

(NEWS PAPER MATTER)

TECHNOLOGY TRANSFER

IIT Guwahati offers **EXPRESSION OF INTEREST (EOI) with the REQUEST FOR PROPOSAL (RFP) FOR TRANSFER-OF-TECHNOLOGY (TOT)** OF THE FOLLOWING TECHNOLOGY FROM A PROJECT EXECUTED in the CENTRE FOR NANOTECHNOLOGY:

MeitY Project No. 5(1)/2022-NANO, Government of India, entitled "POCT DEVICE TO DETECT CERVICAL CANCER SPECIFIC BIOMARKER" implemented at IIT Guwahati (R&D/NANO/P/HOC/01) from the Centre for Nanotechnology. (Indian Patent Grant No. 374832)

Detailed information on the products is available on the IIT Guwahati website, <http://www.iitg.ac.in/nano/>. Interested parties are requested to provide their EOI along with details about present activities, product line, infrastructure, expertise and plans for implementation of the technology, as per the formats provided, to:

Dean, Industrial Interactions & Special Initiatives (II&SI)
IIT Guwahati, Guwahati- 781039, Assam, India
Phnoe – 03612582948, 2946
Email: doiisi@iitg.ac.in, hosiisi@iitg.ac.in

Last date for receipt of expression of interest: 28th December, 2023, until 12 Noon.

Bid opening will be done on 10th January, 2024 at 5 PM.

Addendum

- The TOT committee has fixed the minimum price of each technology at Rs. 10000.
- Startup Companies need not possess a basic turnover. However, they need to possess financial support in the form of competitive grants.
- Companies with ISO 13485 certification will be given preference.
- Startups with DPIIT/Startup India registration will be preferred.

Indian Institute of Technology Guwahati
Guwahati-781039
Assam
India



II&SI/2023-24/ToT – MeitY Project No. 5(1)/2022-NANO

Date: 7th December, 2023

From: Dean, Industrial Interactions & Special Initiatives (II&SI) IIT Guwahati, Guwahati- 781039, Assam, India Phnoe – 03612582948, 2946 Email: doiisi@iitg.ac.in , hosiisi@iitg.ac.in	To:
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NOTICE INVITING

EXPRESSION OF INTEREST (EOI) with Request-for-Proposal (RFP)

FOR

TRANSFER-OF-TECHNOLOGY (TOT)

OF

**THE FOLLOWING TECHNOLOGY FROM THE CENTRE FOR NANOTECHNOLOGY
UNDER THE PROJECT R&D/NANO/P/HOC/01 – MeitY Project No. 5(1)/2022-NANO**

MeitY Project No. 5(1)/2022-NANO, Government of India, entitled “POCT DEVICE TO DETECT CERVICAL CANCER SPECIFIC BIOMARKER” implemented at IIT Guwahati (R&D/NANO/P/HOC/01) from the Centre for Nanotechnology. (Indian Patent Grant No. 374832)

Quotations for Transfer-of-Technologies (TOT) for the technologies summarized in the **ANNEXURE-I**, in a double bid as indicated in the CHECKLIST given below, in sealed covers, are hereby invited so as to reach the undersigned on or before **December 28th, 2023, 12 noon.**

INSTRUCTION TO BIDDERS:

The applications are invited for the purpose of Technology Transfer/commercialization from the organizations with relevant experience.

1. The information to be furnished for the technologies, which may require customization based on the technology/product/service/prototype, is given in the Annexure-I. Interested parties can submit the technical and financial bids against the EOI-RFP along with the forms duly filled, in the formats provided with the EOI-RFP, with all relevant supporting documents.
2. There will not be any pre-bid meeting. The requirements as envisaged by the grantee institution and the queries of the vendors to be addressed over emails, phones or visits to the contact,

Dean, Industrial Interactions & Special Initiatives (II&SI)

IIT Guwahati, Guwahati- 781039, Assam, India

Phnoe – 03612582948, 2946

Email: doiisi@iitg.ac.in, hosiisi@iitg.ac.in

3. The bids against the EOI-RFP's submitted should be sealed properly and marked "EOI-RFP for TOT of product /technology/prototype" so as to reach the following address on or **before, December 28th, 2023, till 12 noon**. The details of the contact person,

Dean, Industrial Interactions & Special Initiatives (II&SI)

IIT Guwahati, Guwahati- 781039, Assam, India

Phnoe – 03612582948, 2946

Email: doiisi@iitg.ac.in, hosiisi@iitg.ac.in

The EOI-RFP bids shall be opened on **10th January, 2024 at 5 PM**

Institution may at its discretion--extend this deadline for the submission of EOI-RFP by amending the EOI-RFP documents, in which case all rights and obligations of Institutions and bidders previously subject to deadline will thereafter be subjected to the deadline as extended.

