DGDE
Member



Dr. S.H. Khan
Joint Director
NIDEM
Member

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National Institute of Defence Estates Management

**INVITATION FOR GLOBAL E-BIDS FOR SUPPLY OF DUAL
FREQUENCY GLOBAL NAVIGATIONAL SATELLITE SYSTEM
(GNSS) (DIFFERENTIAL GLOBAL POSITIONING SYSTEM)**

**PREBID MEETING HELD ON 26.3.2015 AT 11.00 HRS IN THE OFFICE OF
DIRECTOR, NIDEM**

(ATTENDANCE SHEET FOR PREPRESENTATIVES OF FIRMS)

Sl No.	Name of Firm	Name & Designation of the Person Representing the Firm	Mobile Number & email ID	Signature
1	AARJAY INTERNATIONAL PVT LTD	COL ASHOK BHANDARI GM	9910995047 ashok_bhandari@aarjay.com	
2.	SANDEEP AGARWAL SLIPPER TECH	SANDEEP AGARWAL GM	9971611225 toplon@slippertech.com	
3	Rahul Ravi Lawrence & Mayo	Rahul Ravi Engg	9911084069 rdsc@lawrenceandmayo.co.in	
4.	MOIN RAZA KHAN	EXECUTIVE SALES	9650268432 mraza@lawrenceandmayo.co.in	
5	PFN INDIA CONSULTANTS A.K. SINGH & Co	A.K. SINGH GM	9717692535 ak Singh@pfnindia.com	
6	Converged Technologies 8133, WCA, Karol Bagh ANDS	RAJENDRA PATIL Vice President	9810124378 rajendra.patil@convergedtech.in	
7	ANANITH TECHNOLOGIES LTD.	U. Satish Dhanraj DGM	9000661723 satish.dhanraj@anarith.com	
8	SOUTH PRECISION INSTRUMENTS PVT LTD	MOHIT SAHARAVAT A.G.M	9891937687 India@southsurvey.com	
9	HARI KRISHNA CEGUP Systems	GM CE GUP systems (P) Pvt.	8588099291 hari.k@mapmyindia.com	
10.	GEO SYSTEMS & SOFTWARES.	AREW MEHROTRA Dir.	8306089501 geosystemsindia@gmail.com	
11	ELCOMETECH. PVT. LTD.	RAMAN KHANNA GM	9810641294 Raman.khanna@elcometech.com	
12	Nish chander AMIL Ltd.	Nish chander AMIL Ltd.	nishchander@amil.com	
13.	TRIMBLE	Ashwani Rawat Key Acc. Manager	ashwani-rawat@trimble.com 9910048882	
14	Janak Positioning & Surveying	Javed Iqbal (GM)	9899388498	

List of Clarifications

1. Elcome Technologies Pvt. Ltd.

SL.NO.	QUERY SOUGHT	CLARIFICATION BY TEC
1.	Tender Notice shows "Chemical Items", But here is no Chemical Items	Tenderers were advised to ignore the words.
2.	We are exempted from submitting the EMD as we are Registered with Snow & Avalanche Study Estt., Chandigarh (Under Ministry of Defence) vide Registration No. MPG / 8073 / 2014 / Registration dated 25 th July, 2015 valid till 24 th July, 2017. Kindly confirm if this is ok.	It will be confirmed & shall be intimated.
3.	Tender Fee is not mentioned in the tender document Kindly confirm?	No tender fee is required to be paid.
4.	8 mm + 1 ppm Now a days it is possible to achieve higher RTK accuracy. If required may include that. All major OEMs like Leica, Trimble, Topcon are now manufacturing GPS with this accuracy in RTK.	This suggestion is beyond the specification mentioned in the tender. Tenderers were advised to conform with the technical specifications mentioned in the tender.
5.	We understand you are looking for use of this GPS for next 10 to 15 years. In that case 50 channels may fall short to capture upcoming satellites. Kindly make it minimum 100 channels. All major OEMs like Leica, Trimble, Topcon are now manufacturing GPS with 100 or more channels.	-do-

6.	<p>Please include GPS L5 frequency as it is known that 8 satellites are transmitting GPS L5 signals and with its numerous advantage in positioning application.</p> <p>You may be targeting to use these equipments for next 10 to 15 years, it will be prudent to add this frequency. Also by adding L5 system will become future proof.</p>	-do
7.	<p>Since you are buying an RTK receiver so it always makes it efficient to use higher update rate receivers. Kindly enhance update rate to 20 Hz. All major OEMs like Leica, Trimble, Topcon are now manufacturing GPS with 20 Hz and more.</p>	-do
8	<p>Please clarify that user interface is required onboard receiver or in controller</p>	User interface is required in controller.
9	<p>Also the controller has been asked with Bluetooth so please add Bluetooth in receiver for communication between controller and receiver.</p>	This suggestion is beyond the specification mentioned in the tender. Tenderers were advised to conform with the technical specifications mentioned in the tender.
10	<p>Please clarify the level of upgrades required.</p>	Software upgrades of receiver, controller & post processing software required.
10	<p>Please clarify that alphanumeric hard keypad with virtual QWERTY is acceptable</p>	This suggestion is beyond the specification mentioned in the tender. Tenderers were advised to conform with the technical specifications mentioned in the tender.
11	<p>Please add Bluetooth to receiver also</p>	-do-

