

ENTREPRENEURSHIP DEVELOPMENT CENTER (EDC)**PRE-BID CLARIFICATION ON TENDER ENQUIRY NO: EDC/NIT/2013/005 FOR SUPPLY, INSTALLATION AND COMMISSIONING OF ADVANCED CONFOCAL LASER SCANNING MICROSCOPE SYSTEM.**

CLARIFICATION ON TENDER ENQUIRY NO: EDC/NIT/2013/005

ITEM DESCRIPTION: PROCUREMENT OF ADVANCED CONFOCAL LASER SCANNING MICROSCOPE SYSTEM.

Please refer our Press Tender Notice no: EDC/NIT/2013/005 dated 10/10/2013 for Procurement of Advanced Confocal Laser Scanning Microscope System tender ref no: EDC/NIT/2013/005.

Pre-bid meeting was held on 18th October 2013 between 11am- 1 pm and minutes of the meeting are as under:

At the outset, the General Manager welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the Project and thereafter briefed the vendors on the salient features of the commercial terms and read out the clarification sought by the prospective bidders and replied thereto as detailed in Annexure-I.

The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of EDC and all the Prospective Bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents.

The other terms & conditions of the notice issued on our EDC website www.venturecenter.co.in will remain unchanged. No more correspondence in this regard will be entertained.

The meeting ended with vote of thanks to the Chair.

28.10.2013

General Manager, EDC

PRE-BID CONFERENCE FOR PROCUREMENT OF ADVANCED CONFOCAL LASER SCANNING MICROSCOPE SYSTEM.

Technical queries and clarification

TENDER REF NO: EDC/NIT/2013/005

Date: 28.10.2013

S.No	Query/Clarification sought	Clarification/Amendment
1	Page no: 21, Chapter-4, Clause 2 To increase the minimum z-step resolution from 15nm to 25 nm.	Tender specification prevails. No change in the specification.
2	Page no: 21, Chapter-4, Clause 6 For specifying the kind of Confocal objectives that are preferred and also to not specify the numerical apertures for various objectives.	Page no: 21, Chapter-4, Clause 6 is amended as : High resolution Plan Achromatic objectives 10x, 20x, 40x oil (λ blue corrected) and 60/63x (λ blue corrected) with complete DIC accessories
3	Page no: 21, Chapter-4, Clause 8 To specify N.A for 20x objective.	Kindly quote whichever objective that is available with the manufacturer.
4	Page no: 21, Chapter-4, Clause 9 (a) To put GaAsP/HyD detector onsite up gradation possible in the future (b) Not to specify detectors to be built-in.	Tender specification prevails. No change in the specification.
5	Page no: 21, Chapter-4, Clause 10 To make it an option either same or separate detectors could perform spectral imaging.	Tender specification prevails. No change in the specification.
6	Page no: 22, Chapter-4, Clause 16 To change the scan resolution to at least 4Kx4k pixels.	Page no: 22, Chapter-4, Clause 16 amended as: Maximum scan resolution should be at least 4Kx4K pixels for all channels and higher will be preferred.
7	Page no: 22, Chapter-4, Clause 17 To change scan field diagonal at least 18 mm F.O.V.	Page no: 22, Chapter-4, Clause 17 amended as: The scan field diagonal should be at least 18 mm F.O.V. higher will be preferred.

8	<p>Page no: 22, Chapter-4, Clause 19 To make high speed scanner requirement in the essential features instead of optional item and to reduce the scan speed to 4 f.p.s.</p>	<p>Page no: 22, Chapter-4, Clause 19 is amended as: System should be capable of acquiring minimum 4 frames per seconds @ 512x512 pixel resolution and should increase with ROI and zoom selection. Digitization capability of 8/12/16 bit should be available with the system. Quote optionally the higher speed scanners available, if any.</p>
9	<p>Page no: 22, Chapter-4, Clause 22 To include 561 and 594 nm laser line.</p>	<p>Page no: 22, Chapter-4, Clause 22 is amended as: The following laser lines to excite a range of flourophores should be offered.</p> <ol style="list-style-type: none"> 1. Multiline Ar laser with 458/488/514 nm for dyes Alexa 488, GFP, Cy3, FITC, PI, etc. 2. laser with 543/555/559/561 nm for Rhodamine, Cy3, Texas Red TRITC etc. 3. laser with 633/635/639/640 nm for far red dyes. 4. laser with 594 nm (optional) 5. Blue Diode (UV) Laser 405/408nm for Hoechst, DAPI <p>All the lasers should be optically coupled and connected to the scan head through a fibre optic cable. All the visible and UV laser lines should be computer controlled through AOTF for fast laser attenuation and switching in synchronisation with scanner.</p>
10	<p>Page no: 23, Chapter-4, Clause 28 To allow separate software (instead of being controlled by Confocal software itself) controlling the Digital cooled monochrome camera.</p>	<p>Tender specification prevails. No change in the specification.</p>

PRE-BID CONFERENCE FOR PROCUREMENT OF ADVANCED CONFOCAL LASER SCANNING MICROSCOPE SYSTEM.

Commercial queries and clarification

TENDER REF NO: EDC/NIT/2013/005

Date: 28.10.2013

S. No	Query/clarification sought	Clarification/ amendment
1	Nil	Nil