

Naandi Foundation, 502, Trendset Towers Road No. 2, Banjara Hills, Hyderabad-500034 Telangana, India 2 +91 40 2355 6491/92 A+9140 2355 6537 55 Info@naandi.org www.naandi.org



LETTER OF ACKNOWLEDGEMENT

9th September, 2020

TO WHOMSOEVER IT MAY CONCERN

This is to acknowledge Dr. Regina Sharmila Dass' heartfelt involvement in supporting Naandi Foundation as a juror and Consultant Microbiologist for our annual farmer assessment program called 'Gems of Araku' from 2017 to 2020. Dr. Dass was compensated with an honorarium every year to cover her travel costs, field work, and her consultancy services. The honorarium details (paid with TDS) from 2017-2020 are given below:

- 2017: Rs 20,000/-
- o 2018: Rs 40,000/-
- o 2019: Rs 40,000/-
- o 2020: Rs 40,000/-

Dr. Dass has been a regular and integral part of our yearly efforts to identify high performing coffee farmers in Araku, and we are grateful for her invaluable contributions towards helping us restore microbial biodiversity to the landscape of Araku with regenerative agriculture.

For NAANDI FOUNDATION





B.P. 12 918, Rue 23, Zone portuaire , Lomé TOGO, Tel (+ 228) 22 71 53 11 / 12 / 13 * Fax (+228) 22 22 20 03 * Email : Info@sprukfield.com Registered office SPRUKFIELD LIMITED 1st Fir, Kirkland House, 11 - 15 Paterborough Rd Harrow, Middlesex HA1 2AX.

26th April,2019

To, REGINA SHARMILA DASS. Pondicherry, India

Sub: Invitation Letter

Dear Mrs. Regina,

This serves as a Invitation letter to you, to visit us at our site in Lomé-Togo West Africa. We had several discussions with you on the subject of your Assistance to us in realizing our dream project of our Agricultural farm which is about 230 Hectares of land.

We are forwarding your Air tickets within India and also from Mumbai to Lomé Togo. Your lodging Boarding, and local transport shall be borne by us, and we are pleased to inform you that we shall be there at the Airport personally to welcome you.

It will be a matter of Great Honor for us to be associated with you, as we have very high regards for your knowledge in Agricultural field.

Your Visa is ready on arrival here on the 12th of May 2019.

Thanking you,

Yours truly,

For SPRUKFIELD (UK) SA



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Selection of Cohort -2 proposal for credit disbursement under MeitY QCAL

2 messages

 Meity QC Lab <meity.qclab@digitalindia.gov.in>
 Tue, Apr 25, 2023 at 9:23 PM

 To: tchithralekha@gmail.com
 Cc: punyani <punyani@amazon.com>, priyavap <priyavap@amazon.com>, AJEET KUMAR

 <ajjit.vishen@digitalindia.gov.in>

Dear Sir/Madam

Thank you for submitting your proposal under Cohort-2 Call for Proposals with MeitY Quantum Computing Applications Lab (QCAL).

2. We are happy to inform you that your proposal has been selected to grant credits for research work under MeitY QCAL. The detail (Title, PI, Co-PI, Credit amount etc) of the proposal is indicated below.

Proposal Title	Institution	PI	Co PI	Credit USD	Duration Months
Quantum	Pondicherry	Dr T.	Dr.	10000	24
Cryptographic System.	University	Chithralekha	Paventhan		

3. The QCAL credits will be disbursed in phases. Initially credits will be granted for phase-1 as per proposal submitted. Credits for next phases (phase-2 or so) will be granted on submission of progress summary of previous phases.

4. Credit allocation procedure: You need to create an AWS account (preferably using e-mail-id allocated by Institute). Your AWS account will be tagged as child account to MeitY-AWS account. However, the credits will be allocated to your account only. Any consumption beyond credit limit allocated to you will be your responsibility.

5. In this regard, please write to **meity.qclab@digitalindia.gov.in** with CC mark to Mr Sachin Punyani (punyani@amazon.com)/ Dr Anjani Priyadarsini (priyavap@amazon.com) for any further query and assistance.

Yours sincerely,

for - MeitY QCAL Team meity.qclab@digitalindia.gov.in

Ajeet Kumar SC-PM, NeGD, MeitY +91 92126 83060 ajit.vishen@digitalindia.gov.in To: soumya s <soumyaechu@gmail.com>

FYI!

Congratulations!!

C [Quoted text hidden]

Dr. T. Chithralekha Professor, Dept. of Computer Science Dean, School of Engineering & Technology Pondicherry University Puducherry 605014 Mobile: 73392 69966

Statement of Work - Fisker Inc Sponsored Project

This statement of work (this SOW) is made and entered into to be effective as of this 09.09.2019 ("Effective date") by and between Fisker Inc (Including its subsidiaries and Affiliates). "Fisker" and Pondicherry University ("University").

This SOW is attached to made part of the sponsored Research Agreement dated 06.20.2019 (the "agreement") between Fisker and Pondicherry University.

Scope

Project: Developing New Doped Cubic Lithium Lanthanum Zirconium Oxide (c-LLZO, Garnet) Nano-Powders

Principle Investigator: Prof. Ramaswamy Murugan

Department of Physics, Pondicherry University,

Puducherry, India 605014

Fisker Inc Primary contact: Dr. Larry Renna,

Fisker Inc.

Funding amount: Rs. 3343\$

Other Team Members:

Dan Kelly, Program Manager – Fisker Inc.

Pondicherry University shall perform the following research activities with the following objectives:

Objective

Developing New Doped Cubic Lithium Lanthanum Zirconium Oxide (c-LLZO, Garnet) Nano-Powders

Task 1.1: Identify dopants and precursors (month 1-2)

Key deliverables in Task 1.1 (month 1-2)

- Milestone 1.1.1. Dopants definitions
 - Sr and Ca doping in LLZO for the reduction of processing temperature
 - Ga and Rb for the enhancement of Li⁺ conductivity
- Milestone 1.1.2 Procurement of raw materials
- Milestone 1.1.3 Synthesis of precursors

Task 1.2 Synthesis of c-LLZO and validation (month 2-3)

Key deliverables in Task 1.2 (month 2-3)

- Milestone 2.1 Synthesis of c-LLZO
- Milestone 2.2 Characterization of c-LLZO
- Milestone 2.3 Delivery of characterization data to Fisker
- Milestone 2.4 Delivery of o-LLZO samples to Fisker

Guidelines for carrying out this project

1. The goal of the first three months is to synthesize LLZO samples containing dopant ions that will result in powders that can be sintered at temperatures <1000C. Therefore, weekly updates should report on the synthesis of doped LLZO, characterization of synthesized materials, and all details involved in the synthesis from beginning to end. This includes, but is not limited to, details on precursors used, sintering conditions, resultant densities achieved, etc.

2. 20 g sample due by the end of the month should be accompanied with corresponding XRD, Raman and DLS and processing conditions. The samples can be delivered anytime during the month of at least 5 g per individual sample. Samples delivered to Fisker should already be processed such that they can be used in tape casting; i.e. crushed and sieved.

INVOICE

Number: PU/PHY/FIS/01

Date: 10.09.2019

To

Fisker Inc, a Delaware Corporation, 1580 Francisco Street Suite B, Torrance, CA 90501.

SI. No.	Description	Total Amount
1.	Manpower: Post-Doctoral Research Associate: (714.3\$ per month)	714.3\$ × 3 = 2143 \$
2.	Consumables and contingencies: (400\$ per month)	400\$ × 3 = 1200 \$
	Grand Total :	3343 \$

Payment Details:

Account Name: Pondicherry University Account no: 6659345284 Bank Name: Indian Bank Branch name: Pondicherry University IFSC Code: IDIB000P152 MICR: 605019011 SWIFT CODE: IDIBINBBPON

Thank you.



Dr. Ramaswamy MURUGAN Professor Department of Physics Pondicherry University Puducherry - 605 014, India

SPONSORED RESEARCH AGREEMENT

This Sponsored Research Agreement ("Agreement") is entered into hetwoon Corning Incorporated, a New York Corporation, with its registered office at 1 Riverfront Plaza, Corning New York, 14831 ("Corning") and the University of Pondicherry ("University") an educational institution with offices at RV Nagar, Kalapet, Puducherry 605 014 India established under the laws of India, effective September 30, 2019 ("Effective Date").

Background

The efforts contemplated by this Agreement are of mutual interest and benefit to University and to Corning, will further instructional and/or research objectives of University, and may derive benefits for both Corning and University through inventions, improvements, and/or discoveries;

The parties wish to enter into this Agreement to define certain terms relating to the Project, which shall be described in Annex A.

The parties hereby agree to the following:

1 Definitions

- 1.1 "Project" means the specific project described and documented in Annex A which is attached hereto.
- 1.2 "University intellectual Property ("University IP") means all inventions or discoveries that are conceived or discovered solely by one or more employees of University in performance of the Project including without limitation any improvement, idea, work of authorship, copyright, design or writing lincluding any computer programs, code or documentation) or any know-how.
- 1.3 Corring Intellectual Property ("Corning IP") means all Inventions or discoveries that are conceived or discovered solely by one or more employees of Corning in performance of the Project Including without limitation any improvement, idea, work of authorship, copyright, design or writing (including any computer programs, code or documentation) or any know-how.
- 1.4 Jointly Developed Intellectual Property ("Joint IP") means all inventions or discoveries which are conceived or discovered jointly by one or more employees of University and by one or more employees of Corning in performance of the Project, and all works of authorship which are jointly made by such employees of University and Corning including without limitation any improvement, idea, work of authorship, copyright, design or writing (including any computer programs, code or documentation) or any know-how.
- 1.5 Corning Background Intellectual Property ("Corning BIP") means all Intellectual Property related to the subject matter of the Project that is, prior to the Effective Date of this

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Agreement, either a) owned by Corning, or b) I censed or otherwise in the control of Corning, whether such IP is patented, patent pending, subject to assignment, a trade secret or otherwise protected. All rights and the to the Corning Background IP will remain with Corning unless a license or other assignment of rights is granted by Corning to University.

1.6 University Background Intellectual Property ("University BIP") means all Intellectual Property related to the subject matter of the Project that is, prior to the Effective Date of this Agreement, either allowing by University, or bl licensed or otherwise in the control of University, whether such IP is patented, patent pending, subject to assignment, a trade secret or otherwise protected. All rights and title to University BIP will remain with University unless a license or other assignment of rights is granted by University to Corning.

- 1.7 "Affiliate" means for a named party to this Agreement any entity that directly or indirectly, (i) owns or controls, or (ii) is owned ar controlled by, or (iii) is under common ownership or control as such party. As used herein, ownership or control of a corporation or any other entity requires the direct or indirect ownership of stock or other interest representing more than fifty percent (50%) of the voting power for the election or appointment of directors, managers, general partners, or similar officials of such corporation or entity.
- 1.8 "Corning's field" is manufecturing, synthesis, development, and sale of glass, ceramic, glass-ceramic, and solid electrolyte materials or derivatives thereof, and products such as strengthened cover glass, environmental filter substrates, high-quality display glass, architectural glazing, automobile glass, optical components, communications, life science componentry, battery materials, batteries, and/or components thereof (e.g., anode, cathode, interlayer(s), electrolyte, etc.). Corning's Field includes storing and organizing data for development of such materials and products.
- 2 Scope of Work

University will use best efforts to perform the Project.

3 Key Personnel

Corning shall identify a technical coordinator, and University shall identify a principal investigator, for the Project. If for any reason the principal investigator or any other key personnel become unable to continue the Project, University and Corning will altempt to agree upon a successor. If agreement cennot be reached, the Project will be terminated pursuant to Section 16 (Termination/Survival) horein.

4 Duration

This Agreement will be in effect from the Effective Date until November 30, 2020, unless terminated earlier pursuant to section 15 (Termination/Survival) herein. The parties anticipate that this Agreement may be extended (e.g., annually) by amendment until November 30, 2022. Deliverables and expanditures beyond the duration of this Agreement are prospective, anticipating such extension of the Agreement.

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Costs

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5.1 University will be reimbursed for costs incurred in connection with the research up to the amount specified by the costs and payment schedule in Annex A. Corning will not be obligated to make any payment in excess of such amounts unless Annex A is modified in accordance with section 17 (Sole Agreement/Change).

5.2 All involces must reference Corning's purchase order and must be sent to:

Email: <u>mailsvc@corning.com</u> CS5 - Corning Incorporated Accounts Payable HP-AB-01-A9B Corning, NY 14831 United States

Any questions regarding payment of involces should be emailed to univcont@corning.com

Coming will make payments to University within 90 days after University's invoice has been received and accepted. Coming will remit payment to (to be provided by University):

> Pondicherry University RV Nagar, Kalapet, Puducherry 605 014 India DR. AMARESH SAMANTARAYA, Finance Officer 91 413 2655178 ID@pondium.edu.in

University shall maintain complete and accurate accounting records, in a form in accordance with standard accounting practices, to substantiate charges made hereunder. Coming will have access to such records, for purpose of audit and verification of such charges, at mutually agreeable times during the term of this Agreement and for a period of three years after completion of this Agreement.

6 Technical Reports

- 6.1 Progress reports will be furnished to Corning at mutually agreeable times throughout the term of the Project as set forth in the Project Annex. A final report setting forth the accomplishments and significant findings will be submitted by University to Corning within 60 days after the completion of the Project. All notices, reports, and other written communications of any nature to be provided by University to Corning under this Agreement will be in the English language.
- 6.2 All research results generated by University in the performance of this Agreement are owned by University. Subject to Section 9, Corning will have the right to use all such research results for any purpose.

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Costs

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5.1 University will be reimbursed for costs incurred in connection with the research up to the amount specified by the costs and payment schedule in Annex A. Corning will not be obligated to make any payment in excess of such amounts unless Annex A is modified in accordance with section 17 (Sole Agreement/Change).

5.2 All involces must reference Corning's purchase order and must be sent to:

Email: mailsvc@coming.com CS5 - Corning Incorporated Accounts Payable HP-AB-01-A98 Corning, NY 14831 United States

Any questions regarding payment of invoices should be emailed to univcont@coming.com

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Pondicherry University RV Nager, Kalapet, Puducherry 605 014 India DR. AMARESH SAMANITARAYA, Finance Officer 91 413 2655178 fo@pondiuml.edu.in

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- 6.2 All research results generated by University in the performance of this Agreement are owned by University. Subject to Section 9, Corning will have the right to use all such research results for any purpose.

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publishing such proposed publication for an additional 60 days in order to protect the potential patentability of any invention or discovery described therein.

8.3 Corring will be given full credit and acknowledgment for support provided to University in any publication resulting from this Agreement, unless requested otherwise by Corning.