2. Convergent Technologies Pvt. Ltd., New Delhi

SL.NO.	QUERY SOUGHT	CLARIFICATION BY TEC
1.	But the mode of communication between base and rover for RTK is not specified. Is it UHF or GSM considered by you?	Communication by any mode is acceptable
2	This can be generalized as to display of battery percentage and login data either in controller or receiver.	Display required in controller.
3	This can be generalized as sealed, resistive, pressure sensitive touch screen	This suggestion is beyond the specification mentioned in the tender. Tenderers were advised to conform with the technical specifications mentioned in the tender.
4.	Serial port is obsolete in computer world and hence the same can be removed and made as communication USB, Wi-Fi , and Bluetooth .	Serial port may be optional but all other are mandatory.
5	But Tribach, adaptor, Tribach with optical plummet, telescopic tripods are available in India locally and hence should be removed as OEM supply. Also DGPS don't require standard tool kit. Please specify what are the tools required under the specified tool kit.	Preferable from OEM.
6	But the latest technology is integrated receiver, where receiver and antenna are integrated into single unit. The specification require modification as DGPS GNSS receiver and antenna should be separate units or can be integrated.	This suggestion is beyond the specification mentioned in the tender. Tenderers were advised to conform with the technical specifications mentioned in the tender.

3. Geo-Systems & Softwares Pvt. Ltd., Ghaziabad

SL. NO.	QUERY SOUGHT	CLARIFICATION BY TEC
1.	<p>You have indicated they both GNSS (DGPS) receiver & antenna should be separate unit. we wish to highlight that earlier days, we used to have receiver having 12 to 14 Channels and availability of satellites were 8 to 10 maximum, as we had only GPS satellite available. Because of this we used the external antenna to get better satellite signal and to remove the noise and unwanted signal. However with the advancement of technology where integrated receiver are available from 72 to more than 200 channels and the availability of the satellite are not limited to GPS signal only, but from other satellites like GLONASS, SBAS & BIUDAI. These receivers can track 14 to 16 or even more satellites at a time and we get good noise filtered signal from these integrated receivers. Also these days most of the leading manufacture except one or two manufacturers produced the integrated receiver. So we feel that in current situation there is no specific advantage of a separate receiver & antenna and it will also debar many leading manufacturer in submitting their bid so it should be modified to have integrated receiver.</p>	<p>This suggestion is beyond the specification mentioned in the tender. Tenderers were advised to conform with the technical specifications mentioned in the tender.</p>
2	<p>At serial no. 1 you have asked DUAL Frequency GNSS receiver with in-built software and software for data processing, whereas at item no 16 you have again asked GNSS processing software. So kindly clarify whether processing software required 82 no's or 164 no's. We feel that with one bundle DGPS (1 Base + 1 Receiver) one Processing Software is sufficient. So instead of 82 or 164 copies of processing softwares it should be 41 no's only.</p>	<p>82 nos. of processing software required.</p>
3	<p>Against the pre qualification requirements you have asked the turnover of 10 crore, it is not clear if this for the Indian bidder or of the OEM supplier, kindly clarify.</p>	<p>It applies on all bidders. He may be Indian or otherwise.</p>

4. Skipper Technologies Pvt. Ltd.

SL. NO.	QUERY SOUGHT	CLARIFICATION BY TEC
1.	Since, the successful bidder has to submit Performance Security, kindly reduce the EMD amount.	Not agreed
2	Since our GNSS Receiver has integrated Antenna, kindly combine items a,b & c.	This suggestion is beyond the specification mentioned in the tender. Tenderers were advised to conform with the technical specifications mentioned in the tender.
3	The requirement is of 41 Sets consisting of One Base + One Rover. Only One Processing Software is required with One Set, hence the quantity to be amended to 41 Nos.	82 nos. processing softwares required.
4	Since our GNSS Receiver has integrated Antenna, kindly amend to GNSS Receiver with Integrated Antenna.	As Si. No. 2
5	Since, the supplies have to be make to all over India, Octroi/Entry Tax Exemption Certificate necessarily required, wherever applicable.	Department will provide necessary certificates.
6	The warranty period is for five years, Kindly specify the AMC period after expiry of warranty period.	No AMC period is specified in tender.
7	Can the authorized Vendor submit IT Returns & audited Financials of OEM (Indian Subsidiary of OEM).	It applies on all bidders. He may be Indian or otherwise.
8	Topcon GNSS Receiver has two internal removal batteries and one power port for external batter. Kindly amend to facility for connecting one external battery.	This suggestion is beyond the specification mentioned in the tender. Tenderers were advised to conform with the technical specifications mentioned in the tender.
9	Topcon GNSS Receiver has two internal removable batteries having back up of >7.5 Hours each battery, hence amend to capable of operating the receiver for atleast 7.5 hours.	Battery back up of receiver should have 8 hrs without breakage.

5. South Precision Instrument Pvt. Ltd.

SL. NO.	QUERY SOUGHT	CLARIFICATION BY TEC
1.	The turnover may kindly be considered as 8 crore per annum for the consecutive last three years.	Not agreed
2.	We have supplied bulk DGPS to private consulting organization who are working and using equipments on several Govt. Project, like NLRMP, JNNU, IWMP, Irrigation Department etc.	This suggestion is beyond the specification mentioned in the tender. Tenderers were advised to conform with the requirement mentioned in the tender.

Clarification regarding Notification No. of Customs Deptt. of Central Government for claiming Custom duty Exemption

Query	Clarification
As reflected in Para 4(b) of the minutes of the Pre-bid meeting, many bidders present in meeting desired to know the Notification No. of Customs Deptt. under which Custom duty exemption is available for supplying of such equipment.	As per information gathered by TEC, the Notification No. is 51/96- Customs, dated 23.07.1996, as amended from time to time