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Name : Thsti Department of Biotechnology

H.No/Floor : Na

Sector/Ward : Na

Landmark : Na

City/Village : Faridabad

District : Faridabad

State : Haryana

Phone : 98*****08



Purpose : GENERAL AGREEMENT to be submitted at Na

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MEMORANDUM OF UNDERSTANDING

Between

Translational Health Science and Technology Institute (THSTI)

And

Department of Biotechnology Ministry of Science & Technology Government of India

(For 2020-2021)

MEMORANDUM OF UNDERSTANDING

Between

Translational Health Science and Technology Institute and Department of Biotechnology,
Ministry of Science & Technology, Government of India for 2020-2021

This Memorandum of Understanding (MoU) is being signed by and between;

The First Party, Department of Biotechnology, Ministry of Science & Technology, Government of India (hereinafter referred to as DBT)

AND

डा. गगनदीप कंग / Dr. Gagandeep Kang

कार्यकारी निदेशक / Executive Director

ट्रांसलेशनल स्वास्थ्य विज्ञान एवं प्रौद्योगिकी संस्थान

(भारत सरकार के विज्ञान एवं प्रौद्योगिकी विभाग का एक स्वायत्त संस्थान)

Translational Health Science and Technology Institute

(An autonomous institute of the Deptt. of Biotechnology, Government of India)

NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Road

PO Box No. 04, Faridabad-121001 Haryana, India

The Second Party, Translational Health Science and Technology Institute (THSTI) (hereinafter referred to as the Institution)

with the objective to measure the performance of the Institution on key selected parameters against the targets set so as to improve the performance on the critical parameters of the organization.

This MoU has been structured into five parts:

Part I: Mission, Vision and Objectives

Part II: Exercise of Enhanced Autonomy and Delegation of Financial Powers

Part III: Performance Evaluation Parameters and Targets

Part IV: Facilitation / Assistance from Ministry of S&T

Part V: Action Plan for Implementation and Monitoring of the MoU

PART I. MISSION, VISION AND OBJECTIVES

1. Mission: Translating of science generated knowledge and platform technologies into products for public health system and for defined patient groups. To pursue grand challenges in public health related to affordable technologies through group excellence.
2. Vision: Initial focus on infectious diseases, to extend to cover chronic diseases. THSTI follows a three-pronged approach by: (i) creating new knowledge for innovation, (ii) developing innovative solutions based on existing knowledge and (iii) devising new strategies for implementation of existing solutions. The institute complements discovery, design and development of interventions by building rigorous research capacity through high-quality training. The institute is addressing issues of national priority through theme-based research programs on infectious diseases, maternal and child health, metabolic diseases and diagnostics (for infectious diseases).
3. Objectives
 1. To create a broad based program of excellence in translational health science & technology and its application.
 2. To support and create a network of scientific collaboration and research resource centres, to provide seed funds for novel translational work facilitated by a separate evaluation process. The research resource centres shall be given core support.
 3. To develop denovo or by acquisition of early leads generated by others, new or improved vaccines, adjuvants, bio-therapeutic products, bio-diagnostics and biomarkers, nutraceuticals, delivery systems for drugs and vaccines and cell based technologies.
 4. To identify technologies that are relevant to primary, secondary and tertiary healthcare irrespective of the source of development, optimize them and facilitate their diffusion. To identify and to provide support to scale-up validation and commercialization of the relevant technologies developed by other institutions and Small Medium Enterprises (SMEs) and internationally developed technologies provided the technology is licensed to an Indian company with whom the institute can partner.