9 Intellectual Property

- 9.1 University makes no claim to Corning BIP. Corning makes no claim to University BIP, with the exception of any license granted in section 9.2
- 9.2 University IP will be owned by University. University hereby grants to Corning a non-exclusive, worldwide, fully paid-up, royalty-free, irrevocable license to make, neve made, including the right to sublicense, to use or sell products or practice any process under any technology rights in University IP, and, in Corning's Field, an exclusive, worldwide, fully paid-up, royalty-free, irrevocable license to make, have made, including the right to sublicense, to use or sell products or practice any process under any technology rights in University IP. To the extent that access to University BIP is necessary in order for Corning to exercise its rights under this section 9.2, and to the extent it is legally authorized to do so, University hereby grants to Corning a non-exclusive, worldwide, fully paid-up, royalty-free, irrevocable license, with the right to sublicense, to use or sell products or practice any process under any technology rights in University P. To the extent this section 9.2, and to the extent it is legally authorized to do so, University hereby grants to Corning a non-exclusive, worldwide, fully paid-up, royalty-free, irrevocable license, with the right to sublicense, to use or sell products or practice any process under such University BIP. This right shall include the right to utilize "computer software."
- 9.3 Joint IP will be jointly owned by both parties. Either Party may use Joint IP without the consent of, or contribution to, the other Party; except, in Corning's Field, University grants Corning an exclusive, worldwide, fully paid-up, royalty-free, irrevocable license to make, have made, including the right to sublicense, to use or sell products or practice any process under any technology rights in University's interest in Joint IP. University expressly waives its right to hold Corning accountable for compensation and Corning shall be free to exploit such Joint IP for all purposes without accounting to University in all jurisdictions. University agrees to Join and cooperate in any intellectual property enforcement actions when requested by Corning. All decisions regarding prosecution and settlement of enforcement actions will remain solaly with Corning.
- 9.4 Coming IP will be owned by Coming, regardless of where it is made.
- 9.5 University hereby grants to Corning an exclusive option to negatiate for an exclusive, worldwide, royalty-bearing license, with the ability to sublicense, to make, have made, use or sell products or practice any process under University IP or University's interest in Joint IP outside of Corning's Field. Such option will expire nine months after notice from University IP or nine months after Corning files the first non-provisional patent application for University IP or nine months after Corning files the first non-provisional patent application on Joint IP, with both parties negotiating in good faith and using all reasonable efforts to conclude such negotiations within the option period. University will keep Corning informed of all progress on such University IP. Such a license for University IP will include the right for Corning to prepare, prosecute, maintain, and enforce patents, and may

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Include reasonable fees and reasonable royalties. In any event, University retains the right to practice the subject matter of any such exclusive license for educational and research purposes.

9.5 With respect to University IP, University has the right, but not the obligation, to file patent applications to protect such University IP. University shall absorb the costs for securing and maintaining patent protection. University shall exercise reasonable efforts to provide Coming the opportunity to review all documents to be filed at any patent office and to afford Coming sufficient time for comment. All reasonable comments will be incorporated. Coming shall have an option to such University IP as described in section 9.5 herein.

- 9.7 With respect to Joint IP. Coming has the right, but not the obligation, to file patent applications to protect such inventions or discoveries. Coming shall absorb the costs for securing and maintaining patent protection. University will assist in the preparation and prosecution (by providing access to the inventors) of all patent applications, at no charge to Coming. The patent applications will be assigned to both University and Coming with Coming having as the rights described in sections 9.2-9.3 and 9.5 herein.
- 9.8 For iointly Developed or University IP, if either party elects not to; 1) file any patent applications, 2) not to continue prosecution of a patent application, or 3) not to maintain a patent; the other party has the option to file such patent application, continue prosecution of such patent application, or maintain such patent at its sole expense. The non-filing party will assist in the preparation and prosecution (by providing access to the inventors) of all patent applications, at no charge.

10. Publicity

Neither party will use the name or trademark of the other party for advertising purposes. However, University has the right to publish, with advance notice to Corning, the existence of this Agreement, but not its contents, in its normal listing of University research activities.

- 11 Universities Obligations-Employees/Other
- 11.1 University will have an appropriate agreement with each of its employees, students or others whose services University may require, sufficient to enable University to comply with all the terms of this Agreement.
- 11.2 Personnel provided by University are employees of University and will not for any purpose be considered employees or agents of Corning.
- 12 Warranties and Liability

WARRANTY. The parties to this Agreement make no warranties, expressed or implied, as to any matter whatsoever, including, without limitation, the condition of the research or any invention(s) or product(s), whether tangible

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or intangible, conceived, discovered, or developed under this Agreement, or the ownership, merchantability, or fitness for a particular purpose of the research or any such invention or product.

RELEASE FROM LIABILITY. University releases Corning and its officers, employees and agents and Corning releases University and its Trustees, officers, employees, and agents from all liability, and each shall be responsible, for any and all costs, damages, and expenses, including attorney fees, arising from any claims, damages, and liabilities asserted by third parties in connection with or arising from that same party's use of data and Intellectual Property, or any other research result created under this Agreement. Neither party shall be liable to the other for any direct, indirect, consequential, special or other damages suffered by any licensee or any others resulting from the authorized use of the research or any such invention or product by one of the parties.

13. Insurance

- 13.1 Each party hereto represents that it has adequate liability insurance to cover potential claims deriving from its activities hereunder, such protection being applicable to officers, employees, and agents while acting within the scope of their employment by the insuring party.
- 13.2 Each Party hereby assumes any and all risks of personal injury and property damage attributable to the acts of that Party and the officers, employees, and agents thereof.

14. Independent Entities

Neither party is authorized or empowered to act as an agent for the other for any purpose and shall not on behall of the other enter into any contract, warranty, or representation as to any matter. Neither shall be bound by the acts or conduct of the other.

15. Assignment and Delegation

Corning, at its sole discretion, can assign its rights or delegate performance of its obligations under this Agreement, in whole or in part, (including without limitation the obligations to pay for goods or services, or to perform services) to an Affiliate of Corning without notice to or the consent of University, provided, however, Corning will remain obligated to University for any such Affiliate delegated to perform under this Agreement.

Except as provided in this section 15 (Assignment and Delegation), neither this Agreement, nor any rights or obligations hereunder, may be assigned, transferred, pledged, or encumbered by a party without the express prior written consent of the other party.

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Notwithstanding the aforementioned, either party may assign or transfer this Agreement, without the consent of the other party, in connection with the transfer (by sale of assets, merger or other corporate transaction) of all or substantially all of the assets of the business unit to which this Agreement pertains.

16. Termination/Survival

This Agreement may be terminated at any time by either party giving the other party at least 60 days written notice of termination. In the event of termination or expiration of the Project, or University's inability to perform, University shall return to Corning all drawings, blueprints, descriptions, papers or documents which contain Curning Confidential Information as well as a final report summarizing all work up to the date of notice of termination. In the event of termination by Corning, University shall be reimbursed for all reasonable expenses incurred and any non-concelable commitments properly made prior to the date of the termination notice. In no event shall the liability of Corning exceed the costs agreed to in Annex A. The rights and obligations of sections 5 (Costs), 6 (Technical Reports), 7 (Confidential Information), 8 (Publications), 9 (Intellectual Property), and 12 (Warranty), shall survive the cancellation, expiration, or termination of the Agreement.

17. Sole Agreement/Change

This Agreement, including all attachments referenced herein, evidences the complete understanding between the parties heroto and supersedes all prior agreements and understandings between the parties respecting the subject matter hereof. Any changes to this Agreement must be in writing and signed by both parties.

18. Governing Law

This Agreement shall be governed and construed in accordance with the laws of the State of New York, without regard to conflicts of law Frincipals. All dispute resolution, including without limitation itigation relating to this Agreement, will be brought in the State of New York in the state or federal court having appropriate subject matter jurisdiction.

19 Notices

Notices under this Agreement are required to be in writing and sent to the following addresses:

If to University:

Dr. H. Prathap Kumar Shetty Dean (Research) Pondicherry University Poducherry 605 614 India dean.research@pondiuni.edu.in

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If to Corning:

External Collaborations Office Corning Incorporated SP-FR-02-10 Corning, NY 14831 univcont@corning.com

With copies to:

IP Agreement Coordinator Corning Incorporated SP TI-03 Corning, NY 14831

30. Headings

The section and paragraph headings in this Agreement are for convenience only and do not constitute a part hereof.

21. Execution

Each party intends that a facsimile of its signature printed by a receiving fax machine or an electronic copy of its signature stored in a pdf software application format shall be regarded as an original signature and agrees that this agreement can be executed in any number of counterparts, each of which shall be effective upon delivery and thereafter shall be deemed an original, and all of which shall be taken to be one and the same instrument, for the same effect as if all parties hereto had signed the same signature page.

22. Negotiation and Drafting

This Agreement was negotiated among the parties, each of whom had the opportunity to consult with legal counsel during the negotiation, drafting, and execution of this Agreement, and this Agreement may not be construed against any party as the drafter.

23. Export Control

Coming is subject to United States laws and regulations controlling the export of goods, software, and technology, including technical data, laboratory prototypes, and other commodities, including "deemed exports", and complies with all applicable laws and regulations, including the Arms Export Control Act, the International Traffic in Arms. Regulations ("ITAR"), the Export Administration Regulations ("EAR"), and the laws and regulations implemented by the Office of Foreign Assets Control, U.S. Department of the Treesury ("OFAC").

University shall exercise strict control covering the disclosure of and access to technical data, information and other items received from Corning hereunder in accordance with

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U.S. export control laws and regulations, including but not limited to the iTAR and EAR. Without limiting the generality of the foregoing, University represents and warrants that it will not disclose technical data, information and other items received from Corning hereunder in any manner which constitutes a deemed expart without appropriate authorization or which violates any U.S. government sanctions administered by OFAC.

The transfer of certain technical data, services, and commodities may require a license from the cognizant agency of the United States Government and/or written assurances by University that it will not re-export or retransfer the data or commodities to certain foreign countries without prior approval of the cognizant U.S. government agency. While Corning agrees to reasonably cooperate in securing any license that the cognizant agency deems necessary in connection with this Agreement, Corning cannot guarantee that such licenses will be granted. Notwithstanding anything to the contrary, if such required export license cannot be reasonably obtained from the government agency. Corning shall be exempted, without further action or liability, from all its obligations herein to convey any rights in or to intellectual property or otherwise deliver such intellectual property, including but not limited to technical data.

In addition, diversion contrary to U.S. law is prohibited

24: Conflict of Terms

In the event of a conflict between the terms of this Agreement (including any and all attachments thereto and amendments thereof) and the Terms and Conditions of a Corning Purchase Order under which the University is operating pursuant to this Agreement, the terms of this Agreement will control such conflicting terms only. All other Furchase Order Terms and Conditions will apply.

The parties are signing this Agreement on the dates indicated below.

oring CORNING INCORPORATED UNIVERSITY SLR (Signature) 12/03/2019 Sig KUHAE SHETTY Cary (Name) Senior labrese (Name) resident CP Dee (Title) (Title) December 3, 2019 10 Nov 2 22 (Date) (Date)

Dr. Prethop Komer Shelty H. n.o. Printescor & Tearn (Research) Printescor & Tearn (Research) Printescory (Research) Printescory (Research)

Annex A

Project Title: Solid State Battery Materials

Key porsonnel:

Principal Investigator - (University) Professor Ramaswamy Murugan Department of Physics Pondicherry University Kalapet, Puducherry, 605014, India ntoranamurugan.ahy@pondiuni.edu.in +91 413 2654782

Technical Coordinator - (Corning) Dr. Kamal K Soni 1 Science Center Drive Corning, NY 14831 sonikk@corning.com 607-974-2688

Duration: Dec. 1, 2019 - Nov. 30, 2020

Statement of Work

Part-A: Interface angineering for Lithium metal containing battery with garnet electrolyte

Objective:

All solid-state battery systems are of great interest because of potential benefits in gravimetric and volumetric energy density, operable temperature range, and safety in comparison to traditional liquid electrolyte based systems. One of the most promising solid electrolytes to realize such battery systems are Lista 2r2O11 (LLZO) garnet and variants. This electrolyte exhibits very high onic conductivities, as well as good chemical and electrochemical stabilities in a wide potential window. However, it has been recognized that high interfacial resistance and poor critical current density hinders long-term operation of all solid-state batteries.

It has recently been shown that, thin morganic coatings at the garnet | electrode interface is essential for negating the interface resistance and internal stresses. This proposal aims to develop high lithium-ion conducting nano-sized garnet powder and thin film coatings to improve garnet/Li and gamet/cathode interfacial impedance and hybrid cell critical current density.

The main objectives of the proposal are:

- Preparation of high lithium-ion conducting nano-sized ithium garnet pewder and dense
- Identifying suitable coating materials for lithium/garnet and cathode/garnet interface.
- Fabrication of hybrid and all-solid-state bettery

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 Electrochemical evaluation and optimization for high performance (enhanced critical current density)

Background. Murugan group at Pondicherry University has expertise in sol-gel chemistry. coatings, garnet electrolyte fabrication and electrochemical testing. Coming is interested in identifying surface treatments and coatings which can improve the cell performance of the hybrid type cell with a lithium metal anode, gamet electrolyte, and a conventional intercalation cathode with liquid catholyte.

Statement of work:

Murugan team to investigate sol-gel type coating on ALLIZO and TaiLIZO type garnets. Coating chemistries will include target chemistries which show promise for ionic conductivity > 10⁻⁷ S/cm, such as lithium silicates/lithium alumino silcates / LIPON / LI-Zn / LI-Bi / LisN / UzvCn (BoxOa (LCBO) /U-C will be identified and appropriate sol chemistries/thin film coating, and firing methods compatible with garnet cell construction will be developed. Costings will be evaluated by optical microscopy and SEM/EDAX to evaluate physical compatibility with garnet. If promising coatings are developed, Li/coating/garnet/coating/Li symmetric cells and Li/coating/garnet/coating/cathode type cells with intercalation cathode and liquid catholyte will

be evaluated.

The interfacial engineering will be extended to the gamet tapes provided by Coming. Pondicherry University will provide lithium gamet powders to process it in to tapes by corning.

Part-8: All Solid-State Lithium metal Battery with Thin Sintered Cathode

Objective:

Thin-film micro-batteries based upon LIPON solid electrolyte and lithium cobainite (LCO) cathodes maintain capacity over thousands of charge-discharge cycles. They utilize a lithium metal anode and can be charged at cuirent densities exceeding 5 mA/cm³ without dendrite formation. However, the material system is not widely since sputter deposition of LIPON and LCO is slow. This film micro-batteries are expensive and energy density is limited by thickness of the LCD, typically less than 1-2 µm.

It has recently been demonstrated that ribbons of ECO can be made by coramic forming and sintering processes with areas over 10 cm² and thickness of 30 µm without need for grinding or polishing. This proposal is to assess interaction of sintered LCO ribbon with LIPON deposition processes and screen performance in a solid-state lithium ion battery. The objectives of the proposal are as follows:

- Validate processes for deposition of LIPON solid electrolyte 1.
- ii. Fabricate reference thin-film micro-batteries on a suitable substrate such a zirconia
- III. Assess deposition of UPON on sintered LCD ribbons as a function of deposition parameters

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iv. Build prototype lithium ion battery with energy density >200 W-Fr/L Coming Restricted

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 Screen charge-discharge endurance and critical current density Background and Expertise;

Prof. Murugan is a recognized expert in the field solid-electrolyte and materials for solid-state batteries. He is credited with invention of Ethium gamets that are being intensively researched for high energy density battery applications. Pondicherry University has the specialized equipment to conduct a study of this nature.

Work Break Down and Tasks:

The program will consist of two phases:

Part-A: Interface engineering for Lithium metal containing battery with samet electrolyte

Phase E

- Processing high L^a conductive and dense thin lithium gamet membrane of ~ 500 µm thickness at Pondicherry University.
- Evaluating the microstructure, phase and electrochemical properties of propared lithium garnets.
- 3. Developing suitable material and interfacial engineering for both Li/garnet interface and garnet/cathode interface. Lithium silicates/Lithium alumino silcates/LiPON/Li-Zn/Li-Bi/Li_{2.3}Ce_{2.3}Be_{3.3}O₂ (LCBO)/Li-C/cathode ink, will be used as an interfacial material and techniques like sol chemistries/thin film coating, will be utilized.
- The coatings will be evaluated by optical microscopy/SEM/EDAX/EIS to evaluate physical compatibility and electrochemical stability with the garnet.