4. To assist in the examination, evaluation and comparison of EOI-RFP, Institution at its discretion can ask the bidder for the clarification of its EOI-RFP. The request for clarification and the response shall be in writing. However, no post submission of clarification at the initiative of the bidder shall be entertained. Authority reserves the right to visit the facilities of the bidders if required.
5. Bidders if they chose, may prior to submitting their EOI-RFP, visit Institution with prior appointment.
6. Bidders may be called for making a presentation before the committee.
7. IIT Guwahati may visit bidder's facilities for the assessment.
8. The technical and financial bids are to be submitted by the by the bidders in a single envelope and together. However, inside the envelope, there should be two separate envelopes, one containing the technical bid and the other containing the price bid. The vendor should write clearly 'TECHNICAL BID' and 'PRICE BID' at the outside cover of these envelopes to distinguish them. During the evaluation by the TOT committee, as per GOI norms, the technical BIDS will be opened first. The BIDS from the technically qualified vendors will be evaluated for the financial BIDS. The decision of the TOT committee appointed for this entire evaluation process is deemed final.

9. At any time before the submission of the bids against the EOIRFP, the IIT Guwahati may carry out amendments(s) to this EOIRFP document and/ or the schedule. The amendment will be made available on the website (Website details) and will be binding on them. The Authority may at its discretion extend the deadline for the submission of proposals.
10. The Authority reserves the right to accept or reject any application without assigning any reason thereof.
11. Bids that are incomplete in any respect or those that are not consistent with the requirements as specified in this document or those that do not adhere to formats, wherever specified may be considered non-responsive and may be liable for rejection and no further correspondences will be entertained with such bidders.
12. Canvassing in any form would disqualify the applicant.
13. The formats for the technical and price bids, MOU, vendor profile, submission format, and other details are available as enclosures with the advertised EOIRFP.
14. For any clarifications on the EOIRFP document, the following may be contacted through e-mail/FAX/Letter:

Details of the contact person

Dean, Industrial Interactions & Special Initiatives (II&SI)
IIT Guwahati, Guwahati- 781039, Assam, India
Phnoe – 03612582948, 2946
Email: doiisi@iitg.ac.in, hosiisi@iitg.ac.in

Addendum

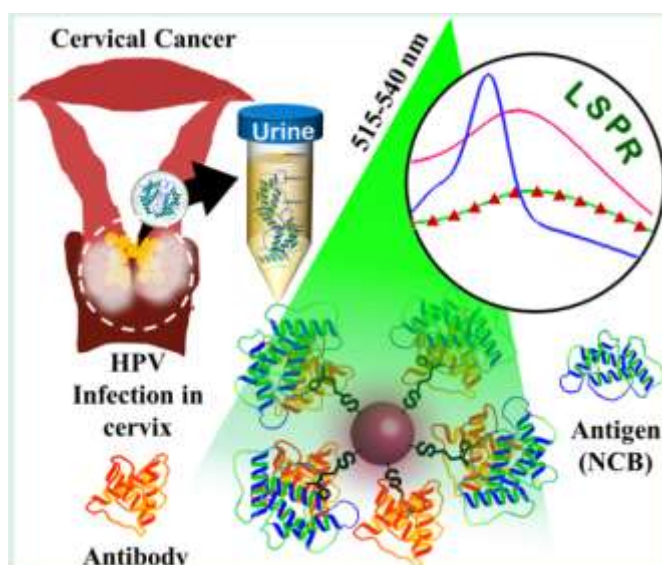
- Price of each technology will be fixed through Technology Transfer agreement.
- Startup Companies need not possess a basic turnover. However, they need to possess financial support in the form of competitive grants.
- Companies with ISO 13485 certification will be given preference.
- Startups with DPIIT/Startup India registration will be preferred.

Competent authority
IIT Guwahati

Annexure – I

Details of the Technologies and Qualification Criteria of Bidders for TOT

MeitY Project No. 5(1)/2022-NANO, Government of India, entitled “POCT DEVICE TO DETECT CERVICAL CANCER SPECIFIC BIOMARKER” implemented at IIT Guwahati (R&D/NANO/P/HOC/01) from the Centre for Nanotechnology. (Indian Patent Grant No. 374832)



A biomarker sensor specific sensing of cervical cancer comprising gold nanoparticles with capture molecule immobilized thereon exhibiting LSPR for target, PP1Y2 biomarker and a non-invasive and point of care testing (POCT) device facilitating biomarker based cervical cancer detection system comprising an optical source; a sample stage holding said biomarker sensor comprising gold nanoparticles with capture molecule immobilized thereon adapted for exhibiting LSPR for target PP1Y2 biomarker in the analyte for LSPR based target biomarker detection and a signal processor means including an optical detector. The said POCT is based on the detection of the intensity change happens due to the variation in the refractive index at the surface of a Localized Surface Plasmon Resonance (LSPR) system owing to lock-and-key interaction of antibody and antigen.