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5. To make 20% of the institute's lab space accessible to the researchers of small and medium companies on a user charge basis and to other extramural scientists but for translational purpose. These facilities maybe in terms of developing novel and validated assays for product evaluation, clinical trial design and coordination, regulatory and Intellectual Property Rights (IPR) support, product design and refinement services access to platform technologies i.e. genomics, proteomics, imaging, nuclear magnetic resonance, chemical and molecular libraries, biosafety level III and others.
6. To co-ordinate inter-institutional translational research such as cohort and molecular ecology studies for understanding the molecular mechanisms of disease. To complement the technology development process and development of interventions by the knowledge generated by the studies. To develop a centralized core equipment facility to be available on user charge basis to other institutes and SMEs.
7. To achieve the above, to recruit a unique faculty with basic scientists, technologists, physicians, researchers, engineers, statisticians, bio-informaticians to work under one roof.
8. To set up a unit for developing policies related to Health Science Technologies, identify needs, facilitate conceptualization and design of new technologies and products. This unit will create ready to use ideas and grand challenges for Council of Scientific and Industrial Research (CSIR) labs, Indian Council of Medical Research (ICMR), Department of Science and Technology (DST), SMEs and for programmes of Department of Biotechnology (DBT) and its autonomous Institutions. The unit will be funded from the budget of the translational centre but be manned only by contract appointees.
9. Education and Training: To initiate Masters/Fellowships / Diploma courses in Translational Health Science, interdisciplinary PhD and Post- Doctoral programmes in association with other participating institutions for physician scientists, short term training for SME and other professionals in product development, in regulation and IPR management and to support the activity in other medical schools in India.
10. To provide platforms for active interaction among scientists, health specialists, technologists and entrepreneurs both nationally and internationally.
11. To give core support to the research resource centres.

PART II. EXERCISE OF ENHANCED AUTONOMY AND DELEGATION OF FINANCIAL POWERS

1. All powers delegated to autonomous institutes will be exercised as per various rules and orders issued/notified from time to time
2. Signing of any understanding / MoU by the Institution with any other party including similar organizations abroad would be informed to DBT and if such an understanding / MoU entails any financial liability, over and above the grants provided by DBT through sanction of yearly budget under various heads, on Government of India, then approval of DBT will be taken before such signing.
3. The user charges/ sources of internal revenue generation will be reviewed by the Governing Body of the Institution at least once a year. This exercise should be completed before October, 2020, the time by which the process for Union Annual Budget for 2021-22 is started by the Ministry/Govt. of India. The rates of user charges/fee shall be as per rates adopted by the Governing Body from time to time. The institute shall ensure timely audit of its accounts.


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4. The Government support for implementation of revised pay scales will be given, but the Institute will give full justification for it. The revised pay scales will be implemented only after specific orders of DBT/ Government of India in this regard.
5. The Institution shall follow the General Financial Rules 2017 issued by Department of Expenditure, Ministry of Finance, Government of India in all its financial transactions, including procurement of goods and services. The institute shall also carry out such directions as may be issued to it from time to time by the Government of India for its efficient management
6. The Institution shall adopt the Public Financial Management System (PFMS) for receipt of all funds from DBT/Government of India and make all payments through the PFMS to the last mile as far as possible. The institute shall implement EAT Module of GoI and shall send implementation Report.
7. The Institute shall procure the goods and services through Gem Portal to the extent they are available on it. Only those items shall be exempted to be procured from other market places that are not available in Gem.
8. The Institute shall timely prepare and lay its Annual Report on the Table of the House, if so required by them.
9. The Institution shall send to DBT any information required by it to satisfy any requirement related to Parliamentary Matter, RTI, Public Grievances or inputs to policy decision to be taken by the DBT within the time specified by the Ministry/Department.
10. The Institute shall maintain an updated website and shall upload information pertaining to the user charges, patents, publications, information sought under RTI matters and other such information required to be disclosed under public domain, and also replies given by them to Parliament Questions duly approved by DBT. The Institute shall strive to maintain accuracy and transparency with the Department and public through its dedicated website. The Institute shall update its website from time to time to make it comprehensive in a way that it is beneficial for the community directly or indirectly affected by its domain.

PART III. PERFORMANCE EVALUATION PARAMETERS AND TARGETS 2019-20

1. In fulfillment of its obligations under the MoU, the Institution undertakes to achieve certain levels of performance for the year 2020-21. The performance will be evaluated using the criteria listed at Annexure I. The weights to be attached to each criterion and the criterion values corresponding to different performance ratings are also given therein. The overall score will be calculated through the formula given in the Annexure in each parameter.

PART IV. FACILITATION / ASSISTANCE FROM THE GOVERNMENT

1. The Institution has made the commitment of Performance Evaluation Targets based on certain assumptions in respect of timely release of grants from the Consolidated Fund of India and raising of other resources which has a direct bearing on the performance of the Institution committed in this MoU. The commitment of DBT and other possible sources of revenue generation are listed in the Annexure.

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PART V. ACTION PLAN FOR IMPLEMENTATION AND MONITORING OF THE MoU

1. Performance evaluation against MoU parameters shall be carried out every financial year, along with the budget proposals and monitored by the Institute for effective implementation in the forthcoming financial year. The performance appraisal duly approved by the GB shall be submitted to Department of Biotechnology before 30th April of forthcoming financial year.
2. The performance for the previous financial year shall be reviewed by the Governing Body.
3. The institute shall be bound to keep the Grants-in-Aid in interest bearing Account and the Interest earned thereon will be returned to DBT before the end of first quarter of succeeding Financial Year. The Institute shall be bound to get the audit of its accounts done by that time.

Signature



Executive Director

Translational Health Science and
Technology Institute

Date : 04.08.2020

Signature



Secretary

Department of Biotechnology
Ministry of Science and Technology

Date:

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Annexures

Annexure I: Performance Evaluation Sheet

Annexure II: Details of funds

Annexure I
Department of Biotechnology

S. No.	Criteria	Actual Achievements of last year (2019-20)	Marks	Unit of Measurement	Projected target for FY 2020-21				
1	2	3	4	5	6				
1	Administrative Performance		10		Excellent	Very Good	Good	Fair	Poor
1.1	Timely filling up of all categories of posts	100%	2	Percentage of positions filled/advertised	100	81-99	66-80	51-65	> 51
1.2	Training of employees	100%	2	Percentage of employees trained	50	>40	>30	>20	>10
1.3	Submission of information as sought by DBT in relevant time	0 days delay	2	Number of days of delay	0	7	14	30	> 30
1.4	Timely submission of AR	0 days delay	1	Number of days of delay	0	7	14	30	>30
1.5	Timely disposal of RTIs and Grievances	100%	2	Percentage disposal of RTI/Representations/Grievances	100	81-99	65-79	51-64	>51
1.6	Working of the Institution in electronic mode	30%	1	Percentage of work done in electronic mode	30	>25	>20	>15	>5
2	Financial Performance		10						
2.1	Timely submission of UC/SE	About seven days delay	1	No of days of delay	0	7	14	21	>21

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2.2	Revenue generated as % of total DBT core funds	5.46%	3	Percentage of total DBT core funds (recurring) 139.43/2550	5 or more	Less than 5 but upto 4	Less than 4 but upto 3.5	Less than 3.5 but upto 3	Less than 3
2.3	Unspent balances	32% as on 29 th Feb 2020	1	percentage of unspent balance against total release	<8	8 to 10	11 to 15	16 to 20	>20
2.4	Procurement through GeM	66%	1	Percentage of procurement (other than scientific equipment/cons umables)	91-100	81-90	71-80	61-70	> 61
2.5	Audit of Accounts and its timely submission	0 days delay	1	No of days of delay	0	7	14	30	>30
2.6	i. ATN to C&G Audit para	0 days delay	1	No of days of delay	15	30	35	40	>40
	ii. Reply to Audit inspection Report by C &AG iii. Report to Audit inspection Report of internal audit wing (IAW)	0 days delay	1	No of days of delay	20	30	45	50	>50
2.7	Whether database relating to grants, income, expenditure, investment, assets and employees strength in accordance with Rule 229 (vii) of GFR 2017 maintained.	100%	1	Percentage of database maintained.	100	81-99	66-80	51-65	> 51
3	Compliance		5						
3.1	Timely meetings of GB	0 days delay	2	No. of days delay	0	30	45	60	70
3.2	Annual Review by SAC	0 days delay	3	No. of days delay	0	30	45	60	70

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4	Infrastructure Development		5						
4.1	Use of facilities by outside scientists	32 users	4	No. of outside users	30	15	13	7	4
4.2	Percentage of operational cost met from User Charges	0.58	1	Percentage of operational cost	3	2.5	2	1.5	<1
5	Research and Development Indicator		60						
5.1	EMR funding received	18	8	No. of projects	15-20	11-14	9-10	7-8	<7
5.2	International funding received	7	5	No. of projects	5	3	2	1	0
5.3	No. of Intra-institutional collab.	7	3	No. of projects	8	6	4	3	<3
5.4	No. of collab. with national scientific Org.(funded and MoU)	50	5	No. of projects	10	8	7	6	<6
5.5	No. of collab. with domestic industry (MoU and research funding)	8	7	No. of projects	5	4	3	2	1
5.6	No. of collab. with international scientific Org. and Industry(MoU and research funding)	7	7	No. of projects	8	6	5	4	<4
5.7	No. of Publications	30 as on 01 st March 2020	14	No. of publications	24	18-20	15-17	12-14	<12
5.8	No. of Patents filed/granted	18	3	No. of technologies	8	6	5	4	<4
5.9	No. of tech. transfer/commercialized	0	3	No. of technologies	1	1	0	0	0
5.10	No. of start-ups	3	5	No. of start-ups	1	0	0	0	0

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6	Human Resource Development		5						
6.1	Doctoral Degree Conferred	10	1	No. of students	6	4	3	2	1
6.2	Doctoral Students Registered	12	1	No. of students	10	8	5	4	2
6.3	Scientists sponsored for training programs	More than 50	1	No. of scientists	≥ 50	41-49	31-40	21-39	<21
6.4	External Scientists trained by Institute	More than 150	1	No. of scientists	≥ 150	100-149	95-99	80-94	<80
6.5	Visiting faculty from overseas	15	1	No. of faculty/scientists	15	12	10	8	5
7	Science and Society linkages and Outreach		5						
7.1	Training conducted for school and college students	18	1	No. of trainings	6	5	4	3	2
7.2	Local level intervention for societal programs	3	1	No. of programs	3	2	1	0	0
7.3	No. of talks delivered by scientists at college and school level	4	1	No. of talks	≥ 17	12	14	10	<10
7.4	Open Day for school and college students	3	2	No. of open days/ no of schools colleges visited	5	3	2	1	0

Note 1: For parameter 4-7 each institute may select weightage for sub parameters ensuring that the total of the parameter if maintained

100-90	Excellent
89-70	Very Good
69-65	Good

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64-50	Fair
Less than 50	Poor

Distribution of marks will be as under:

Marks	Excellent	Very Good	Good	Fair	Poor
1	1	0.75	0.5	0.25	01
2	2	1.5	1	0.5	0.25
3	3	2.5	2	1.5	1
4	4	3.5	3	2.5	2
5	5	4.5	3.5	3	2.5

Note: Where marks are above 5, the same will be calculated as multiple of the relevant marks shown above.

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Annexure-II

(a) Details of funds available with the Institute in last three years:

(Rs. In Lakhs)

Sl. No.	Nature of funds	2017-18	2018-19	2019-20
1	Grant-in-Aid (Core)	2948.31	4194.32	5150.00
2	Internal revenue generation			
	(a) Bank Interest	87.98	98.04	128.75
	(b) Other Income	5.20	31.94	29.03
3	Corpus funds	0.00	0.00	0.00
4	Other Sources (EMR funding)			
	Government funding			
	(a) Projects	2530.45	1683.91	3787.01
	(b) Fellowships	314.74	198.14	123.68
	Non-Government Funding	2551.37	1712.07	914.79
	Total	8438.05	7918.42	10133.26

(b) Revenue and Receipt

Estimate of receipt and expenditure for the period of MoU (2020-21) are as under:

(Rs. In Lakhs)

S. No.	Nature of receipts	Amount	Head of Expenditure	Amount
1	Core Grant			
	GIA-Salaries	1000.00	GIA-Salaries	1000.00
	GIA-General	2830.00	GIA-General	2830.00
	GIA-Creation of Capital assets	3700.00	GIA-Creation of Capital assets	3700.00
2	Internal Resources			
	(a) Other income	35.00		35.00
3	Corpus funds	0.00		0.00
4	Other Sources (EMR funding)			
	Government funding			
	(a) Projects	6646.67		6646.67
	(b) Fellowships	135.43		135.43
	Non-Government Funding	332.90		332.90
	Total	14680		14680

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