 Pondicherry university will provide nano-sized ithium gamets powder to Corning for further process it in to tapes

Key Deliverables:

- High lithium-ion conducting nano-sized lithium gamet powder and dorse gamet membrane (10* 5 cm⁻²) with optimal thickness of 500 µm.
- Suitable buffer layer for U/gamet membrane and cathode/gamet membrane with low interface resistance

Delivery of nano-sized lithium garnets powder to Coming

Phase II

- The developed and optimized interfacial engineering will be extended to lithium garnet tapes provided by Coming.
- Coating of buffer layer above lithium garnet tapes will be imaged by SEM/EDAX to evaluate physical bonding and chemical stability.
- Electrochemical studies like EIS and lithium stripping/platting of Ll/coating/gamet. tape/coating/Ll symmetric cells will be carried out to evaluate the interface resistance and critical current density.

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 Li/costing/garnet tape /costing/cathode type cells with intercalation cathode and liquid catholyte will be studied as a function of charging rates (0.1 C, 0.2 C, 0.3 C, 0.4 C, 0.5 C) Key Deliverables:

- Suitable interface modification (i) to reduce Li/garnet tape and cathode/garnet tape resistance and (ii) endure righ critical current density (at least 1 mA/cm²)
- Fabrication of Hybrid and solid-state batteries with enhanced performance.
- Part-B : All Solid-State Lithium metal Battery with Thin Sintered Cathode Phase 1: Thin-Film Process Development (3-6 months)

Trials will be conducted to validate thin-film deposition processes for LIPON and LCO. Process conditions will be varied to gauge how deposition rate, layer thickness, orientation, surface roughness and composition of the layers are affected. Composition of LIPON will be determined by XPS. Its lithium ion and electronic conductivity will be determined via AC and DC methods and confirmed to be greater than 10⁻⁵ S/cm and less than 10⁻¹² S/cm, respectively, for films that measure 0.5 to 1.5 µm in thickness. LCO films will be characterized by surface XRD for phase and grain texture. Surface roughness may be determined by either contact profilometry or more preferably interferometric methods. Coating of the LCO and LIPON will be imaged by high resolution SEM.

The above processes will be used to fabricate small thin-film micro-batteries like those developed by Bates and Dudney. The thin-film batteries should develop open circuit potential and withstand a minimum of 20 charge-discharge cycles at 1 mA/cm³ at room temperature.

Key deliverables:

- Validated process conditions for deposition of LIPCN
- Protocols for fabrication of micro-batteries
- Reference samples

Part-8 Phase 2: Ribbon LCO and LiPON (6-12 months)

UPON will be deposited onto thin disks cut from sintered ribbons of LCO provided by Corning Research and Development Corporation (CRDC). The disks will consist of two thicknesses and two levels of closed porosity to study process interactions. The UPON deposition processes can introduce stress such as due to differences in thermal expansion. Mismatch strains between the LCO and UPON will be determined such as by changes in curvature pioneered by Stonay. Thinfilm deposition processes naturally yield flat surfaces. In contrast, grain, grain boundaries and occasional pits are visible on surfaces of fired ceramics. Coverage of these features on sintered LCO by UPON will be evaluated at selected locations by high resolution SEM and over the entirety of the surface such as by verifying absence of electrical shorts such as with the assistance of evaporated motal.

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Solid-state batteries will be made with LCO disks cut from one type of ribbon. The batteries will be evaluated for and compared to the thin-film micro-batteries in Phase 1 on the following metrics. Change in capacity even the course of 20 cycles at 0.10 rate, change in capacity as a function of charging rates of 0.1, 0.2, 0.5, and 1.0C, and critical current density.

Communication Plan:

There will be period meetings between Prof. Murugan and Corning staff to discuss progress and issues with the plan and ensure that milestones are met or adjusted as necessary.

Itemized Budget:

Phase 1 (6 Months for Part A&B)

SL. No	Item Category	USD	
2	Manpower Post-Doctoral Fellow Senior Research Associate Consumables	(6x700) (6x450)	4200 3700
3	Contingencies		1500
1	Consultancy Fee to I'rof. Romeswamy Murugan	(0x500)	750
Bars 2 (13	Total Months for Part A&B)		12150

SL

No	Hem Category	USD	
1	Manpower Post-Doctoral Fellow Senior Research Associate	(12×700) (12×450)	8400
2	Consumables	(123400)	5400
3	Contingencies		3000
4	Consultancy Fee to Prof. Ramaswamy Murugan	(12x500)	6000
	Total		24300

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Dr.P.TIRUPATHI RAO M.Sc., M.Phil, Ph.D., M.B.A., D.C.A. PROFESSOR, DEPARTMENT OF STATISTICS Ramanujan School of Math. Sciences



PONDICHERRY UNIVERSITY (A central University) R. V. Nagar, Kalaper, Puducherry-605014, India

drtrpadi@gmail.com.traopadi.sta@pondiuni.edu.in Phr 91-413-2654-829 (O), 91-9486492241 (M)

Date: 17.06.2020

To The Dean, Research Pondicherry University

Sir,

Sub: Details of revenue generated - Online EDP on Data Science - Department of Statistics- - Regarding

Ref: Your reply email to my email dated 02.06.2020.

As per the information with Indian Bank SB account, opened for the said purpose, we received Rs.1, 49,500/- (Rupees One Lakh Forty Five Thousand Five Hundred only). I am here with providing the details of revenue generated in the online EDP on data Science conducted during May 2020.

S.No.	Date	Transaction Details (fees collected)	Amour
1	22.04.2020	Aravindan N	20000
2	24.04.2020	UPI Transfer /011	4000
3	25.04.2020	IMPS P2A/011616	4000
4	02.05.2020	Mobile Transfer/Reg	4000
5	02.05.2020	Mobile Transfer/Reg	4000
6	04.05.2020	UPI Transfer /012	4000
7	05.05.2020	Indian Maritime	5000
8	05.05.2021	Indian Maritime	5000
9	05.05.2022	Indian Maritime	5000
10	05.05.2023	Indian Maritime	5000
11	06.05.2020	Mobile Transfer /R Ba	2000
12	06.05.2021	Asmita	2000
13	07.05,2020	Sharvanee saund	4000
14	07.05.2021	Transfer 68676	2000
15	08.05.2020	Transfer 68677	5500
16	08.05.2021	UPI Transfer/012	4000
17	14.05.2020	Balasubramanian	5000
18	15.05.2020	Transfer 68676	2500
19	16.05.2020	Mr. Avinash Gode	5000
20	18.05.2302 0	Faylene Therese	5000
21	20.05.2020	imps/p2a/014110	5000
22	20.05.2020	UPI TRANSFER/014	500
23	21.05.2020	DIVYA SHARMA	5000
24	21.05.2021	Asmitha	2500
25	21.05.2022	Transfer 68676	2500
26	22.05.2023	IMPS/P2A/014222	5000
27	22.05.2024	IMPS/P2A/014223	5000
28	22.05.2025	IMPS/P2A/014310	5000
29	27.05.2026	Faylene Therese	6000
30	28.05.2027	IMPS/P2A/014918	6800
31	29.05.2028	IMP5/P2A/015012	6000
32	29.05.2029	IMPS/P2A/015013	500
33	29.05.2030	IMPS/P2A/015013	500

34	29.05.2031	Transfer 68676	3000
		Total Amount Collected	149500

The Expenditure related to the EDP is as follows.

S.No.	Description on Item of Expenditure	Amoun 1
1	Laptop Battery	3100
2	Zebtronics Head Phone MIC	300
3	USB flash Drive Scandisk	450
3	External Memory disk - Toshiba 1 TB	4500
5	MS windows 10 OS	8600
6	Payment to Account of Finance Officer, Pondicherry University towards GST	26910
7	Remuneration to Resource Persons (Ms. Rajya Lakshmi – Rs. 30,000/- Dr. P. Tirupathi Rao – Rs. 18,000/- Mr. Srikanth CS – Rs. 16,000/-)	64000
	Total Expenditure	107860

After making all types of payments, an amount of Rs.41,640/- (Rupees Forty One Thousands Six Hundred and Forty only) is left over. Hence, I am remitting Rs.41,640/-in the account of Finance Officer, Pondicherry University after expenditures. I request you to that the share of the coordinator earned through EDP may kindly be reimbursed at your earliest convenience.

Thanking you

yours Sincerely

Dr. PADI. TIRUPATHI RAO Bunfistics ment of 11:19:40 605 914, ladie. LA Padacherry

icar	Name of the program	No. of Participants	Duration of the Programme	Total Annual Earnings	Name & Designation of the Organizer	Department Name
0-21	Executive Development Program on Data Science (Online mode)	89	3 rd , 9 th , 10 th , 16 th , 17 th , 23 rd , 24 th , 30 th and 31 rd May 2020 (9 days)	149500	Dr. P. Tirupathi Rao, Professor	

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Details from Dr. P. Tirupathi Rao for the Requirement of NAAC

Patent Publications:

Dr. Tirupathi Rao Padi, Sarode Rekha (2023), A System and Method for Markov Probability Distribution based Share Market Prediction. Indian Patent Application No. 202341068239 A, Date of Filing: 11.10.2023, Publication Date: 20.10.2023, No. of Pages: 30, No. of Claims: 10, the Patent Office Journal No. 42/2023, Dated 20/10/2023, (Part-2, Page-44), Page: 72734. https://search.ipindia.gov.in/IPOJournal/Journal/Patent

E-Content for SWAYAM/MOOCS

Dr. Tirupathi Rao, Professor, Dept. of Statistics, Course Coordinator, "Statistical Methods for Psychological Research-II", developed for IV semester under B.Sc./ B.A. Degree and submitted to CEC which can also be offered in July-December' 2024 semester. It's a project under the production of EMRC, Pondicherry University for SWAYAM/ MOOCS, UGC, Consortium for Educational Communication (CEC), IUAC Campus, Aruna Asif Ali Marg, New Delhi.

CONSULTANCY EARNINGS:

Financial Year: 2020-21

Name of the Program: Executive Development Program on Data Science (Online mode) No. of Participants: 89 (Eighty-Nine)

Duration of the Programme: 3rd, 9th, 10th, 16th, 17th, 23rd, 24th, 30th and 31st May 2020 (9 days) Total Annual Earnings: Rs.1,49,500/-

Name & Designation of the Organizer: Dr. P. Tirupathi Rao, Professor

Name of the Department: Statistics

Details:

 Training Coordinator, Two Day Virtual Executive Development Program on "Data Science with R & Python- Essentials of R Programing" held on 9th & 10th May 2020; Dept. of Statistics, Pondicherry University.

 Training Coordinator, Two Day Virtual Executive Development Program on "Data Science with R & Python- Machine Learning with R" held on 16th & 17th May 2020; Dept. of Statistics, Pondicherry University.

 Training Coordinator, Two Day Virtual Executive Development Program on "Data Science with R & Python- Python for Beginners" held on 23rd & 24th May 2020; Dept. of Statistics, Pondicherry University.

 Training Coordinator, Two Day Virtual Executive Development Program on "Data Science with R & Python- Python for Machine Learning" held on 30th & 31st May 2020; Dept. of Statistics, Pondicherry University.



Naandi Foundation, 502, Trendset Towers Road No. 2, Banjara Hills, Hyderabad-500034 Telangana, India 2 +91 40 2355 6491/92 A+9140 2355 6537 55 Info@naandi.org www.naandi.org



LETTER OF ACKNOWLEDGEMENT

9th September, 2020

TO WHOMSOEVER IT MAY CONCERN

This is to acknowledge Dr. Regina Sharmila Dass' heartfelt involvement in supporting Naandi Foundation as a juror and Consultant Microbiologist for our annual farmer assessment program called 'Gems of Araku' from 2017 to 2020. Dr. Dass was compensated with an honorarium every year to cover her travel costs, field work, and her consultancy services. The honorarium details (paid with TDS) from 2017-2020 are given below:

- 2017: Rs 20,000/-
- o 2018: Rs 40,000/-
- o 2019: Rs 40,000/-
- o 2020: Rs 40,000/-

Dr. Dass has been a regular and integral part of our yearly efforts to identify high performing coffee farmers in Araku, and we are grateful for her invaluable contributions towards helping us restore microbial biodiversity to the landscape of Araku with regenerative agriculture.

For NAANDI FOUNDATION





Dr. Regina Sharmila Dass <reginadass@gmail.com>

Acknowledgement

Thimmaiah <drathimmaiah@gmail.com> To: Regina Dass <reginadass@gmail.com> Wed, Jun 14, 2023 at 12:09 PM

To whomsoever it may concern

This is to acknowledge that Dr. Regina Sharmila Dass, Assistant Professor, Department of Microbiology, School of Life Sciences, Pondicherry University, served as a consultant in the preparation of the technical document entitled "Scaling-up of NBS innovative technologies & practices in agriculture, using pilot demonstrations and case studies in some of the ECA countries"

The project was initiated and subcontracted under my supervision and guidance to be submitted to the United Nations Food and Agricultural Organisation (FAO).

An amount of Rs 54,304/- was paid as an honorarium for the work mentioned from August 2021 to December 2021.

Regards Dr. A. Thimmaiah Regenerative Agriculture Expert UNFAO

Save a tree...please don't print this e-mail unless you really need to

Consultancy Project Proposal

Study Director

Sponsor

: Dr. A. Hannah Rachel Vasanihi Department of Biotechnology Pondicherry University

 Sandhya Pittala / Founder & CFO Crenza Pharmaceuticals Pvt. Ltd. A-27P, APIE, Balanagar-500037, Hyderabad, India. Website: http://www.crenzapharma.com/

Aim of the Study

: Efficacy study of new molecules in comparison with Medroxyprogesterone acetate a known oral contraceptive.

Objectives of the Study

: Assessment of anticancer potential of given test compounds in Cervical (HeLa) and Breast Cancer (MCF) cell lines

Work Plan :

The given 3 molecules would be subjected to the following assays for evaluating the

anticancer efficacy in Cervical (HeLa) and Breast Cancer (MCI-) cell lines.

1. MTT- Cell viability assay

- To test the cytotoxicity of the test compounds.
- To find the IC50 value and doses for further study
- 2. PI staining and apoptosis detection
 - To identify the apoptotic potential of the test compounds.
- 3. Dual AO/EB fluorescent staining for apoptosis detection
 - To distinguish between apoptotic/ necrotic cells morphologically
- 4. Confirmation of apoptosis by annexin-V binding assay
 - To distinguish between early apoptotic cells, late apoptotic cells and necrotic cells
 - To identify in which phase the cell cycle arrest is initiated leading to anticancer activity.

Time Line of work schedule:

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5 to 6 weeks from the date of receiving the test compounds at d 1° installment of payment. The study depends on the growth of the cell lines and waiting time for instrumentation slot

Budget and Payment Details:

The total cost of the project is Rs. 3,35,000/. The study would be initiated once 60% of the payment is made and the remaining 30% amount may be paid once the final result is ready and dispatched.

The payment may be done to the EMSF account of Pondichersy University. (Details attached)

Confidentiality

. The Study Director is responsible for the confidentiality -- d the scientific ethics of the proposed study

Efficacy study of new molecules in comparison with Medroxyprogesterone acetate a known oral contraceptive.

Budget dctails

Category	Amount in Rupees
Manpower	35,000
Consumables (Cell lines, Disposables and labware, Media, Chemicals and reagents)	1,75,000
Instrumentation and accessories	25,000
Overhead Charges to University	25,000
Consultancy charges to PI/Study Director for work design/ data interpretation and result preparation	75,000
Total	3,35,000

Signature of the PI/Director

Dr. A. Hannah Rachel Vasanthi Professor & Head Department of Biotechnology Pondicherry University ()Puducherry - 605 014.

Rem is Tight & Signature of the Head of the Institution



Dr. Prothop Kumar Shetty H, A.D. Professor & Dean (Research) Pondicherry University Puducherry-605 014.

Real Time Performance Evaluation of New Biocidal Sink Traps

Funding source: Ablazeon Inc., Canada

Partners:

- Ablazeon Inc., Mississauga, Ontario. Canada
- Pondicherry University, Puducherry -605014, India
- Bharathiar University, Coimbatore-641046, Tamilnadu, India
- Venkateshwara Hospital, Avinashi Road, Chinniampalayam, Coimbatore-641062, Tamilnadu, India

Consultant:

- Dr. Yugeswaran Subramaniam UGC-Assistant Professor, Department of Physics Pondicherry University, Puducherry -605014, India.
- Dr. G. Shanmugavelayutham Assistant Professor, Department of Physics Bharathiar University, Coimbatore - 641046, Tamilnadu, India.

Background:

U-shaped traps are built into the drainage of each conventional sinks. Water pools in these blocks sewage gases from flowing back through sink drains, but the standing water can be a breeding ground for harmful bacteria. For sinks in hospital wards, water splashing up from traps can create a bacteria-laden acrosol and contaminate the environment, spreading infection. Ions of heavy metals such as copper or silver are known to be biocidal [1] and can be used for sink traps decontamination.

The Circuit Edge Inc., in collaboration with the University of Toronto and Ablazeon Inc, had developed a trap with a metal ion generator which can easily replace traps for any hospital sinks. The newly developed traps have shown high bacteria killing rate during tests in public washrooms. The data collected during 4 weeks show that the killing efficiency range was between 70 and 100%. The variations depend on the time of the day when the samples were collected.

The hospital environment is a potential reservoir of bacteria with carbapenem resistance. Carbapenemresistant Enterobacteriaceae (CRE) is bacteria that are resistant to the carbapenem class of antibiotics, and is a global concern because of the morbidity and mortality associated with these resistant Gram-negative bacteria [2].

This collaborative project will be conducted between Ablazeon, Pondicherry University/ Bharathiar University and Venkateshwara Hospital with a goal to test the new traps produced by Circuit Edge in real hospital environment. Besides the monitoring of total bacteria reduction in the traps, the special attention will be on identification of the CRE and effect of metal ions on their mortality. The financial support for this project will be provided by Circuit Edge Inc., Canada. Objectives

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- 1. Ablazeon will supply four traps with generators and three identical traps without generators.
- 2. Install the systems in Venkateshwara Hospital ward
- 3. Pondicherry / Bharathiar University will identify a bio-testing laboratory and coordinate samples
- collection and analysis of the test results.
- 4. Create and implement a protocol for collecting and analyzing samples from the test traps (equipped with generators and without) at Centre of Excellence for Medical Textiles. The South India Textile Research Association (SITRA) in Coimbatore.
- 5. Results analysis, writing and submitting a report

Methodology

The Abalzeon will supply four traps with generators, the traps type and dimensions will match the existing traps in the Hospital, additionally three new similar traps without generators also will be installed and used as controls. The forth trap with generator will be used as a back-up. The biocidal efficacy of these units will be tested in the SITRA. A detailed protocol for collecting and testing samples will be produced in collaboration by Pondicherry and Bharathiar University and SITRA or the protocol can be adopted from the literature [3,4].

Duration of the project is expected to be 3months. First set of samples will be taken 3 weeks after installation with the successive sets of samples taken on 4th, 6th, 9th, 12th and 15th week after the installation. During sampling, from each of 6 traps, 3 samples will be taken with total of 18 samples per one set, so during test period (18x6) 108 samples in total will be collected and analyzed.

Interactions among the Partners

To foster the productive research collaboration during course of the project the participant's will hold regular meetings every other week for discussions and results evaluations. Based on the results a final report will be produced and submitted to Ablazeon.

Role and Responsibilities

- Providing of all traps and funding of the project Ablazeon Inc.:
- Coordinator within India Pondicherry University:
- Organizing the sample collection and analysis Bharathiar University:
- Wards for traps installation/testing with access to them Venkateshwara Hospital:

Budget

Milestones and budget	Amount in CAD	Amoust in INR (as on xx-01-2020)
Manufacturing coast of test traps (7 number)	\$4,000 (in-kind)	
Setup and installation traps on sinks in the hospital	\$300	
Test protocol formulation, Samples collection and supplies	\$500	
Consultancy fee Pondicherry University - 50% ; Bharathiar University - 50%	\$2,000	
Testing Laboratory fee for 108 samples	\$1,700	
Travel within India	\$500	
Total cash	\$5,000	
Contingency fee (10%)	\$500	
Total budget	\$9,500	

Contribution: Ablazeon Inc. will be providing \$ 5000 CAD cash contribution along with in-kind contribution of \$4,000 which includes manufacturing of traps with and without ion generators (7 units).

References

- J. E. Stout and V. L. Yu "Experience of the first 16 Hospitals Using Copper-Silver Ionization for Legionella Control: Implications for the Evaluation of Other Disinfection Modalities", *Infection Control and Hospital Epidemiology*, 24 pp. 563-568, 2003.
- R. Weingarten, et al, Genomic Analysis of Hospital Plumbing Reveals Diverse Reservoir of Bacterial Plasmids Conferring CarbapenemResistance, American Society for Microbiology, mbio.asm.org, January2018 V. 9 Issue 1
- Satyajeet K Pawar, et al, Carbapenem –resistant Enterobacteriaceae : Prevalence and bacteriological profile in a tertiary teaching hospital from rural western India, Indian Journal of Microbiology Research, July-September, 2018;5(3):342-347.

4. Amos Adler, et al, Laboratory and Clinical Evaluation of Screening Agar Plates for Detection of Carbapenem-Resistant Enterobacteriaceae fromSurveillance Rectal Swabs, JOURNAL OF CLINICAL MICROBIOLOGY, June 2011, p. 2239-2242.

Ablazeon Inc

Dr. Javad Mostaghimi, President

Jourd Mostoghi-

Pondicherry University

Dr. Yugeswaran Subramaniam

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Bharsthian University of Sharsmupprelightly 13/2/3020 (DR. Channeyever Expertion GURNSomy)

Prof. RAJEEV JAIN

Directorate of Culture 5 Cultural Relations Pondicherry Uman Puducherry 605 014

MUTUAL CONFIDENTIALITY AND NON-DISCLOSURE AGREEMENT

THIS MUTUAL CONFIDENTIALITY AND NON-DISCLOSURE AGRIEMENT ("Agreement"), dated and effective as of this 10 day of Feb. 2020 ("Effective Date") is entered into by and between Ablazeon Inc., a federally incorporated Canadian company, with offices at 49 Mineola Road East, Mississanga, Ontario L5G 2E4 (hereinafter the "Company") and Pondicherry University, Puducherry, 605014, India and Bharathiar University, Coimbatore, 641 046, India (hereinafter referred to as "Business Contacts").

1. PURPOSE. The purpose of this Agreement is to allow the Company and the Business Contact, teach a "Party", and collectively, the "Parties") to exchange information which is considered to be confidential or proprietary in nature. By signing this Agreement, the Parties agree to protect each other's Confidential Information to the full extent described herein.

2. DEFINITION. For the purposes of this Agreement, "Confidential Information" means any information, technical data, or know-how, including, but not limited to, that which relates to research, product plans, products, services, existing or potential customers, markets, software, developments, inventions, processes, designs, drawings, engineering, hardware configuration information, marketing or finances, which Confidential Information is designated in writing to be confidential or proprietary, or if given orally, is designated only at the time of disclosure as confidential or proprietary by the owner of the Confidential Information ("Disclosing Party"), or information which would be understood by the Parties, exercising reasonable business judgment, to be confidential Information does not include information, technical data or know-how which: (i) is in the possession of the party receiving the Confidential Information ("Receiving Party") at the time of disclosure as shown by the Receiving Party's files and records immediately prior to the time of disclosure; (ii) prior or after the time of disclosure becomes part of the public knowledge or literature, not as a result of any breach of this Agreement by the Receiving Party; (iii) is approved for release by the Disclosing Party is writing; or (iv) is independently developed by the Receiving Party without reference or use of the Disclosing Party's Confidential Information.

3. NON-DISCLOSURE OF CONFIDENTIAL INFORMATION. The Parties to this Agreement agree not to use the Confidential Information disclosed to it by the other Party for its own use or for any purpose except to carry out discussions concerning, and the undertaking of, any business relationship between the two. Neither Party will disclose any Confidential Information of the other Party to any third party except those directors, officers, employees, consultants and agents who are required to have the information in order to carry out the discussions of the contemplated business, but only if such directors, officers, employees, consultants and agents are bound by written confidentiality obligations no less protective of Confidential Information the provisions hereof. Each Party agrees that it will take all reasonable measures to protect the secrecy of and avoid disclosure or use of Confidential Information of the other Party in order to prevent it from falling into the public domain or the possession of persons other than those persons authorized hereunder to have any such information, which measures shall include the highest degree of care that either Party utilizes to protect its own Confidential Information of a similar nature. Each Party agrees to notify the other Party in writing of any misuse or misappropriation of such Confidential Information of the other Party which may come to its attention. In the event that either Party or their respective directors, officers, employees, consultants or agents are requested or required by legal process to disclose any of the Confidential Information of the other Party, the Party required to make such disclosure shall give prompt notice so that the other Party may seek a protective order or other appropriate relief. In the event that such protective order is not obtained, the Party required to make such disclosure shall disclose only that portion of the Confidential Information which its counsel advises that it is legally required to disclose.

4. COPVING PROHIBITED: RETURN OF MATERIALS. Copying or reproducing in any form the whole or any part of Confidential Information by the Receiving Party is expressly forbidden, except, in each instance, with the prior written consent of the Disclosing Party. To the extent that any portion of the Confidential Information contains proprietary and confidential notices or legends, the Receiving Party shall not remove such notices or legends, and shall produce the same on each and every copy of the Confidential Information produced by it pursuant to the Disclosing Party's consent. Upon request of the Disclosing Party, the Receiving Party shall

Page 1 of 2

return all copies of any Confidential Information of the Disclosing Party in the possession or control of the forceiving Party and all copies, reproductions or summaries thereof.

5. RIGHTS/WARRANTY OF INFORMATION Nothing in this Agreement is intended to grant any rights to either Party under any patent, copyright, trade secret or other intellectual property right nor shall this Agreement grant either Party any rights in or to the other Party's Confidential Information, except the limited right to review such Confidential Information solely for the purposes of determining whether to enter into the proposed husiness relationship between the Parties. It is understood that NO WARRANTIES ARE MADE BY EITHER PARTY REGARDING THE MERCHANTABILITY, COMPLETENESS OR ACCURACY OF THE CONFIDENTIAL INFORMATION. Neither Party accepts responsibility for any expense, loss, or action incurred or undertaken by the other as a result of the receipt of this information or this Agreement.

6. NON-SOLICITATION. For the term of this Agreement and for one (1) year subsequent to its termination, neither party shall directly or indirectly solicit for hire, hire or seek or influence the employees or consultants of the other to be engaged in any capacity of any other entity in a related or similar business.

7. REMEDIES. Each Party agrees that its obligations hereunder are necessary and reasonable in order to protect the other Party and the other Party's business, and expressly agrees that monetary damages would be inadequate to compensate the other Party for any breach by either Party of any covenants and agreements set forth herein. Accordingly, each Party agrees and acknowledges that any such violation or threatened violation may cause irreparable injury to the other Party and that, in addition to any other remedies that may be available, in Iaw, in equity or otherwise, the other Party shall be entitled to seek injunctive relief against the threatened breach of this Agreement or the continuation of any such breach, without the necessity of proving actual damages.

8. TERM AND SURVIVAL. This Agreement shall be effective as of the Effective Date and shall continue for a period of one year, unless renewed by the Parties. All of the Disclosing Party's rights hereunder and all of the Receiving Party's obligations and undertakings hereunder shall be in full effect for the entire term of this Agreement and for an unlimited period of time after its termination, cancellation or expiration for any reason whatsoever, so long as any information disclosed by the Disclosing Party to the Receiving Party under this Agreement remains Confidential Information of the Disclosing Party.

IN WITNESS WHEREOF the Parties have caused this Agreement to be executed by their authorized agents as of the date first written above.

ABLAZEON, INC.

By Jaind Mostoghi

Prof. Javad Mostaghimi

President Ablazeon Inc.

BUSINESS CONTACTS:

For Pondicherry University Dr. Y. Subramanian A. Harris History 21/2/1000

For Bharathiar University Dr. Shanmugavelantham G. Shanmugavelopuk

Date: 11 February 2020

Date: 21 + zone

Place 2 of 2 Prof. RAJEEV JAIN Directorate of Culture & Cultural Relations Directorate of Culture & Cultural Relations Pondicherry University Pudjucherry 605 014 Lr.No. NIDM/CCDRR/08/2022 Date: 22.03.2022

To

Dr. A. SHAHIN SULTANA Professor Department of Social Work School of Social Sciences and International Studies Pondicherry University (A Central University) Cell # 91-8903306712

Respected Mam,

Greetings from NIDM - CCDRR !

Subject : NIDM(GoI) - CCDRR Centre - Request letter to conduct a "Threedays online Training Programme on Engaging Youth and Adolescents in Disaster Risk Management and Climate Change Adaptation "Reg

National Institute of Disaster Management (NIDM) South Campus, Ministry of Home Affairs, and Government of India is a premier institute and a Statutory Body (under Disaster Management Act 2005) for training, research, documentation, awareness and human resources and capacity development in the field of disaster mitigation and management in India and in the region.

We propose to organize Three-days online Engaging Youth Adolescents in Disaster Risk Management and Climate Change Adaptation in association with your institute during 28 - 30 April 2022 (11.00-1.00 pm). For this training we 200 participants preferably minimum require Coordinators, Programme officers and volunteers of various Adolescents/Youth forum such as National Service Scheme (NSS), Nehru Yuva Kendra Sangathan (NYKS), Bharath Scouts and Guides (BSGs), National Volunteers (CDV) Students Civil Defence Cadet Corps(NCC), and Indian Red Cross Society(IRCS) and Junior Red Cross Society.

For this training programme NIDM would be paying course fee of Rs.1,50,000 after successful completion of the said course and submission of course report, utilisation certificate / any other documents requested by NIDM Accounts.

Course fee includes

1. Preparation of Poster and Brochure

2. Ensuring at least 200 participants

3. Technical support for the course (Cisco Webex, Google Meet etc.)

Publishing an edited book on the topic within 6 Months of completion of training.

You are requested to send a line of confirmation at the earliest.

Debit PhD / CCDER Centres
 Continued Institute of Disaster & consist,
 Contextry of Home Affairs | Government,
 Consister of Home Affairs | Government,
 Consister of Home Affairs | Government,



Naandi Foundation, 502, Trendset Towers Road No. 2, Banjara Hills, Hyderabad-500034 Telangana, India (2+91 40 2355 6491/92 高+914023556537 回 Info@naandi.org www.naandi.org

Terms of Reference – Dr. Regina Sharmila Dass

Assignment

 Provide technical assistance and support to Araku Livelihoods coffee project, Andhra Pradesh

Liaison

Anupama Sreeramaneni – Head of Araku Livelihoods Program will be the liaison point for all matters pertaining to reporting and necessary approvals. Email is anupama@naandi.org

Mr David Hogg - Chief Sustainability Officer, Naandi Foundation will be the liaison point for all matters pertaining to strategy decisions. His email ID is david@naandi.org

Requirement

The Resource Person is required to provide professional services in a timely manner, as outlined in the scope of work attached.

Statement of Work

Outputs and Deliverable will include the following:

Araku Project

- Provide guidance on usage of Yeasts In coffee processing
- Advise on the sources of procurement of saplings, seeds and other inputs needed
- Visit CPU to oversee the optimal usage of yeasts for various coffees.

The Resource Person will be visiting Araku once a month as needed.

Timeline

This assignment will commence on 20 Oct2021 until no later than 20 Feb2022.

Payment terms

The Resource Person will receive a total payment of Rs. 1,80,000/- (Rupees One Lakh Eighty Thousand only including taxes as applicable) for the entire assignment. Taxes deducted at source as applicable. Payment of each installment will be made on completion of deliverables and submission of invoice.

The payment schedule will be as follows:

Installment Number	Amount (Rs)	To be paid on or before
Installment 1	25% of entire amount	30 November 2021
Installment 2	25% of entire amount	31 December 2021
Installment 3	25% of entire amount	31 January 2022
Installment 4	25% of entire amount	28 February 2022



www.naandi.org

We are pleased to offer the following terms of agreement:

- Any project related expenses (including travel to Araku) will be billed separately (these
 must be pre-approved by Naandi)
- Naandi Foundation and the incumbent are free to terminate the contract with a month's notice and settlement of dues from both sides.
- The terms of reference are agreed upon by both parties and is binding on both parties.

Signatures:

Dr. Regina Sharmila Dass Consultant in Eco-regenerative and Organic agriculture Pondicherry Contact: +91 96293 05471 Del

Mr David Hogg Vice President - Naandi Foundation 502, Trendset Towers Road Number 2, Banjara Hills Hyderabad - 500 034, Telangana State Contact - 91 40 2355 6491

Date: Oct 20, 2021

Date: Oct 20, 2021



Work Order

To DR.REGINA SHARMILA DAS ASST PROFESSOR; CONSU CERTIFICATION, DEPT OF M UNIVERSITY,	ILTANT IN BIODYN	AMIC AGRICULTUR CHOOL OF LIFE SC	RE AND DEMETE CIENCES, PONDI	R CHERRY			er No. ; ier Date:	84 30/11/2021	
Ph :		GSTIN:				Ref. :			
Destination Address :				Billing Add	fress :				
POABS ENTERPRISES (P) LT	D, ESTATE DIVISIO	201		POAB	S ENTERPR	ISES (P) LTD			
VANDIPERIYAR P.O., IDUKKI				KUTT	OOR P.O. TH	HIRUVALLA			
		PIN: 689106		THIRU	IVALLA				
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SAC Work Description		.1.4	Amount	Discount	taxable Amt	Tax Octails		Total Tax	Tatal
Sub: Work Order-Consultation Char	ges for Demeter Ce	rtification and Biody	mamic Agriculture	managemen	t				
Work Details Demeter Certification& Docum Manjumallay Organic Field <u>Terms & Conditions:</u> 1. Destination 2. Period of performance	At our Estate at V	14months 1 andiperiyar, Idukki D od effective from 1		2021 to 14th	November	2022			
3. Travel & accommodation	will be reimburse	s from your destina ed on actual expensi ded at our company	es. Accommodatio	n					
in 4.GST/TDS		d TDS charges dedu per the Govt. norm							
5.Payment	: payment will be 7 working days.	made on every mon	ith against submis	sion of your	invoice within	n			
999599 Demeter Certification& De	cumentation Charge		14 Months	x Rs10000	140,000.00			0.00	140,000.00

C Work escription	Amount Discount	Taxable Amt	Tax Details	Total Tax	70101
Delivery ferms: Direct	Total	140,000.00			
	Total SGST	0.00			
Payment Tems	Total COST	0.00			
	Total KGST	0.00			
	Total Cess	0.00			
	Other Charges	0.00			
	Grand Total	140,000.00	Bliany	_	
			DINARAJAN VI		

TOP PRICEITY

GOVERNMENT OF PUCUCHERRY 1 042. TOWN AND COUNTRY PLANNING OF ARTMENT DITATE LEVEL NODAL AGENCY, HOUSING FOR AU1

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Puducherry, IPP 1 8 JUH 7571

The Head of the Department, Department of Sociology, Pondicherry University, Peducherry.

Ta

51.

- Sub: ICPD PMAY Housing for AS (Lithen) Mission Appointment of Department of Sociology, Pondicherry University as an "independent Facilitating Approx/IFAP" to conduct Social Audit for the housing projects approved under PMAY scheme - Reg.
- Ref: G.O. Rt. No. 27/2021-Hg dated 27.04.2021 of the Chief Secretariat (Hg). Puducherny.

The Government of Puducherry has accorded approval vide G.O. obed above to appoint the Department of Sociology, Pondicherry University as an "Independent Facilitating Agency (#A)* to conduct Social Audit for the housing projects approved under PMAY scheme. The topy of the G.O. along with the Social Audit guidelines lossed by the Minstry of Housing and Urban Affairs are enclosed herewith.

The officials of the State Level Nodal Agency le, Town and Country Planning Department and the officials of the Implementing Agencies viz., Pudacherry Sum Clearance Board and Adi Dravillar Welfare and Schedulet Tribes Welfare Department will coordinate with the IFA team for conducting the Social Audit for the boaring projects of der PMAT Scheme.

It is to be informed that as per the guidelines of Social Audit, after the orgagement of the Independent Facilitating Agency by the State Level Nodal Agency, a Memorandum of Agreement (MoA) has to be signed between the Chief Town Planner, Town and Country Planning Department representing the State Level Nodal Agency and the Head of the Department, Department of Socialogy, Pondicharry University representing the "Independent Facilitating Agency (IFA)" and the MoA as verted by the Law Department is enclosed herewith. It is hereby requested to communicate your comments and a comenient date for signing of the Agreement.

Further, it is to be informed that after the signing of the MoA, the SUNA forms a Social Audit facilitating Team, consisting of designated experts from the IFA, State Level Technical Cell is State Level Modal Agency. Thereafter, the Social Audit Fechlizing Team Praises the list of projects and dwelling units to be autited.

End: as above.

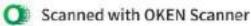
(S. MAHALINGAN) CHIEF TOWN PLANNER NODAL OFFICER, FMAY

Yours faithfully.

Ecory for kind infontiation to:

- 3. The Secretary to Covil (Housing), Chief Secretariat, Publisheny,
- 2. The Secretary to Govt. (Welfare), Chief Secretariut, Puducherry.
- 3. The Director, No-Drawdar Welfare and Scheduled Tribes Welfare Department, Publicheiry
- 4. The Chief Executive Officer, Pudacherry Slam Clearance Roard, Pudacherry.

PROFESSION DE L'ATRA





To,

Dated: 03.05.2022

Dr. S.A. Abbasi (INSA Emeritus Professor) and Dr. Tasneem Abbasi (Assistance Professor), School of Engineering and Technology, Center for Pollution Control and Environmental Engineering, Pondicherry University, Pondicherry-605014

Dear Dr. S.A. Abbasi & Dr. Tasneem Abbasi,

Sub-Letter of consent for your proposal on setting up village level treatment facility.

In 2020 we had sought your consultative advice in designing a sewage treatment facility, based on your SHEFROL technology, at Harlawan, Distt Hardol.

After the facility was commissioned, we have monitored its performance over the last one year and have found it to be uniformly effective and satisfactory, as is reflected in the level of sewage treatment achieved by the unit. And also it was claimed the SHEFROL technology appears self-sustaining and self-propagating, needing no chemicals, machinery, input of captive energy, or constant supervision."

Hence, we now propose to construct another sewage treatment unit based on SHEFROL technology in village Nagla Bhagwan, Block Todarpur, Distt Hardoi. We seek your inputs in the designing of this new SHEFROL unit, and in helping us in its commissioning. Your inputs will be intellectual and will involve no testing/analysis or other experimentation at Pondicherry University. Whatever tests you propose will be arranged by us at our costs.

We agree to a token consultancy fee of Rs. 50,000/-. The same shall be given upon signing of this letter. Additionally, DCM Shriram Foundation will bear the cost for site visits, as and when needed, based on the actual.

Kindly confirm the receipt of the same electronically.

For DCM Shriram Foundation,

Mr. K K Kaul

Whole Time Director

DCM SHRIRAM FOUNDATION

2nd Floor (Wast Wing), Wastdmark 7, Asnazily, New Dabi - 112037, India Registered Office; DCM Sharen Litt, 2nd Filor (Wast Wing), Worktnark 1, Aerostly, New Della - 110037, India Tab. 434 11 42103200 - enall, texperied@id.msbriter.com website/els.www.dcmstofnam.com D text_1202001, 1000-0204023



Dr. Regina Sharmila Dass <reginadass@gmail.com>

Confirmation letter

David Hogg <david@naandi.org> To: Regina Dass <reginadass@gmail.com> Cc: Anupama Sreeramaneni <anupama@arakuoriginals.com> Thu, Nov 23, 2023 at 4:31 PM

Dear Regina

This is to affirm the the following honorariums were paid for your expert services in microbial science

Sanction Letter

The following amounts were paid to Dr. Regina Sharmila Dass, for her services as Field Level Consultant/ Jury member during the annual assessments of Coffee Plantations and Farmer Assessments.

1. Field Consultant honorarium sanctioned during April 2022 was Rs 35000/-

2. Field Consultant honorarium sanctioned during March 2023 was Rs 35000/-David Hogg Chief Agriculture Advisor Naandi Foundation

We thank you for your assistance in furthering the welfare of the underprivileged Tribal Community of Araku Warm regards David Chief Agriculture Advisor Naandi Foundation



www.naandi.org

8/22/23, 4:10 PM

Pondicherry University Mail - Intital discussion on carbon emission reduction initiative and exploring opportunity for collaborati...



SUDALAI SUBRAMANI <ssudalai.cpe@pondiuni.ac.in>

Intital discussion on carbon emission reduction initiative and exploring opportunity for collaboration

1 message

champak pandey <champak.pandey@icicifoundation.org> Thu, Aug 4, 2022 at 3:24 PM To: gajalakshmi.cpe@pondiuni.edu.in, ssudalai.cpe@pondiuni.ac.in Cc: Rajashree Adsul <rajashree.adsul@icicifoundation.org>, Sanjay Sood <sanjay.sood@icicifoundation.org>

Dear madam,

Greetings from ICICI Foundation.

ICICI Foundation for inclusive growth was founded by the ICICI group in early 2008, we are the CSR wing of the ICICI Group. We are primarily working on skill development, sustainable livelihoods and environment, through various programmes.

In wake of global warming, we have increased our focus on the environment and there by making a concentrated approach towards carbon emission reduction. We want to contribute towards India's goal for carbon emission reduction and thereby would be working towards the same in both Rural as well as Urban areas of the country.

We recognize Pondicherry university as one of the prestigious central university of the country. The university centre for pollution control and environmental engineering has a high legacy in the field pollution control, environmental science and engineering also a great share in the growth of the country by contributing through various research and projects in the respective field of environment.

We request for a discussion to understand how we can leverage your expertise, do let us know suitable time and people with whom we can have the initial discussion, which can lay the foundation for a partnership between two organisations.

Looking forward for an early response, please feel free to reach us.

Regards Champak kumar pandey ICICI Foundation for Inclusive Growth Mobile : 8895637438 / 8249395858



VIVEKANANDA KENDRA nardep

Phone : Office : (04652) 246296, TRC : 270755 email : vknardep@gmail.com www: vknardep.org

To

9.3.2023

Er S. Sudalai, M. Tech (Environmental Engineer) Asst. Professor Centre for Pollution Control and Environmental Engineering School of Engineering and Technology, Pondicherry University, Pondicherry

Respected Sir,

Namaskanam.

Sub: Seeking your support and guidance in measuring the plastics / waste in the shares of Gulf of Mannar

You would be aware of Vivekananda Kendra work in enabling all the stakeholders to live in tune with nature. Our wok has earned laurels from the district/ state/ national in the field of conservation of natural and coastal resources. Our colleague Er V Romaknishan also visited your compused your instance to share our work in the field of renewable energy.

Vivekonanda Kendra has promoted Green Rameswarum initiative resulting in revival of last water bodies namely Teerthas whose work is recognized at National level for its unique contribution in rehabilitating water bodies. At present at the instance of Island Development Committee of Rameswaram in colleboration with the stakeholders, we are intending to prepare a report to arrest the use of plastics at the shores of Guif of Mannar and estuaries leading to design of interventions at multiple levels in the month of March and April 2023.

We are seeking your guidance and counselling to our field team to structure our work in characterization of macro plastics and its impact with tools of measurement. We are willing to compensate expenditure if any in training our team and demonstration. Your guidance would go a long way in shaping the destiny of the Gulf of Mannar stretch and future generations.

Looking forward to your support and guidance

Yours Sincerely,

VISNA (6.Vasudeo)

Secretary

NATURAL RESOURCES DEVELOPMENT PROJECT Vivekanandapuram, Kanyakumari - 629 702



Dr. Regina Sharmila Dass <reginadass@gmail.com>

Confirmation letter

David Hogg <david@naandi.org> To: Regina Dass <reginadass@gmail.com> Cc: Anupama Sreeramaneni <anupama@arakuoriginals.com> Thu, Nov 23, 2023 at 4:31 PM

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www.naandi.org

Utilizațion Certificate

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Dated: 25.03.2023

S. No.		Letter N Dai		Ì	Funding Support	Certified that out of Rs. 0/- senctioned during the year 2022-23 in favour o
1.	1	o:NIDM/CC 2 • 23 Date:	•	· 1	-	The Department of Coastal Disaster Management, Pondicherry University Port Blair campus for the conduct o Training of Trainers Programme or
		Su: Total No. of	mmar Participa	-		Child Centric Disaster Rist Reduction in collaboration with National Institute of Disaster
Partic	ulars.	No. of Participants	No. of Days	Grant	Total	Management vide Letter No. given ir the margin and Rs. 4.95.0007
Reside Particle	en fini	21	5	2000	2.10.000/-	the margin and Rs. 4,95,000/- (Rupses Four Lakh Ninety Flye
Nc Reside Particit	enijai 🛔	57	5	1000	2,85,000/-	thousand) has been utilized for the conduct of face to face training
				_Total	4.95.000/-	programme from 20th to 24" March 2023.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised that following checks to see that the money was actually utilized for the purpose for which it was sanctioned:-

- 1. The number of persons trained- 78
- 2. Sufficient and quality training was provided to trainees.

Signature of Course Coordinator

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Dr, S. BALAJi Professor & Head Dept. Coastal Disaster Management Pondicherry University Port Blair Campus, Andaman

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3117

GFR 19-A (See Government of India's Decision (1) below Hule 150 Utilization Certificate

S.No.	I.∉	tter No. and	i date		Funding support (Rs.)	LCertified that out of Rs.0/-(Rupees Zero) Sanctioned during the FY 2023-2024 in favour of
I		DM/CCDRI dt12/10/202)23.	NjI	the Department of Coastal Disaster Management Pondicherry University, Port Blair campus for the conduct of five Days Residential Training Programme on ToT on "Engaging Youth and Adolescents in Disaster Risk Management & Climate Change Adapatation" in collaboration
		SU№	1MAR	Y	-	with National Institute of Disaster Management
		Total No. c	of Partic	ipart e f	i k	CCDRR Centre (vide letter number given in the
Particu	lars	No. of Participants	No. of Days	Grant @	Total	margin) and Pondicherry University. An amount
Residen Particióx		18	5	2000	1.50,000/-	of Rs. 3.80,000/- has been Utilized for this
Non Resider Pancips	iter	4()	5	1000	2,00,0000	purpose to conduct the face to face training programme from 20-24 November 2023 .
				Total	3,80,000+	

2. Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned:-

- 1. The number of persons trained -58
- 2. Sufficient and quality training was provided to trainees.

Signature of

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Signature of Course Coordinator

Dr. S. BALAU Professor & Read Dept. Coastel Dispister Management Pondictionry University Port Clear Campus, Anceman

Signature of Finance officer

FINANCE OFFICER PONDICHERKY UNIVERSITY PUDUCHERRY

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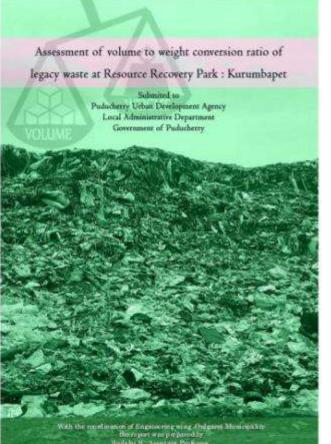
Signature of Registrat REGISTRAR PONDICHERRY UNIVERSITY PUDUCHERRY



- a) You will be working on all days except Holidays and Sundays as and when required for the project on part-time consultancy basis.
- b) You will submit your invoice to claim payment for consultancy charges on or before last day of every month.
- c) Other reimbursements shall be claimed on the month end vide claim form.
- d) Your base location will be Puducherry.
- 4. This contract is on a principal-to-principal basis and nothing contained herein shall constitute the Retainer as an agent and/or employee of the Company and no general or special agency, master and servant relationship or any relationship other than that of a principal and retainer on the terms contained herein shall be or is intended to be created or implied by or under this Agreement. The Retainer shall have no authority to bind the Company in any mode or manner. It is also clearly understood that this contract does not create any lien on/or claim of leave, bonus, provident fund, gratuity facilities, or any other benefits that may be provided under the rules and regulations which are applicable to regular employees of the Company. However, the Retainer shall be governed by the work safety rules/regulations.
- 5. The Retainer is not entitled to travel and other related expenses thereof.
- 6. The Retainer shall during the continuance of this contract honestly, faithfully, diligently and efficiently serve the Company and shall perform the duties assigned herein. The Retainer shall:
 - a. Attend to, discharge and carry out all the duties/assignments and functions entrusted to him from time to time and in all respects behave himself as a good and faithful retainer.
 - b. Devote the whole of his time and energy exclusively to assignment entrusted to him.
 - c. Serve the Company, obey all the lawful directions and orders of the Company, the management and of any officer placed in authority over the retainer.
 - d. Perform and carry out any work, which entrusted to him / her.
 - e. Consider safety of his own that of Company and its group institutions and of others on office as his prime responsibility and shall protect the Company and its group institutions' property, material and men from any theft, pilferage and loss.
- 7. All communications, reports, data, etc. that may have been prepared by the Retainer in the carrying out of the assignment hereunder shall be between the Retainer and the Company. The Retainer shall not divulge, discuss or provide any work hereunder to anyone else except the Company without the prior written consent of the Company.
- 8. The Retainer shall at once inform the Company of any act of dishonesty and or any action prejudicial to the interests of the Company on the part of any person, which may come to the retainer's knowledge.
- 9. The retainer shall be available in office premises of the organization discharging duties for all days of a week, which can fixed in consultation with other working staff member and managing director. The Retainer shall not at any time absent himself without any prior intimation / permission of his superior. In case of illness or accidents he shall forthwith notify the Company or the management of such illness or accident and shall furnish such evidence thereof as may be required.







Derreport wer pin pared by Holds full die Jammanne Ponissiene Centre Politiscen Costorol and Environmentol Engineering. Ponisieliscon University HAND IN HAND INCLUSIVE DEVELOPMENT AND SERVICES Office Address : Paruvatham House, Second Floor, New No.2, Old No.1, 56th Street, 7th Avenue, Ashek Nagar, Chennel - 660 083 Taminadu, India, Phone : +91-44-4231 8467 | Email : info@hhids.org | Web : www.hhids.org

10. By virtue of this contract, the Retainer may have access to certain confidential information of the Company. During the continuance of his retainership as well as at all times thereafter, the Retainer shall keep confidential and prevent the disclosure or divulgence, directly or indirectly to any person/third party, of any and all information, documents, reports, statements, log books, records, correspondence, discussions, contracts, plans, drawings, photographs, copies, trade secrets, layouts, patents, transaction affairs, dealings, finances and accounts in the knowledge of the Retainer. Any disclosure of such information shall be deemed to be a breach of this contract and the Retainer will be liable to compensate the Company for any loss suffered on that account.

CIN : UT 45E0TM230BWPL/M/058

- 11. The Retainer shall not during the continuance of this contract make otherwise than for the benefit of the Company any notes or memoranda relating to any matter within the scope of this contract or concerning any of the Company and its group institutions' dealings or affairs nor shall the Retainer either during the continuance of this contract or afterwards use or permit to be used any such notes or memoranda otherwise than for the benefit of the Company and its group institutions, it being the intention that all such notes or memoranda made by the Retainer shall be the property of the Company and shall be left with the Company on the separation or expiration of this contract or at any time upon request of the Company together with an affidavit stating that no such written documents, etc. are retained by the Retainer.
- 12. During the continuance of this terms of agreement if the Retainer becomes physically or mentally unfit for work and if the Company has satisfied itself of this fact on advice or proper medical authorities, the Company shall End this Contract without any notice or compensation.
- 13. If the Company has to close its operations or curtail its activities due to circumstances beyond its control and if the Company finds that it is no longer possible to retain the Retainer any further, the Company shall have option to End this contract by giving the Retainer thirty days' notice or thirty days retainership charges in lieu of notice. No further compensation will be payable by the Company in such case.
- 14. The Company shall have the right to suspend the Retainer or End this contract without any payment or without any notice or compensation for breach of this contract, insubordination, misconduct either inside or outside, corruption, dishonesty, theft, fraud, absenteeism, etc.
- 15. The Retainer recognizes that the services to be performed under this contract are necessary for the Company to fulfill its contractual obligations to the Company, its customers / clients and its group institutions and that the Company will suffer damages if the services are not performed or not performed fully and in time or performed without bringing to bear on them the necessary skill and experience possessed by the Retainer. Consequently, the Retainer agrees that he shall not End this contract during its validity except with the written consent of the Company. Any breach of the provisions herein shall render the Retainer liable to compensate the Company. Without limiting the generality of the foregoing, the Retainer shall for any breach aforesaid be liable, at the minimum, to refund all the amounts paid to him by the Company.



HAND IN HAND INCLUSIVE DEVELOPMENT AND SERVICES Office Address : Paruvatham House, Second Floor, New No.2, Old No.1, 56th Street, 7th Avenue, Ashok Nagar, Chennal - 660 083 Tamilnadu, India, Phone : +91-44-4231 8467 | Email : info@hhids.org | Web : www.hhids.org

The Retainer also indemnifies the Company against all losses, damages, adverse claims, litigation, charges, penalties, which the Company may be subjected to by reason of his part performance/non-performance/delay in performance of any contractual obligations under this Contract.

- 16. This contract set forth the entire agreement and understanding between the parties with respect to the subject matter hereof and merges all previous agreements, discussions and negotiations between them; and none of the parties shall be bound by any conditions, representations, understandings or warranties with respect to such subject matter other than as expressly provided herein.
- 17. Any notice required herein to be given by the Company shall be sufficient if signed by a Manager or other authorized person and served at the address of the Retainer appearing in the preamble hereto, unless a different address shall have been furnished in writing by the Retainer prior thereto.

IN WITNESS WHEREOF, HANDIN HAND INCLUSIVE DEVELOPMENT AND SERVICES, and Mr. SUDALAI S, hereunto subscribed their hands on the day and the year first hereinabove written.

For Hand in Hand Inclusive Development And Services



Managing Director

Mr. Amuthasekaran Nachiappan Managing Director

Accepted By

Retainer Name: SUDALAI S

Signature:

Date :



To SUDALAI S, Centre for pollution control and energy technology in Pondicherry University Pondicherry University, Puducherry 605014

Ref: HHIDS / 02 / May /2023

FIXED TERM RETAINERSHIP CONTRACT

THIS RETAINERSHIP CONTRACT MADE AT CHENNAI, THIS 01st DAY OF May 2023 BETWEEN:

Hand in Hand Inclusive Development and Services, a Section 8 Company registered under the Indian Companies Act, 2013 (a Section 25 Company registered under the Indian Companies Act, 1956), at Kanchipuram, hereinafter called "the Company" of the first part;

AND

Mr. SUDALAI S, Chennai, hereinafter called as "Retainer" of the second part; having PAN CABPS5631J and bank account bearing number 835748730, Indian Bank, RV Nagar Pondicherry Branch, IFSC IDIB000P152

WITNESSETH

WHEREAS the Company is part of the organization dedicated to the development of the disadvantaged citizens with focus on environment protection, and

WHEREAS the Retainer is qualified and is competent, to carry on as "Consultant for Waste Management" and will report to Project Manager of the Company.

NOW, THEREFORE, IN CONSIDERATION OF MUTUAL PROMISES HEREIN CONTAINED, THE PARTIES AGREE AS FOLLOWS:

- 1. The Company shall and hereby appoints the Retainer for fixed term assignment basis for the above specified project and the Retainer hereby agrees to accept the same for a specific period effective from 01 May 2023 to 30 June 2023, on the terms and conditions specified herein.
- 2. This contract shall automatically come to an end at the close of working hours on 30 June 2023 unless extended by the Company in order to enable Retainer to complete the assignment herein without the need for any further act or writing by either party hereto. Prior thereto, the Company shall be entitled to End this contract, without assigning any reason thereof, upon giving 1 (one) month notice or one month's retainer charges in lieu thereof
- 3. The Company shall for the performance of the services under this contract and the due performance as listed herein under this clause of this agreement thereof, pay to the Retainer lump sum retainer charges of Rs.50,000 /-per month (Rupees **Fifty Thousand** only), subject to deduction of tax at source, if any, in terms of the Income Tax Act/Rules.



कार्यालय महालेखाकार (लेखा परीक्षा - ॥)

तमिलनाडु और पुदुचेरी

शाखा कार्यालय, प्द्चेरी

Office of the Accountant General (Audit - II) Tamil Nadu & Puducherry Branch Office, Puducherry



DAT Building, Il Floor, New Municipal Road, Kumaragurupallam, Puducherry – 605001 हीएटी बिल्डिंग, द्वितीय तल, स्यू स्युनिसिपल रोड, कुमारागुरुपल्लम, पुदुधेरी - 605001 Mail id : braupuducherry@cag.gov.in Phone : 0413 – 2210082 Fax : 0413 – 2214224

No. AG(Audit) II/PCP II/PA-SWM/2022-23/

Dated 22.12.2022

To Head of the Department, Centre for Pollution Control & Environmental Engineering, Pondicherry University, Puducherry.

Madam,

2

Sub: Submission of Water and Soil Sample - reg. Ref: Your e-mail dated 22 Nov 2022.

In connection with the Performance Audit on Solid Waste Management in the Urban Areas of the UT of Puducherry being conducted by this office, we hereby submit 04 soil samples and 03 water samples collected from dump yards for testing the requisite parameters.

Yours faithfully,

P.F.R. N. Senior Audit Officer

2021.22 PONDICHERRY UNIVERSITY - DEPARTMENT OF PHYSICS SCHOOL OF PHYSICAL CHEMICAL AND APPLIED SCIENCES R.V. Nagar, Kalapet, Puducherry - 605014

PU/PHY/YS/Consultancy Project/2022-23/01

Date:17.11.2022

CONSULTANCY PROIECT

Title: Project Cost: Funding source: Consultant:

Plasma Processing of Industrial Effluent Rs. 49560 FCG Hi-TECH PVT. Ltd, Maharashtra, India Yugeswaran Subramaniam, UGC-Assistant Professor, Department of Physics, Pondicherry University, Puducherry

Abstract:

The primary goal of this consulting project is to investigate the potential of thermal plasma treatment for direct liquid industrial effluent, which is massively produced by various industries. The effluent consists of calcium sulphate, sodium chloride, sodium sulphate, Ammonium chloride, Ammonium, sulphate, Aluminium Chloride and small traces in ppm level of solvents. Thermal plasma technology is widely used for various types of industrial waste treatment because of its ability to reduce volume and deactivate toxic molecules. Pondicherry University established various categories of thermal plasma torches and processing reactors for a wide range of liquid waste treatment applications. This project will estimate the plasma power required to evaporate one litter of as-received industrial waste supplied by FCG Hi-TECH PVT. Ltd. The effect of plasma processing variables on evaporation rate will be investigated in order to better understand the plasma treatment mechanism and to generate preliminary data for the industrial scale treatment process.

Objectives:

- FCG HI-TECH PVT. Ltd. supply the industrial effluent with constituent details
- Modification of existing thermal plasma reactor for the treatment of as-received industrial effluent
- Study the impact of plasma processing parameters on effluent evaporation
- Calculate the specific energy input for the evaporation of as-received effluent
- Results analysis and submitting a report

Processing methodology:

Thermal plasma will be generated by using the existing thermal plasma torch at Pondicherry University by using Argon/Air/CO2/CH4 gases. IGBT based 50 kW plasma power supply will be used to power the plasm torch from 5-15 kW. A Cylindrical shape SS reactor or Teflon reactor will be designed to handle the effluent treatment. The plasma power and proper plasma gas composition will be optimized to produce stable plasma jet and to treat the asreceived effluent by using the following approaches.

- light subir-tack possible training
- Frasma tenutrient of a qual ther surface

Expected outcome:

- Specific energy rupat to exaporate one litre of an received industrial waste liquid intercommunity data for industrial scale treatment process

Cost for rauning the plasma lab facilities for 6 bours.

frailger! 2	ATTRICTION CONCINENTIAL	Amount (Rs.)	
SNG	Head	3500	
1	Electricity (Plasma power source, chiller, control console, air compressor, other electrical utilities)	3500	
1.7	Gases [AL N2, CO.]	11000	
18	Gases [Ar. N ₂ , CO.] Minor equipment [Cu nozzles, SS pot, Graphite bed, etc.] Manpower (Including two technicians from power source and plasma terch manufacturer- Ion Arc Technologies, and plasma terch manufacturer- Ion Arc Technologies,	12000 *	
1	Lombato(2)	5000	
1000	Characterization charges	35000	
5	Toral testing charge for talling	7000	-
	Overhead charge (20% of total cost) Total	42000	l
3	18% GST	7560	
	Total including ta	49560	

Role and Responsibilities

- (1) PCG10-TECH PVT, Ltd., Maharashtra: Providing industrial effluent and funding of
- (d)Applied Thermal Plasma Processing Laboratory, Department of Physics, Pondicherry University, Puducherry Testing the samples by thermal plasma reactor and estimate the energy cost for the evaporation of one litre of as received industrial effluent.

9 X-It

(Yegeswaree Subramaniam) Applied Thermal Plasma Laboratory

DI YUGEBARAN SUSRAMMINI UGC - Austration Professor upartmant of Physics Purididenty University Purididenty - 805.01+, IND44

Approved by:

76 12 - 107

FCG HI-TECH PVT. Ltd.

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L. Hopper

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Account transfer details

Fransaction Type: WEFT

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Tr -saction Date: 2022-11-22

Total Amount: INR 49,560.00 Transaction Status: Success

Profile Source

Debit Account Number 004011010/00104

Account Holder Name: FCG HI TECH PVT LTD

Profile Destination

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PONDICHERRY UNIVERSITY EMSF

INDIAN BANK

INR 49,560,00

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Account transfer details

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Transaction Id: 59722732 Transaction Date: 2022-11-22

Total Amount INR 49,560.00 Transaction Status: Success

Profile Source

Debit Account Number 00491101000104

Account Holder Name: FCG HI TECH PVT LTD

Profile Destination

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PONDICHERRY UNIVERSITY EMSE.

INDIAN BANK

INR 49,560.00

DE YUGESWARAN SLIBRAMANTASH UGC Assistant Professor Department of Physics France Lenn University Podlastery 905.014, MDIA

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2022-23 (3)

Startup India Certificate No : DIPP63334 - GSTIN: 37AAMFH4150N1ZY

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Cell: 92954 04487

HIT- HARITHAM INNOVATIVE TECHNOLOGIES LLP

Regd. Off. : # 7-20-1038, 26th Line, Sarada Colony, Guntur - 522 002. Andhra Pradesh 8.0. Plot No. 22, Prasoona Nagar, Chintal, HYDERABAD - 500054. Telangana E-mail hitharibabu@gmail.com website : https://multidomesbiogasreactor.com

D. Hari Ilami

Designated Partner

Date: 19-01-2023

To Dr. S. Sivasankari Assistant Professor Department of Green Energy Technology Madanjeet School of Green Energy Technologies Pondicherry University Pondicherry - 605014

Subject: Conversion of the Paddy Straw and Napier Grass to Sugars - Regarding Ref: Your Letter No. Dated 12th January, 2023.

Madam,

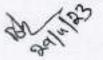
With reference to above cited, HIT is accepting the mentioned terms & conditions. HIT is willing to pay a consulting fee of Rs.50, 700/-. Please inform account details for transfer of the funds.

Yours faithfully,

(D.Hari Babu) (Designated Partner)

17. Han Hala

An amount at as. 50,700/- was received in East a/c on 21.01-2023.



INDIA NON JUDICIAL

Government of Puducherry

सत्यम्ब जयते

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Certificate No. Certificate Issued Date Account Reference Unique Doc. Reference Purchased by Description of Decument Property Description Consideration Price (Rs.)

First Party Second Party Stamp Duty Paid By Stamp Duty Amount(Pa.)

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IN PYS48437530975770 20-Oct-2022 11:23 AM SELFPRINT (PU)/ py-self PUDUCHERRY/ PY-PU SUBIN-PYPY-SELF057688582307670 OR ANITHA TS Article 5 Agreement of Agreement CONSULTANCY AND NON DISCLOSURE AGREEM 0 (Zerd) ₹100

DR ANITHA TS SEKHAR MM DR ANITHA TS 100 (One Hundred coly)

RECTION GIVE

SELF PRINTED CERTIFICATE TO BE VERIFIED BY THE RECIPIENT AT WWW.SHCILESTAMP.COM

CONSULTANCY AND NON-DISCLOSURE AGREEMENT

Aufo J. R

CONSULTANCY AND NON-DISCLOSURE AGREEMENT

This Agreement ("Agreement") is made and effective form 20th day October 2022

BETWEEN :Prof. Dr.Anitha T.S. (the Consultant") an individual with this main address located at Pondicherry,

> Department of Biochemistry & Molecular Biology, School of Life Science, Pondicherry University, Puducherry-605014, India.

AND : Mr.Sekhar MM, inventor and Patent holder of AEV01 with office at : 7-124/4/D/, Ist Floor, Road No.15, Vinayak Nagar, Jeedimetla IDA Phase-I, Hyderabad-500055, TS, INDIA here in after called as "Mr.Sekhar"

WHEREAS, consultant has been or will be engaged in connection with the development of a "Product" and in connection therewith will be given access to certain confidential and proprietary information and

WHEREAS, Consultant and Mr.Sekhar wish to evidence by this agreement the manner in which said confidential and proprietary material will be treated.

NOW, THEREFORE, it is agreed as follows:

PART A : CONSULTANCY agreement

44

- Technical advice will be sought from the "Consultant" as and when required in the ongoing program to develop determine the toxicity of drugs.
- 2. Period of the consultancy will be for 5- 6 months and in case the same needs to be extended, a fresh agreement will be made.

3. An amount of Rs.30,000/- plus applicable tax will be paid for the above consultant as an one-time Consultancy charge.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

For "Mr.Sekhar"

d-

Authorized Signature

CONSULTANT :

Authorized Signature

Sekhar MM <u>31007</u> 2022 Date :

Dr.ANITHA T.S.

Date: 21/10/2022

Countersigned by the Competent Authority of the Institution where the Consultant is employed

Pondicherry University has no objection for <u>Dr.Anitha T.S.</u> taking up this consultancy assignment.

Signature with official seal

Pendichetry University Puduchetry - 605 014

END D

Date : 19.12.9012

122

In vitro and in vivo toxicity studies of AEV01 formulated herbal drug on cancer cells

Introduction

30

InnAdapt Immune is a bio-pharmaceutical company that is engaged in research, development and commercialization of drugs majorly related for their anti-cancer and neurodegeneration efficacy. InnAdapt Immune has network of scientists and clinicians who has expertise in drug development. The present study is focussed on AEV01, a special extract formulation from *Picrorhiza Kurroa*, an Indian origin herb grown only in Himalayan region of India and Nepal. As Dr. Anitha and her research team at Dept. of Biochemistry & Molecular Biology, Pondicherry University, has valuable experience in the field of oncology and drug discovery, the Company seeks to benefit from the current collaboration.

Objectives

- 1. To investigate the in vitro toxicity of AEV01 formulated kerbal drug on brain and Hepatocellular carcinoma cells
- 2. To investigate the in vitro toxicity of the AEVOI formulated herbal drug on primary cultures of healthy rat liver and brain tissues.
- 3. To investigate the in vivo toxicity of AEV01 formulated herbal drug on xenograft-induced brain and liver rat models.

Scope of work

The task for the performing party (Dr. Anitha T.S) is to check for the *in vitro* and *in vivo* toxicity of the formulated drugs for treatment of glioma and HCC. COMPANY will financially and intellectually contribute to the work by providing information and guidance. Novel drug candidates will be tested for the efficacy and safety by performing party.

Methodology

Cell Lines and Culture conditions

U-87 MG (human glioblastoma cell lines) and HepG2 (human liver cell lines), already available in the SUPERVISOR's lab, will be grown and maintained in Dulbecco's modified Eagle's medium supplemented with 10% (v/v) foetal bovine serum, 100 IU/mL penicillin G and 100 µg/mL streptomycin. The cells will be sustained at a temperature of 37°C, a minimum relative humidity of 95% and an atmosphere of 5% CO₂ in air. At around 80% confluency, the cells will be trypsinized, washed, spun down and seeded in 6-well or 24-well or 96-well plates according to the experiments being performed. Study of brain and liver tissue samples and blood samples: Proteins will be isolated in respective tissues and will be evaluated for the levels of NLRP3 Inflammasone complex (Caspase 1, IL-1b, IL-18, IL-6, TNF alpha, p53 and CRP). In addition, Histopathological analysis will be performed to detect the morphological changes in the tissue samples.

Deliverables:

The cytotoxic and apoptotic efficacy of the drug formulation will be validated which will
pave way for translation for its pre-clinical validation.

SLNo	Recurring	INR in Rs
1	Consumables	3,40,000
2	Manpower (Rs. 10,000/month for 5 months)	50,000
3	Contingency	35,000
4.500	Consultancy to the PI	30,000
- CALENCE	Total of 1+2+3+4	4,55,000
4	Overhead @ 10%	45,500
Selen all	Grand Total (Rs)	5,00,500

BUDGET

duitle J.h 12/12/2022

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Transfer Successful

Raference ID	DEA8262921
Mode	RTGS
Beneficiary Account	PONDICHERRY UNIVERSITY EMSI' EMSF
Artiount	7 250250
From Account	XX-XX-XX XX XX.57
On	06/05/2024
Remarks	SekharMMPt/Agroenv

An amount up os. 2,50, 230 was socioed in EMSF

ent on ob. 05.24.

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5/27/22, 1:03 PM

Pondicherry University Mail - Request to submit PFMS enabled bank account detail of Pondicherry University - reg



Dr.NALINI R <nalini.ranganathan@pondiuni.ac.in>

Request to submit PFMS enabled bank account detail of Pondicherry University reg

Manoj Hatoj <nisdmanoj@yahoo.com> To: "nalini.ranganathan@pondiuni.ac.in" <nalini.ranganathan@pondiuni.ac.in> Cc: "iftemsw@gmail.co" <iftemsw@gmail.co> Fri, Jan 21, 2022 at 4:55 PM

NATIONAL INSTITUTE OF SOCIAL DEFENCE (Ministry of Social Justice and Empowerment) Plot No. G-2, Sec-10, Dwarka, New Delhi-110075

F.No. 46/Misc/2022/NCDAP/NISD

Dated 21.1.2022

Dr. R. Nalini, Professor & Head, Department of Social Work, Pondicherry University, Pondicherry - 605 014.

Dear Sir/ Madam

This is in reference to submission of project proposal on Preventive Education, Outreach and Support among Higher Educational Institution Personnel and At-Risk Communities in Puducherry District under "Nash Mukt Bharat Abhiyan", (NMBA) to the Ministry of SJ&E. The said proposal is approved by the Ministry of SJ&E.

I would like to inform you that, as per new direction, in order to release of program fund (proposal got approved by the Ministry), all NISD stakeholders are require to get their bank account registered/linked under PFMS with NISD bank account.

The Public Financial Management System (PFMS) is a Central Monitoring system, wherein an e- payment platform is used as Direct Benefit Transfer into bank accounts, through NPCI/RBI.

In this regard, please find attached herewith Registration Mandate Form for your needful compliance please.

You are requested to kindly register your bank account (Pondicherry University - full name of the organisation) under PFMS, exclusively for NISD.

For any assistance & guidance related to registration of bank account under PFMS, please contact under-mentioned personnel:

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5/27/22, 1:05 PM

Pondicherry University Mail - Request to submit PFMS enabled bank account detail of Pondicherry University - reg

Sh Akhilesh 7838501577, email : nisdakhilendra@yahoo.com

Sh Raj kishore prasad 9873638827, email: prasadrajkishore197@gmail.com

Please submit to us the PFMS enabled designated bank account detail, immediately, so as to transfer the program installment.

In case of any query, please feel free to contact us.

Thanking you

Yours Faithfully,

-sd-

Manoj Hatoj

Deputy Director (NCDAP) National Institute of Social Defence(NISD), Ministry of Social Justice & Empowerment, Government of India Plot No. G-2, Sec-10, Dwarka, New Delhi-110075 Phone:011-20893998, Mob No.- <u>9250904822</u>

PFMS Form (1).pdf



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iv, GST/TDS : GST charges	and TDS charges deducted	on actual Inv	cice value a	s per the Govt, norr	me il applicable	
v. Payment : Payment will	be made every month agains	t submission	of your invo	xce within 7 working	g days	
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Corp. Office: KUTOCR. PO, THRUMALIA, KERALA, INDIA 880 106 Tet 0469-2743396, 94471 24685 Fac: 0469-2743399 E-mail: parthree@positis.in:Web:: www.positis.com



Dr. Regina Sharmila Dass <reginadass@gmail.com>

Acknowledgment of Dr Regina Sharmila Dass's services

Daljit <daljit@naandi.org> To: "Dr. Regina Sharmila Dass" <reginadass@gmail.com> Wed, Nov 22, 2023 at 6:13 PM

Sanction Letter

This is to acknowledge that a sum Rs 40000/- was paid to Dr. Regina Sharmila Dass, for her services as Field Level Consultant in Eco-Regenerative Agriculture, Soil Microorganisms and Soil Fertility on 11th, 12th and 13th June 2022 in the region of Moga and Tarn Taran, Punjab, and Shravasti, Uttar Pradesh in North India, to train and interact with our all WOMEN ENTREPRENEURS GROUPS working towards Sustainable Development Goals (SDGs). Her work is highly appreciated.

Thanks & warm regards,

Daljit Singh

Executive Vice President Naandi Foundation

+91-9876605841



ICMR-VECTOR CONTROL RESEARCH CENTRE MEDICAL COMPLEX, INDIRA NAGAR PUDUCHERRY – 605 006

No. ICMR-VCRC/EOR/IM-2239/2023-24/001

To

Date: 15.02.2024

The Head of the Department Department of Computer Science School of Engineering and Technology Pondicherry University

Respected Sir,

Sub: Development of mobile application on dengue for ICMR-VCRC -reg

Based on the discussions and presentations done by the technical team headed by Prof. S.K.V.Jayakumar, Dr. R.Sunitha and Dr. S.L.Jayalakshmi, faculty from the Department of Computer Science, Pondicherry University, I am pleased to inform you that we will engage your services for the technical design, development and deployment of the Community-based Dengue Awareness mobile application.

We appreciate the design outlined in the proposal and look forward to the participation of your team in the development and deployment of the application. The expertise and commitment of your team are apparent throughout our discussions, and we are confident that your team will deliver a highquality solution.

Below are the details of the approved consultancy services and the associated service charges:

Scope of Consultancy Services for the Development and deployment of Dengue Awareness App:

- Design and development of a user-friendly mobile application (as per the approved prototype)
- Inclusion of informative content, interactive features, and real-time Dengue prevention and management updates.
- Deployment of the mobile application in the play store
- Terms regarding maintenance and support will be discussed after the product delivery
- Service Charges: The approved consultancy service charges will cover the development, developer
 account registration, web hosting and miscellaneous charges
 - Total Consultancy Charge: Rs. 30500
 - Payment made to: Pondicherry University

We sincerely thank you for your interest and support in the development of this essential project.

102/2024 Dr. Jen

Scientist B & Principal Investigator

DE J. JENCY PRISKILLA ME.B.L. (Ban No 1



भारत सरकार / GOVERNMENT OF INDIA

जवाहरलाल स्नातकोत्तर आयविज्ञान शिक्षा एवं अनुसंधान संस्थान (जिपमेर)

(स्वास्थेव एव वीविवय कल्यान महातम के अधीन राष्ट्रीय महत्व का संस्थान) धल्तलीर लगा, पुदुस्त्रेरी 605 006



JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER)

(An Institution of National Importance under Ministry of Health & Family welfare)

Dhanvantri Nagar, Puducherry - 605 006

22HTM / Phone (0413) 2272380 / 82 / 85 / 86, 2296000, 2296500, 2272132 & 2272337, 94FH / Fax: 0413 - 2272066/67 & 2272735 ई-मेल / E-Mail: jømer@jømer.edu.in. वेबसाइट / Website: www.jømer.edu.in

विभाग / DEPARTMENT Medical Education

8. / No.

No.JIP/DME(48)/Ph D/2021

टिनांक / Date: 28.05.2024

Dr. Z Zayapragassarazan Professor and Head Department of Medical Education

To Prof. S. Siva Sathya, Dean. School of Engineering and Technology Pondicherry University.

Dear Madam.

Sub: Consultancy for the Development of a Web based Learning Management System for Simulation-based Medical Education for JIPMER- reg.

Based on the discussions and presentations we had with you regarding the development of a Learning Management System for Medical Education in JIPMER, I am happy to note that you have assigned Ms. M. Akshara, a M.Sc. student from the Department of Computer Science, Pondicherry University to design and develop the web application under your guidance as part of your consultancy service.

We appreciate the design outlined in the proposal, and satisfied with the web application developed and transferred to our department. The expertise and commitment of your team are apparent throughout our collaboration, and we are confident that you will continue to provide your consultancy support for all our future needs.

Below are the details of the approved consultancy services and the associated service charges.

Development of MEDLEARN: A Web based Learning Management System for Simulation-based Medical Education

- Design and development of a user-friendly Learning Management System for Simulation-based Medical ٠ Education in JIPMER
- Inclusion of informative content, user friendly interactive features, and real-time management updates.
- Separate modules for Teacher, Student and Administrator.
- Analysis module for assessing the performance of students.

Service Charges:

- The approved service charges for the consultancy services are as follows:
- Total Cost: Rs 5000/-
- Payment Schedule: One time
- Payment made to: Pondicherry University

We sincerely thank you for your interest and support in the development of this essential project.

Professor & HOD Department of Medical Education, JIPMER हों, बेह जयप्रकाशराजन Dr. Z. ZAVAPRAGASSARAZAN भाषाचे एवं अध्यक्ष / Professor & Head historin finer Dann ment of Medical Education

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Corp. Office: KUTOOR: PO, THRUVALLA, KERALA, INDIA 689 108 Tel: 0469-2743306, 94471 24995 Fax: 0469-2743330 E-mill: purchase@postcs.in: Web: www.postcs.com



[Fwd: Confirmation of Training Program-reg]

2 messages

sprasanna@npcil.co.in <sprasanna@npcil.co.in> To: baranikanth77@gmail.com Thu, May 9, 2024 at 3:07 PM

Cc: jrooby@npcil.co.in, lbsvasan@npcil.co.in, kkarvannan@npcil.co.in, mramamurthy <mramamurthy@npcil.co.in>

Sir,

This is with regard to Quotation received through e-mail dated 12th April 2024 for

conducting Training Program Titled "Team Building/Leadership Development" at

Madras Atomic Power Station, Kalpakkam.

The Training Program is approved at MAPS. You are requested to confirm the date for making further arrangements. Please confirm the dates .We would like to have 4 consecutive days in a 4th or 5 th week in this month.

Following may please be sent through e-mail at the earliest.

1. Faculty Profile.(Already available with MAPS).

2. Faculty and Training Aid related data by filling the attached file

so as to arrange Entry permit/ Transport/Accomodation arrangements by MAPS.

3. Copy of Photo-ID (Original to be brought by the delegate)

4. Materials to be printed and distributed, if any, to the participants

may please be sent in advance in soft form.

With regards

S. Shyam Sundar Prasanna, SO/F.

From: Barani Kanth [mailto:baranikanth77@gmail.com] Sent: Friday, April 12, 2024 3:15 PM To: kkarvannan; sprasanna@npcil.co.in Cc: ts.maps@npcil.co.in; mramamurthy@npcil.co.in; lbsvasan@npcil.co.in Subject: Re: Requesting quote for Training Program-reg

Dear Sir,

Please find the attached quotation for the training program, as requested.

Please let me know if anything else needed,

warm regards

Barani Kanth

On Sat, Apr 6, 2024 at 6:49 PM kkarvannan <kkarvannan@npcil.co.in> wrote:

Sir,

Please find attached herewith a letter seeking quote for a Training Program at NTC, MAPS, NPCIL Kalpakkam.

Contact details of the Training coordinator is given below.

SHYAM SUNDAR PRASANNA S

Scientific Officer F

Training Officer &

Intercom 38691.

Mobile 9445397626.

Email: sprasanna@npcil.co.in



Team Building programme at MAPS Kalpakkam -reg.]

1 message

mshubha <mshubha@npcil.co.in> To: Barani Kanth <baranikanth77@gmail.com> Cc: jrooby <jrooby@npcil.co.in>, mramamurthy <mramamurthy@npcil.co.in> Wed, Jan 31, 2024 at 12:29 PM

Sir,

This is with regard to Quotation received through e-mail for conducting Training Program Titled "Team Building and Team Work" at Madras Atomic Power Station, Kalpakkam.

The Training Program is approved at MAPS and is Scheduled on 07th February 2024.

Following may please be sent through e-mail at the earliest.

1. Detailed Faculty Profile.

2. Faculty and Training Aid related data by filling the attached file so as to arrange Entry permit/ Transport arrangements by MAPS.

3. Copy of Photo-ID (Original to be brought by the delegate)

4. Materials to be printed and distributed, if any, to the participants

please be sent in advance in soft form.

Regards, Shubha M.

** Radiation exposure to public from NPP is negligible **

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2 attachments

Faculty details.docx 15K



Dr. Regina Sharmila Dass <reginadass@gmail.com>

Acknowledgement of Honorarium payment

David Hogg <david@naandi.org>

Wed, May 29, 2024 at 12:39 PM

To: Regina Dass <reginadass@gmail.com>

Cc: Anupama Sreeramaneni <anupama@arakuoriginals.com>, Rohini <rohini@naandi.org>

Dear Dr Regina Dass,

This is to acknowledge that Rs 40000/- was paid to you recently as honorarium for the much valued consultancy work as Jury member for Gems of Araku and soil microbial assessment work in the field.

We are grateful to you for your steadfast dedication to assisting us with your time and expertise in our endeavour to qualitatively improve the lives of small and marginal tribal farmers.

Warm regards and thanks David Hogg Chief Agriculture Advisor Naandi Foundation



www.naandi.org

2023-24 (2:43)

Government of Puducherry Puducherry Water Resources Organization Opp. to MNGP College, Lawspet, Puducherry - 605 008.

No. 3/3/ NHP/PWRO/GW-PDS/2023-24/37 To.

Puducherry.the, 10. 08. 20,

 Dr.K.Srinivasamoorthy (Consultant) and Dr.D.Senthilnathan (Co-Consultant) Department of Earth Sciences, Pondicherry University, Kalapet, Puducherry.

Sir,

Sub: PWRO-NHP-Proposed 2 Nos of Groundwater Studies under NHP-Commencement of field work – Reg.

With reference to the subject mentioned above, it is to be informed that the Puducherry Water Resources Organization (PWRO), Government of Puducherry, is implementing two project studies under National Hydrology Project viz. "Improving Groundwater Potential and Impact Assessment of Deeper Cretaceous Aquifers of Pondicherry Union Territory" and "A Study on Seawater Intrusion in Coastal Aquifers Systems of Pondicherry along with a Suggestion for Remediation Aided by Managed Aquifer Recharge" in the Pondicherry Union Territory.

The NPMU and PWRO have finalized Dr. K. Srinivasamoorthy and Dr. D. Senthil Nathan, Department of Earth Sciences, Pondicherry University, as Consultants and Co-consultant for the studies mentioned above under the NHP, considering their expertise in water resources. A Memorandum of Understanding (MoU) for the 2 No's of groundwater studies has been signed between the Project Co-ordinator, PWRO and Dr. K. Srinivasamoorthy (Consultant) and Dr. D. Senthil Nathan (Co-Consultant), Department of Earth Sciences, Pondicherry University on the 8th of July, 2022 and final report shall be submitted by March-2024.

In this regard, the consultants have submitted the inception report and the same was satisfactory as such as per the MoU of 10% of the project cost for an amount of Rs. 12,40,368/- has been released to Pondicherry University vide cheque number 259638 dt. 30.06.2023. As mentioned in the objectives, it is requested proceed further in implementing the two projects by collecting water samples, Geophysical survey and other project-related activities and completed the studies as per scheduled.

Yours faithfully,

JUNIOR ACCOUNTS OFFICER PWRO, PUDUCHERRY

Copy to: The Joint Project Co-odinator, PWRO. Puducherry.

THE SOCIETY FOR THE PSYCHOLOGICAL STUDY OF SOCIAL ISSUES

700 7th Street SE, Washington DC 20003

December 7, 2023

Dr. Chinchu C. Association for Social Change, Evolution, and Transformation Kerala, India E: <u>chinchu.c@gmail.com</u>

Dear Dr. Chinchu C. and Colleagues,

Congratulations! On behalf of the selection committee and the Society for the Psychological Study of Social Issues (SPSSI), I am delighted to inform you that your Local- and State-Level Policy Work proposal entitled "Culture-sensitive Implementation of Comprehensive Sexuality Education in Kerala Schools: An Evidence-based Intervention Framework" has been selected to receive a grant in the amount of \$2,000. An announcement of this award will be made via SPSSI's website and other outlets.

SPSSI requires that as a condition of accepting this award, you agree to submit a narrative report in article form upon completion of the project, indicating the results, outcomes, or current status of your funded project. This report will be used for our records and for possible publication in the SPSSI newsletter, informing SPSSI members about the work that you have done. Please complete the check form and tax form if funds are to be made to you directly. Completed documents should be emailed to SPSSI Manager of Programs and Operations Justin Belsley (jbelsley@spssi.org).

Please confirm your acceptance of this award and indicate on the check form whether the check should be made out to you or to you and your institution. If this payment is to be made to you alone, it will be regarded as taxable income, and you are required to complete the appropriate tax form and return it to Justin Belsley. If this payment is to be made to you and your institution, no tax form is necessary. We highly encourage this second option. Please note that until we receive this information, we will be unable to process your check. You will have six months from today's date to claim these funds, after which time they will no longer be available to you.

Again, congratulations on your outstanding proposal. It is a fine example of SPSSI's interest in applying research to significant social issues.

Sam Abbott SPSSI Director of Policy and Communications

Phone: (202) 675-6956

Fax: (202) 675-6902

spssi@spssi.org

www.spssi.org

CURIUM THINK LAB PVT LTD 226/17, Eramam, Kannur, Kerala 670307 (IN)

To, Dr. Chinchu. C, Assistant Professor, Centre for Women's Studies Pondicherry University

December 11, 2023

Sub: Request to take up Consultation Project titled "Assessment and Evaluation of Schoolbased Interventions to Enrich the STREAM Ecosystem"

1296

Dear Dr. Chinchu,

I hope this letter finds you well. I am writing to express our sincere interest in seeking your expertise and willingness to take up the consultancy project "Assessment and Evaluation of School-based Interventions to Earich the STREAM Ecosystem" for the STREAM Ecosystem programme, a significant initiative in the Kerala school education system to promote project-based learning and innovation among students.

The STREAM Ecosystem project is underway across four districts in the Kerala state, spearheaded by Samagra Shiksha Kerala under the Government of Kerala and in collaboration with Cochin University of Science and Technology (CUSAT). We, at Curiefy are part of the university startup ecosystem and are serving as both an academic and infrastructure partner for this project. The project has a total budget of INR 8.6 crores, with a dedicated allocation of INR 20 lakhs for assessment and intervention studies. This strategic collaboration between the government, a university, and the industry aims to provide an additional layer of expertise and support to the project.

The consultancy project that we expect you to undertake includes the development of an assessment tool tailored to the unique aspects of the STREAM Ecosystem project. Additionally, we would appreciate your guidance in analyzing the impact of previous and current educational interventions in Kerala, focusing on their effects on students and society. Your valuable contributions will enhance the quality of this project and contribute to the broader goal of fostering innovative and effective learning experiences and inclusivity within the Kerala school education system.

Your background in assessment and monitoring projects and field research experience coupled with your experience in educational interventions makes you an ideal candidate for this consultancy project. Your insights will significantly contribute to the success of this ambitious intervention.

We understand the demands on your time and expertise and assure you that every effort will be made to accommodate your schedule. Payments for the consultancy services rendered by you will be made through your institution, according to the policy thereof on consultancy projects.

We request your consent for undertaking this consultancy project. Your willingness to contribute to this initiative is highly appreciated, and we look forward to the prospect of collaborating with you. We anticipate a fruitful partnership that will benefit the education landscape in Kerala.

Thanking you.

Regards,

Rimju KV, CEO, Curium Think Lab Pvt. Ltd.

Official address: Curium Think Lab Private Limited CITTIC - CUSAT, University Road, Kalamassery, Kochi, Kerala, 682022 (IN)



Email: info@curiefy.net Phone: +91 91882 85880 CIN: U80903KI 2021PTC059676



Dr.ANBU K <anbucovai@pondiuni.ac.in>

PACS- Operational Research and Evaluation (OR&E) Studies-2023-2024- Reg.

3 messages

Pondicherry SACS cpondicherrysacs@gmail.com>
To: anbucovai@pondiuni.ac.in
Cc: Project Director <pdpacs@gmail.com>, registrar@pondiuni.edu.in

Mon, Aug 21, 2023 at 7:24 AM

Respected Sir,

In connection with the Operational Research and Evaluation (OR&E) Studies, for the financial Year 2023-2024, The study title " Stigma and Discrimination (S&D) among People Living with HIV/AIDS (PLHIV)" has been assigned with the Department of Social Work, Pondicherry University, Kalapet, Puducherry by Pondicherry AIDS Control Society.

In this regard, the Tool and Guidance note for the above study is enclosed for your kind reference please. Research guidelines also enclosed for your further process.

Thanks & Regards, T.Balamurugan, Deputy Director(SI), Pondicherry AIDS Control Society, Puducherry, 94436 23973

3 attachments

- R&E Guidelines for SACS-GIA 2021-22.pdf 247K
- Guidance Note for Stigma and Discrimination_NACO SI.pdf 559K
- **Tool Stigma and Discrimination NACO SI.pdf**

Dr.ANBU K <anbucovai@pondiuni.ac.in> To: Pondicherry SACS <pondicherrysacs@gmail.com> Cc: Project Director <pdpacs@gmail.com>, registrar@pondiuni.edu.in Wed, Aug 30, 2023 at 12:47 PM

То

The Director Pondicherry AIDS Control Society (PACS) Puducherry

Dear Madam, Greetings!

At the outset I would like to express our sincere thanks for considering our Department of Social Work to carry out the research study on " Stigma and Discrimination (S&D) among People Living with HIV/AIDS (PLHIV)" in Puducherry. We are happy to take up the research work with the approval of our University authorities. We will initiate the process immediately and will get back to you for further guidance and procedures from your side. Once again our sincere thanks for the confidence you have in us and assigning the research work to our Department.

Thanking you

With regards

12/12/23, 1:01 PM

Anbu

Dr.K.ANBU Associate Professor & Head (i/c) Department of Social Work School of Social Sciences & International Studies Pondicherry University (A Central University) Pondicherry- 605014. India. Phone: 0413-2654770 Mobile: 9486313164 Email: anbucovai@pondiuni.ac.in anbucovai@gmail.com

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[Quoted text hidden]

Pondicherry SACS <pondicherrysacs@gmail.com> To: "Dr.ANBU K" <anbucovai@pondiuni.ac.in> Cc: Project Director <pdpacs@gmail.com>, registrar@pondiuni.edu.in Wed, Aug 30, 2023 at 1:11 PM

Thank you for your mail Sir,

T.Balamurugan, PACS [Quoted text hidden]