Ref:

- Poct device to detect cervical cancer specific biomarker (Indian Patent Grant No. 374832)
- Basak, Mitali; Mitra, Shirsendu; Agnihotri, Saurabh; Jain, Ankita; Vyas, Akanksha; Brahma Bhatt, Madan; Sachan, Rekha; Sachdev, Monika; Nemade, Harshal; Bandyopadhyay, Dipankar. (2021). Noninvasive Point-of-Care Nanobiosensing of Cervical Cancer as an Auxiliary to Pap-Smear Test. ACS Applied Bio Materials. 4. 10.1021/acsabm.1c00470.

2. Technical Requirements of Commercial Agency to Technically Qualify for TOT

IIT Guwahati invites competent industrial partners for commercialization of the above listed devices through transfer of technology. The technology will be transferred on non-exclusive basis. The financial bid for the TOT to be submitted by the commercial agency and the financial part will be finalized based on mutual agreement between the PI,s at IIT Guwahati and the commercial partner.

The ToT package from the commercial agency should contain the following:

- 1) Documents for development plan.
- 2) Product development specifications.
- 3) Test plans and procedures.
- 4) Clinical trials.
- 5) Manufacturing Plans.
- 6) Sales Strategy.
- 7) Plans for Further Research & Development at IIT Guwahati
- 8) Plans for further investment on the Research & Developments at IIT Guwahati
- 9) Any other financial benefit plans with the Investigators

IIT Guwahati is to train the engineers of the ToT partner during different stages of the transfer of technology.

Who can apply?

Industries/Start Ups with experience in manufacturing or assembling of Health Care prototypes, Health Care Product Design, and Marketing/Sales can approach IIT Guwahati. Example cases of such prior compilations should be provided with the Technical BID against the EOI-RFP. Professionally managed Companies and Corporates are also welcome to apply for the technology. The IIT Guwahati based startups are encouraged to bid and may get preference upon submission of a competent proposal. Startups with DPIIT/Startup India registration and ISO 13485 Certification will be given preference. The proposed committee of experts for TOT, constituted by the IIT Guwahati and MeitY, Govt. of India, is to assess the capabilities and strengths of the industry before finalizing the technology partners. The decision of the TOT committee appointed for this entire evaluation process is deemed final.

How to apply?

Interested companies may send the proposals against the EOI-RFP with the following details:

(i) A draft MOU, in the attached format

(ii) A Separate Technical bid containing the following matters, in the attached format

- 1) Documents for development plan.
- 2) Product development specifications.
- 3) Test plans and procedures.
- 4) Clinical trials.
- 5) Manufacturing Plans.
- 6) Sales Strategy.
- 7) Plans for Further Research & Development at IIT Guwahati
- 8) Plans for further investment on the Research & Developments at IIT Guwahati
- 9) Any other financial benefit plans with the Investigators

(iii) A Separate Financial Bid containing the following matters, in the attached format

- (1) Valuation of Each Technology
- (2) One-time purchase value for each Technology during TOT
- (3) Payment and Payment Modes for each Technology (Before, during, and after TOT)

- (4) Investment layouts for the Research & Development related to the technologies transferred at IIT Guwahati
 - (5) Investment layouts for future Research & Developments at IIT Guwahati
 - (6) Any other financial benefit plans with the Investigators
 - (7) Other Pricing Details and Strategies
- (iv) Profile of the Bidder and Company, in the attached format.
- (v) All necessary supporting documents of the claims made in the previous points and the bid.
- (vi) Any Other Matter

The proposal should arrive in the contact,
Dean, Industrial Interactions & Special Initiatives (II&SI)
IIT Guwahati, Guwahati- 781039, Assam, India
Phnoe – 03612582948, 2946
Email: doiisi@iitg.ac.in, hosiisi@iitg.ac.in

General:

The industry willing to take technology for commercial exploitation will be required to enter into a TOT agreement with IIT Guwahati as per the terms and conditions approved by the competent authority in the and MeitY, as per the attached prescribed format.

Format for Technical Bid Submission

*Please furnish the details of the followings with images and schemes for each technology mentioned in the EOI-RFP

**Annexures can be added if additional details need to be furnished

Sl. No	Activity	Details
1	Documents for development plan	
2	Product development specifications	
3	Test plans and procedures	
4	Clinical Trials	
5	Manufacturing Plans	
6	Sales Strategy	

7	All the Documents/Certificates related to Company (e.g. copies of incorporation, income tax details for past financial years, awards, grants, SME/MSME/Startup certificates, CIN, TAN, PAN, TIN, and others necessary to establish)	
8	Any Other matter	

Format for Price Bid Submission

*Please furnish the details of the followings with images and schemes for each technology mentioned in the EOI-RFP

**Annexures can be added if additional details need to be furnished

Sl. No	Activity	Details
1	Valuation of Each Technology	
2	One-time purchase value for each Technology during TOT	
3	Payment and Payment Modes for each Technology (Before, during, and after TOT)	
4	Investment layouts for the Research & Development related to the technologies transferred at IIT Guwahati	
5	Investment layouts for future Research & Developments at IIT Guwahati	

6	Any other financial benefit plans with the Investigators	
7	Other Pricing Details and Strategies	

Questionnaire

ToT Requested for: _____

1	Name of the Company	
2	Name & designation of the Contact Person	
3	Address with telephone No. & Email ID	
4	Website address	
5	Products / Service handled by the Company	
6	Details of Income Tax registration, Sales Tax registration, Service Tax registration, Excise Duty registration	
7	PAN Number	
8	Available Technical Manpower (Engineers, Skilled, Semi-Skilled, Non-Skilled)	Manufacturing: Testing: Service Support: Marketing:
9	Manufacturing and Testing Facility (Infrastructure with equipments)	
10	ISO Certification / In-house QA	
11	Presence in the Country	
12	Any other Matter	

Guidelines for Technology Transfer

The following details should be submitted along with EOI-RFP.

Part-A

A.	Company Profile
1.	Name of the Organization: Website
2.	Name of the Contact Person: Name: Address: Telephone: Fax: E-Mail:
3.	Year of Incorporation
4.	Type of Organization a. Public Sector/ Limited/ Private Limited/ Partnership/ Proprietary/Society/ Any other b. Whether 'Foreign Equity Participation (Please give name of foreign equity participant and percentage thereof) c. Names of Directors of the Board/Proprietors d. Name and address of NRI(s), if any
5.	Category of the firm: Large/Medium/Small scale unit
6.	Address of the Registered Office:
7.	Number of Offices with addresses (Excluding Registered Office: India Abroad
8.	Certificate of registration as a manufacturing unit
9.	Permanent Account Number
10.	Sales Tax Number/ VAT
11.	Status of ISO9001/ISO13485 Certification

Technical Collaborations:

B.	ESSENTIAL REQUIREMENTS (Certificates to be attached)
1.	The organization must be a reputed firm/company/SME/start-up/R&D company in health care for 2 years incorporated in India. The alumni from IIT Guwahati having a competitive start up grant in Health Care with Startup India or DPIIT registration may be preferred.
2.	The turnover is to be supported by financial statements of accounts/ Annual reports duly certified by a Chartered accountant/ Balance sheets of last 3 years/Income tax returns for the last 3 years period.
3.	Company profile, giving details of current activities and management/ personnel structure including evidence of incorporation. The company should be registered and ISO 9001/ISO13485 or equivalent certified.
4.	Details of absorption of technology for a product/ knowhow that has been taken up on production scale in the past may also be given
5.	<p>The manpower strength (Technical: Mechanical, Electrical, Electronics, Software & Non-Technical etc.) at various levels to be furnished</p> <p>Technical:</p> <ul style="list-style-type: none"> a. B.E./ B.TECH/PhD b. DIPLOMA c. SKILLED TECHNICIANS d. UNSKILLED <p>Non-Technical:</p>
6.	The list of machine tools /equipment's/software's/facilities available related with work to be furnished.
7.	The in-house technological expertise available to be furnished
8.	The list of equipments available for inspection and quality control to be furnished.
9.	The industry should have adequate space for undertaking this work. Available space- Covered & Open to be furnished.
10.	List of products/technologies worked with as regular activity in the last three years. Give the list of products/technologies with general specifications and the customers.
11.	List of PSUs/ Govt. customers – with contact detail (Address, Telephone. no., Contact Person)
12.	The details of sales, marketing and maintenance network to be furnished
13.	The list of technical collaborations for various ongoing products may be furnished
14.	The bidder shall provide details of the sub-vendors in case they propose to employ for Part-work.

C.	Expression of Interest: Spell out the extent of interest
D.	The ToT will be done stage-wise: The preferred stages may be furnished.
E.	The ToT fee, equity, and royalty, payment schedule

I hereby declare that the above information is true to the best of my knowledge.

Signature with Name & Seal:

Place:

Date: