

Consultancy by Mechanical Engineering Department (2020-21, 2021-22, 2022,23)

| | | | | | |
|--|---|-------------|--|--------------------|--------------------------|
| Dr. Sunil Kumar | Design and development of Mechanized system for fruit bar manufacturing | Consultancy | ICAR-CIPHET, Ludhiana | 23,600/- | 2021-2022 |
| Prof. A S Shahi (PI) Dr. Anil Kumar Singla(Co-PI) | Setting up of modern and advanced welding Training workshop for skill Up-Gradation of Youth | Consultancy | Institute for auto parts and hand tools technology, A-9, Phase-V, Focal Point, Ludhiana-141011 | 4,72,000/- | 2022-2023 |
| Prof. Dheeraj Sud(PI) Dr. Payal Malik (Co-PI) & Dr. Anil Kumar Singla (CO-PI) | Chemical and Performance Analysis of Industrial Samples provided | Consultancy | Amber Paints Industrial Area-B Ludhiana, Punjab 141003 | 59,000/- | 24-08-2023 to 30-11-2023 |
| Prof. Dheeraj Sud(PI) Prof Mani Kant Paswan (Co-PI) Prof. Jagtar Singh (Co-PI), Dr. Anil Kumar Singla (CO-PI) & Dr. Payal Malik (Co-PI) | Processing and Utilization of Compressed Bio Gas (CBG) Plant's Residue | Consultancy | VERBIO India Private Limited Lehragaga, Dugal KM Stone 7-8, Tehsil Road Village Bhutal Kalan- 148031 | 11,21,000/- | Jan 2024 to Dec 2024 |
| Total | | | | 16,75,600/- | |



HEAD
Department of Mechanical Engineering
Sant Longowal Institute of Engineering & Technology
148001, 148106, Distt. Sangrur (Punjab)
(An Affiliated Institute of India, Punjab University)

Sanctioned of Consultancy Projects from 2019-2022

| S. No. | Name of Consultant/PI/ Coordinators | Name of Consultancy Project | Sponsored Agency | Duration of Consultancy Project | Value of Sanction of Project in Rupees | Date of Registration |
|--------|--|---|--|---|---|----------------------|
| 1. | Pl- Dr. Sunil Kumar, AP, Mechanical Engineering Department | Preparation of Engineering Drawings of Refractive Window Drying Machine (RWDM) under project Design and Development of Mechanized System for Fruit Bar-Manufacturing at ICAR-CIPHET, Ludhiana | ICAR- CIPHET, Ludhiana Indian Council of Agricultural Research-Central Institute of Post-Harvest Engineering & Technology (Ministry of Agriculture and Farmers Welfare) | 2 days | Rs. 23, 600/- | 24/11/2021 |
| 2. | Pl- Dr. P.S. Panesar, Prof. FET Department | Microscopy and Imaging of Samples on Stereomicroscopic available in Biotechnology Lab. | Dr. Sanna Chaudhary, Guru Nanak Dental College & Research Institute, Sunam | 07 days Type of Consultancy Project- Type- III | Rs. 7080/- | 19/02/2021 |
| 3. | Pl- Dr. P.S. Panesar, Prof. FET Department | Testing of Samples made of Impression Material | Dr. Simmi Sharma, Guru Nanak Dental College and Research Institute, Sunam | 15 Days Type of Consultancy Project- Type- III | Rs. 8,496/- | 19/10/2020 |
| 4. | Pl- Dr. Manpreet Singh Manna, AsP, EIE Deptt. | Design and Assessment Study Report and Online Survey of India Woman Government Polytechnics | NASSCOM Foundation India, A1/125, Third Floor, Sofdarjung Enclave, Opposite Ambience Public School, New Delhi- 110029 | 2- 4 Months, w.e.f. 04/09/2020 | Rs. 50,000/- | 04/09/2020 |
| 5. | Pl- Dr. Surinder Singh, Prof. ECE Department | Development of Optimal UV Sanitization Device to Disinfect the Virus and Bacteria for | Gigabyte Networks Pvt. Ltd. Ludhiana | w.e.f. July- 2020 for 06 months | Rs. 2.32 Lakh but received Rs. 30,000/- | 03/07/2020 |

CS
17/11/22

CS
17/11/22

CS
Dy. Registrar (Accountants & Audit)
Sant Longowal Institute of Engineering
& Technology (SLIET) Longowal
District Sangur (Punjab) - 148 106

Subject: Disbursement of payment under Course/ Sponsored research/ Consultancy.

The disbursement of consultancy payment as per notification no. SUET/REG/9496-98 Dated 15/07/2020 received from agency as per detail given below:

| Type of consultancy Project (Please tick as applicable) | Course | Sponsored research | Type-I | Type-II | Type-III |
|--|---|---|---|---------|----------|
| | — | — | ✓ | — | — |
| Name of Consultant / PI | Dr. Sunil Kumar (AP) | | | | |
| Name of Department | Mechanical Engg. | | | | |
| Name of the Consultancy Project: | Preparation of Engg. Drawing of RWD of 1000-CA | | | | |
| Name of funding agency / Client | ICAR-CIPHET, Ludhiana | | | | |
| Project / Invoice No. | MO 270 6-14/2021/2142/341 30/522, 12/10/2021 | | | | |
| Duration of the Consultancy Project | Two days (21-22/10/2021) | | | | |
| Value of the Consultancy Project | Rs. 23,600/- | | | | |
| Less: GST / TDS amount deducted, if any | Rs. 3,600/- | | | | |
| Amount Received | Rs. 23,600/- | | | | |
| Entry in Departmental Record & Consumable / Non-Consumable | Page No. N.A. | | | | |
| Honorarium to the Project Investigator as per Form No. CP-02, (X _{TP} -GST-X ₁) | 23,600 - 3,600 - 5,000 = 15,000/- | | | | |
| COURSES: In case of self sponsored Courses/ Seminars/Symposia/ Conferences/ Workshop. In case of TEQIP sponsored Courses/ Seminars/ Symposia/ Conferences/ Workshop, approved guidelines of the project shall be followed. | Total Receipt of Registration | 05% of the total Institute development fund | Remaining amount utilized in event | Total | |
| | — | — | — | — | |
| In case of Sponsored Projects: The Institutional cost/overhead charges (X ₁) will be distributed equally in three funds and maintained by account section. Fund Amount received of Rs. | Institute development fund | Department development fund | Professional Development fund of PI or Consultant | | |
| ... | — | — | — | — | |
| In case of Consultancy Projects: Fifty percent (50%) of the Institutional cost (X ₁) will be distributed equally in three funds and maintained by account section. | (a) Institute Development Fund | 894/- | | | |
| Fund amount received of Rs. 23,600/- (2500/-) | (b) Department Development Fund | 833/- | | | |
| | (c) Professional Development Fund of PI or Consultant | 833/- | | | |
| Remaining fifty percent (50%) of Rs. 5000/- of the Institutional cost (X ₁) will be distributed equally in four components | S.N. | Name of the officials | Designation | | |
| | (a) | Dr. Harinder Singh | Director | 625/- | |
| | (b) | Dr. A.S. Dhaliwal | Dean (R&C) | 255/- | |
| | (c) | Dr. Amandeep Singh Shahi | Head of Department | 625/- | |
| | (d) | Vinod Kumar (A/c) | Officials / Purchase | 208/- | |
| | | Mohinder Kumar (H.C) | staffs of | 208/- | |
| | | Surjit Singh (Store Clerk) | Account | 209/- | |
| Total: | | | | | 2500/- |

Rs. 23600/- amount has been transferred by the ICAR-CIPHET Ludhiana on 3/11/2021 in the Institute A/c No 1688335346.

Signature of Consultant / PI
Dated: 15/10/2021

Recommended of Rs. 23,600/-

HOD (Mech. Engg.)

Dean (R&C)



Saint Longowal Institute of Engineering & Technology (SLIET)
(Deemed to be University Under Section 3 of UGC Act, 1956)
(Established by Govt. of India, MoE)
Longowal, District Sangrur, Punjab – 148 106

Ref. No. SLIET/Dean (R&C)/2023/294


Dated: 14/06/2023

CERTIFICATE OF APPRECIATION

Awarded to Dr. A.S. Shahi, Professor, Department of Mechanical Engineering for obtaining consultancy project as detailed below:

| S. No. | Title of Consultancy Project | Name of PI/Co-PI/Consultants | Name of Client | Budget sanctioned for Consultancy work |
|--------|---|--|--|--|
| 1. | Setting up of Modern and Advanced Welding Training Workshop for Skill Up-Gradation of Youth | PI: Prof. A.S. Shahi, ME department Co-PI: Dr. Anil Kumar Singla, ME department | Institute for auto parts and hand tools technology, A-9, Phase-V, Focal Point, Ludhiana- 141 010 | Rs. 4.72 Lac |

Institute Congratulates and Appreciates the efforts made by him for the promotion of research environment in the Institute.


(Prof. Mani Kaur Paswan)
Director

Subject: Regarding approval of consultancy project submitted by Prof. Dhiraj Sud and others.

PUC is proposal of consultancy project submitted by following PI & Co-PI of the institute:

1. Prof. Dhiraj Sud, Chemistry Department, PI.
2. Dr. Anil Kumar Singla, AsP, Mechanical Engineering Department, Co-PI.
3. Dr. Payal Malik, A.P., Chemistry Department, Co-PI.
4. Dr. Anuj Bansal, A.P., Mechanical Engineering Department, Co-PI.
5. Prof. Mani Kant Paswan, Co-PI.

Departments: Mechanical and Chemistry Departments of the Institute.

Proposed details of consultancy project proposal are as under:

| | |
|-----------------------------|---|
| Name of Client | VERBIO India Private Limited, Lehragaga, Dugal KM Stone 7-8, Tehsil- Lehragaga, Raidharana Road, Village- Bhutal Kalan, Sangrur (Punjab)- 148031. |
| Name of Project | Processing and utilization of compressed Bio gas (CBG) plants residue. |
| Type of Work | Design/Development/Troubleshooting/Investigation/Fabrication. |
| Duration of Project | Phase- 1 (3 months from date of approval), Phase- 2 (6 months from approved date of commencement of phase- 2 from VERBIO India Pvt. Ltd.). |
| Value of Project | Phase- 1 = Rs. 1, 18, 000/- Phase- 2 Rs. 10, 03, 000/- |
| Type of consultancy project | I |

As per Rules and Regulations for Sponsored Research and Consultancy, SLIET, Longowal, year- 2020, page No. 9 & 10, Clause No. 2.7 (consultancy projects), Clause 2.7.2 (Standing Committee) is reproduced as under:

A committee duly proposed by Dean (R&C) and approved by the Director shall be the Standing Committee for Consultancy Projects. One standing committee thus formed will be common for all consultancy works of the institute, till its tenure.

The composition of the Standing Committee shall be as under:

1. Dean (R&C) or his nominee - Chairman
2. HOD of the concerned department - Member
3. Principal Consultant/Investigator (PI) - Member
4. One Professor from other Department - Member
(Proposed by the Dean (R&C) & approved by the Director)

Functions of Standing Committee:

1. To consider involvement of consultants/outside experts.
2. To consider the sub-contract, if any, as proposed by the Principal Investigator (PI).

In present case, following Standing Committee may please be approved:

1. Dean (R&C) or his nominee - Chairman
2. HOD of the concerned department - Member (Prof. H.K. Chopra)
3. Principal Consultant/ Investigator (PI) - Member (Prof. Dhiraj Sud)
4. One Professor from other Department - Member (Prof. S.M. Ahuja, Ch.E.)
(Proposed by the Dean (R&C) & approved by the Director)

Submitted for approval of Standing Committee please.

Dean (R&C)

for approval please.

Director

Approved

Dean (R&C)

04/01/24

PTO

Gurbax Singh

Assistant

02/01/2024

Subject: Regarding approval of consultancy project submitted by Prof. Dhiraj Sud and others.

Contd. From NS Page No. 1, Following PI & Co-PIs from Mechanical Engineering and Chemistry department have submitted the consultancy project:

1. Prof. Dhiraj Sud, Chemistry Department, PI.
2. Prof. Jagtar Singh, Mechanical Engineering Department, Co-PI
3. Dr. Anil Kumar Singla, AsP, Mechanical Engineering Department, Co-PI.
4. Dr. Payal Malik, A.P., Chemistry Department, Co-PI.
5. Dr. Anuj Bansal, A.P., Mechanical Engineering Department, Co-PI.
6. Prof. Mani Kant Paswan, Co-PI.

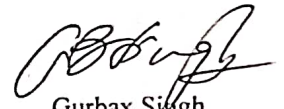
Meeting of following Standing Committee was held on 08/01/2024 in the Office of Dean (R&C):

- | | |
|--|------------------------------------|
| 1. Dean (R&C) or his nominee | - Chairman |
| 2. HOD of the concerned department | - Member (Prof. H.K. Chopra) |
| 3. HOD- Mechanical Engineering | - Member (Prof. A.S. Shahi) |
| 4. Principal Consultant/ Investigator (PI) | - Member (Prof. Dhiraj Sud) |
| 5. One Professor from other Department | - Member (Prof. S.M. Ahuja, Ch.E.) |
- (Proposed by the Dean (R&C) & approved by the Director)

Following is requested for approval please:

1. Revised constitution of Standing Committee may please be approved.
2. Name of concerned PIs & Co-PIs may please be approved.
3. Proceedings/recommendations of Standing Committee is attached at ANNEXURE- A for approval please.

Submitted please.


Gurbax Singh
Assistant
08/01/2024

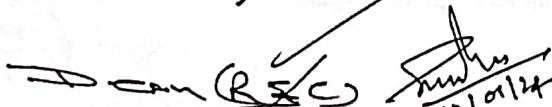
Dean (R & C)

for approval please


08/01/24

Director

Approved
08/01/24


08/01/24

HOD(Chemistry) : For n.a. Prof Dhiraj Sud.

आयोजना (गोध एवं पामर) कायलस
संचिका बहिरंगम सं० ६८३
दिनांक ०८/०१/२४

Receipt No./आयत सं
5908
Dir./ दिनांक ०८/०१/२४
आयोजना (गोध एवं पामर) कायलस
संचिका बहिरंगम सं० ६८३
दिनांक ०८/०१/२४

Recommendations of Standing Committee, dated: 08/01/2024

Name of Consultancy Project:
"Processing and Utilization of Compressed Bio Gas (CBG) Plant's Residue".

Consultancy Project awarded by (name of client):
"VERBIO India Private Limited, Lehragaga, Dugal, KM Stone 7-8, Tehsil - Lehragaga,
Raidharana Road, Village Bhutal Kalan, Sangrur, Punjab - 148031"

Consultants from SLIET, Longowal:

| S. No | Name of the PI/ Co-PI | Designation | Department | PI/Co-PI |
|-------|------------------------|---------------------|------------------------|----------|
| 1. | Prof. Dhiraj Sud | Professor | Chemistry | PI |
| 2. | Prof. Jagtar Singh | Professor | Mechanical Engineering | Co-PI |
| 3. | Dr. Anil Kumar Singla | Associate Professor | Mechanical Engineering | Co-PI |
| 4. | Dr. Payal Malik | Assistant Professor | Chemistry | Co-PI |
| 5. | Dr. Anuj Bansal | Assistant Professor | Mechanical Engineering | Co-PI |
| 6. | Prof. Mani Kant Paswan | Director | SLIET Longowal | Co-PI |

Type of Consultancy Project: Type- 1

Description of Consultancy project:

Value of project: Phase I (Rs. 1,18,000/-) {Rs.1,00,000/- + Rs.18,000/-(GST)}.
Phase II (Rs. 10,03,000/-) {Rs. 8,50,000/- + Rs. 1,53,000/-(GST)}.

Duration of project:

Phase I (3 months from date of approval),

Phase II (6 months from approved date of commencement of Phase II from VERBIO India Private Limited).

Project is to design a processing unit for Compressed Bio Gas (CBG) Plant's Residue and value addition from the resultant output product. During course of this project, all the information and study findings will be kept confidential. Finding can be patented after mutual agreement of both parties.

As per proposal, the work of consultancy shall be completed in following 02 parts:

Part A (Phase 1): Prototype building and trial experiments.

Part B (Phase 2): Design of full-scale processing unit.

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08/01/24

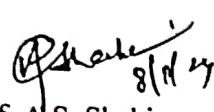
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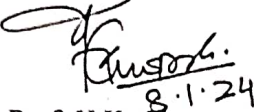
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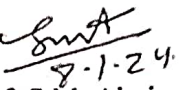
Specific recommendations of the Standing Committee:

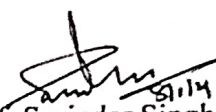
1. The work of consultancy shall be governed as per Rules and Regulations for Sponsored Research and Consultancy, SLIET, Longowal, year- 2020.
2. Consultancy project in collaboration with "VERBIO India Private Limited, Lehragaga, Dugal, KM Stone 7-8, Tehsil - Lehragaga, Raidharana Road, Village Bhutal Kalan, Sangrur, Punjab – 148031" for Rs. Phase I (1,18,000/-) and Phase II (Rs. 10,03,000/-) for 12 months is recommended to be taken by above said PI & Co-PI as per relevant institute rules.


Prof. Dhiraj Sud
PI, Member


Prof. A.S. Shahi,
HOD (ME),
Member


Prof. H.K. Chopra
HOD (Chemistry),
Member


Prof. S.M. Ahuja
Ch.E. Department,
Member


Prof. Surinder Singh
Dean (R&C) cum
Chairman

Dean (R&C)


Director

Project No.

GP-16

- 08/01/2024

FORM NO. CP-01

Sant Longowal Institute of Engineering and Technology, Longowal

CONSULTANCY PROJECT PROPOSAL FORM

(For internal use only. To accompany all project Proposals)

1. (a) Name of the Project: **Processing and Utilization of Compressed Bio Gas (CBG) Plant's Residue**
 (b) Department: **Department of Mechanical Engineering and Department of Chemistry**
 (c) Consultant /PI: **Prof. Dhiraj Sud**
 (d) Co-PI : **Prof. Jagtar Singh, Dr. Anil Kumar Singla, Dr. Payal Malik, Dr. Anuj Bansal, and Prof. Mani Kant Paswan**
 (e) Name of Participating organization in case of Collaborative Consultancy: **NIL**
 (f) External consultant (if any): **NIL**
 (g) Client: **VERBIO India Private Limited, Lehragaga**
 . Vide E-mail dated 15-12-2023
 Address: **Dugal, KM Stone 7-8, Tehsil - Leharagaga, Raidharana Road, Village Bhutal Kalan, Sangrur, Punjab - 148031 E-mail : Pankaj.Jain@verbio.in**
2. Type of work: **Design/Development/Troubleshooting/Investigation/Fabrication**
 (a) Brief description of the project: **Processing and Utilization of Compressed Bio Gas (CBG) Plant's Residue**
 (b) Value of the Project: **Phase I (Rs. 1,18,000/-) {Rs.1,00,000/- + Rs.18,000/- (GST)}**
Phase II (Rs. 10,03,000/-) {Rs. 8,50,000/- + Rs. 1,53,000/- (GST)}
 (c) Duration of the project proposed: **Phase I (3 months from date of approval), Phase II (6 months from approved date of commencement of Phase II from VERBIO India Private Limited).**
 (d) Type of consultancy project (Type-I / Type-II/ Type-III): **Type-I**
3. Whether additional space/ furniture required? (yes/no): **No.**
 If yes, specify:
 1. Space for equipment/stores
 2. Seating space for project staff
 3. Details of furniture
4. Whether facilities of other Departments/ Sections/ Central Workshops are required? (yes/no): **No.**
 If yes, type of the job, name of the item, quantity and time period required
5. Recommendations of Departmental Consultancy Committee (in case of project having more than six months duration) comprising of HOD, PI and one expert in the relevant field:

(i)

(ii)

(iii) HOD (ME)

Note I. The Investigator (in cases where he/she is the sole Investigator in the project) will have to give prior intimation to the client as well as to the HOD regarding nominating another faculty as co- investigator, before he/she proceeds on long-leave for more than 90 days. Timely completion of project remains the responsibility of the Consultant/ PI.

This is to certify that the above decision is based on thorough review of the consultancy work and the appointment of the project leader and co-investigator is based upon their expertise.

Consultant/ PI/Co-PI

Head of the Department

Dean (R & C)

Director

अधिष्ठाता (शोध एवं परामर्श)
Dean (Research & Consultancy)

SLIET/ME/Dispatch/1380
Dated: 26/12/23

CP-16
08/01/20

Form No. CP-02

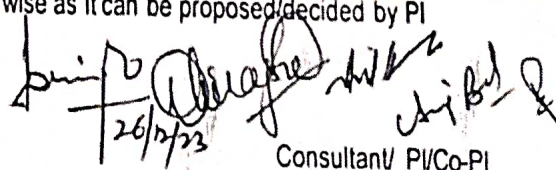
Sant Longowal Institute of Engineering and Technology, Longowal

CONSULTANCY PROJECT COST ESTIMATION SHEET

(For Internal use only. To accompany with proposals)

| Item | Amount (Rs.) |
|---|--|
| 1) Project Cost (X) | |
| Cost of Institute facility/ Testing charges for institute facility (Y)* | NIL |
| Cost of equipment to be purchased (if any) | NIL |
| Cost for assembly & fabrications (if any) | Phase I: Rs. 65,000/- |
| Cost of scale-up /design /simulation with detailed technical specifications | Phase II: Rs. 3,50,000/- |
| Cost of consumables | NIL |
| Cost of testing to be done from outside (if any) | Phase I :Rs.10,000/- |
| Honorarium (H)/ consultancy charges Which includes: <ul style="list-style-type: none">Honorarium to the PI and Co-PI: Phase I (Rs. 18750/-)Phase II (Rs. 2,25,000/-)Honorarium to the external consultant (if applicable): NILHonorarium to the staff (if required): NILInstitute's Share: Phase I (25% of 25,000/-): Rs. 6250/-Phase II (25% of 3,00,000/-): Rs. 75,000/- | Phase I :25,000/- Phase II: 3,00,000/- |
| Salary to the project staff (if required) | NIL |
| Travel for project staff and associated students (if required) | Phase II: 1,00,000 |
| Travel for external consultant (if any) | NIL |
| Contingency | Phase II: 1,00,000 |
| Total (X) | Phase I: Rs. 1,00,000/- Phase II: Rs. 8,50,000/- |
| 2) Institutional Cost or Overhead Cost (Xi) | |
| (as applicable, as per Table I) | NIL |
| 3) GST /any other applicable tax | |
| GST on applicable items of the project such as honorarium / consultancy charges and institutional cost or overhead | Phase I: Rs.18,000/- Phase II: Rs. 1,53,000/- |
| 4) Total Cost of Project (X_{TP}) | |
| Total Cost of Project (X _{TP}) = X (i.e. Project cost) + X ₁ (i.e. Institutional cost or Overheads) + GST (wherever applicable) | Phase I: Rs. 1,18,000/- Phase II: Rs. 10,03,000/- |

*Testing/charges for use of equipment as per approved rates, otherwise as it can be proposed/decided by PI depending upon the nature of the project


26/1/23
Consultant/ PI/Co-PI

Note: The proposal duly signed by Consultant/ PI shall be routed to Dean (R&C) through concerned HOD.

Form No. CP-03
Sant Longowal Institute of Engineering and Technology, Longowal CONSULTANCY PROJECT AGREEMENT

Project Title: Processing and Utilization of Compressed Bio Gas (CBG) Plant's Residue
Name and Address of the Client/Company: VERBIO India Private Limited, Lehragaga
Dugal, KM Stone 7-8, Tehsil - Lehragaga, Raidharana Road, Village Bhutal Kalan, Sangrur, Punjab - 148031
Name of the Representative: Er. Pankaj Jain, Plant Head

Phone: 6239329038 Fax: E-mail: pankaj.jain@verbio.in

| S. No | Name of the PI/ Co-PI | Designation | Department | PI/Co-PI |
|-------|------------------------|---------------------|------------------------|----------|
| 1. | Prof. Dhiraj Sud | Professor | Chemistry | PI |
| 2. | Prof. Jagtar Singh | Professor | Mechanical Engineering | Co-PI |
| 3. | Dr. Anil Kumar Singla | Associate Professor | Mechanical Engineering | Co-PI |
| 4. | Dr. Payal Malik | Assistant Professor | Chemistry | Co-PI |
| 5. | Dr. Anuj Bansal | Assistant Professor | Mechanical Engineering | Co-PI |
| 6. | Prof. Mani Kant Paswan | Director | SLIET Longowal | Co-PI |

Total Project Cost including GST (XTP): Phase I (1,18,000/-), Phase II (10,03,000/-)
Distribution of total project cost between the collaborating organizations:

(a) Organizations: Phase I (1,18,000/-), Phase II (10,03,000/-)

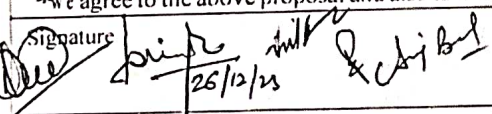
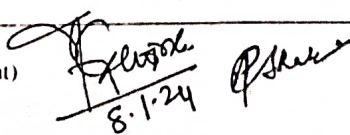
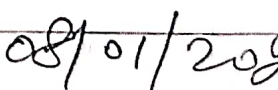
Duration of proposed work (weeks): Phase I (3 months from date of approval)

Phase I

Date of Commencement: Date of approval Date of Completion: 3 months from date of approval
Scope of proposed work: Design and Fabrication of Prototype for Moisture extraction/collection
Trial experiments for technical data generation

Phase II

Date of Commencement: Date of approval by VERBIO India Private Limited Date of Completion: 6 months from date of commencement as approved by VERBIO India Private Limited
Scope of proposed work: Scaling up of Moisture extraction/collection plant/equipment
Designing of complete production process line

| | |
|--|---|
| *We agree to the above proposal and also to the R&C terms & condition of SLIET Longowal | |
| Signature:  (PI & Co-PI, SLIET Longowal) | Signature: Copy mail communication attached for reference (dated 15/12/2023) (Authorized signatory of the client) |
| Name: PI: Prof. Dhiraj Sud. Co-PI: Prof. Jagtar Singh, Dr. Anil Kumar Singla Dr. Payal Malik, Dr. Anuj Bansal, Prof. Mani Kant Paswan | Name: Er. Pankaj Jain, Plant Head, VERBIO India Private Limited |
| Date:  Signature: (Head of the Department) | Date:  Date of Project Registration: 08/01/2024 Project Number: 16 |

Name: Prof. H-12 Chopra &
Date: Prof. A. S. Shali
08/01/2024

Date:

Signature Dean (R&C)

अधिष्ठाता (शोध एवं परामर्श)
Dean (Research & Consultancy)

** For collaborative project. The same as above be got signed from the collaborating organization. The client shall make payment to the collaborating organizations in form of separate cheque/DD/Digital transfer. The PIs/Co-PIs of the concerned organizations shall be responsible for execution of work of their part and submission of UC to the client in the specified format (Form No CP-04).

Terms and conditions for the consultancy projects

1. The consultancy services are of advisory/research nature and are not liable to any litigation.
2. No penalty can be imposed on the PI/Institute in case of any loss to the industry due to this consultancy.
3. An advance of 50% to 100% (on case to case basis but not less than 50%) of the total consultancy/project cost must be deposited to the Institute to get the work started. In such cases the claim of institutional cost or overhead and honorarium shall be charged in the subsequent installment.
4. The agreement shall come into effect only after receipt of advance payment towards the consultancy project.
5. If found necessary, the duration of the project can be extended with mutual consent of both the parties.
6. If the project is not executed by the PI/consultant or terminated before due date of completion, the amount will be returned to the client after deducting Overhead and Tax component if any.
7. If the project is terminated by client during execution but well before half of the duration of project, the advance payment made by the client shall be forfeited.
8. If the project is terminated by client when the project is near completion, the client has to pay full amount towards total project cost.
9. Project and consultancy rule of the Institute shall be applicable.
10. In case of any dispute, Director SUET Longowal shall be the final authority to take decision and it shall be binding to both the client and the consultant.

Gmail

Payal Malik <msg.payal@gmail.com>

FW: FOM PROBLEM STATEMENT & EXPECTED SOLUTION
1 message

dhiraj sud <suddhiraj@yahoo.com>
Reply-To: dhiraj sud <suddhiraj@yahoo.com>
To: Payal Malik <msg.payal@gmail.com>

Thu, Dec 21, 2023 at 1:28 PM

Dr. Dhiraj Sud
Professor & EX-Dean (Acad)
Department of Chemistry,
Sant Longowal Institute of
Engineering & Technology,
Longowal, Sangrur(148106)
Punjab, India.
Ph. 01672253202 (off)

----- Forwarded message -----

From: dhiraj sud <suddhiraj@yahoo.com>
To: dhiraj sud <suddhiraj@yahoo.com>
Sent: Sunday, 17 December, 2023 at 12:41:16 pm IST
Subject: Fw: Fwd: FOM PROBLEM STATEMENT & EXPECTED SOLUTION

Sent from Yahoo Mail for iPhone

Begin forwarded message:

On Friday, December 15, 2023, 6:39 PM, Anil Singla <singlakiran1996@gmail.com> wrote:

----- Forwarded message -----

From: Pankaj Jain <Pankaj.Jain@verbio.in>
Date: Fri, 15 Dec, 2023, 6:35 pm
Subject: Re: FOM PROBLEM STATEMENT & EXPECTED SOLUTION
To: Anil Singla <singlakiran1996@gmail.com>
Cc: Jagtar Singh <jagtarsliet@gmail.com>

Dear Sir


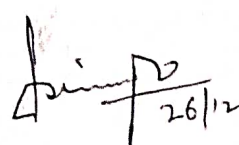
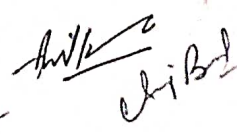
We can start both phases together as discussed with you.
After 1st phase successful completion, second phase payment and further design and development can be started only after approval from VERBIO concerned stakeholders.
VERBIO is liable to pay for 1st phase only with this mail and no other liability.

Regards
Pankaj Jain

Get Outlook for Android

From: Anil Singla <singlakiran1996@gmail.com>
Sent: Tuesday, December 5, 2023 8:38:08 PM
To: Pankaj Jain <Pankaj.Jain@verbio.in>
Subject: Re: FOM PROBLEM STATEMENT & EXPECTED SOLUTION

Dear Sir,

  
26/12

In view of your comments, a revised proposal is attached herewith.

Thanks & Regards

Dr. Anil Kumar Singla
Associate Professor,
Department of Mechanical Engineering,
Sant Longowal Institute of Engineering and Technology,
Longowal-148106
Punjab, India
Ph. No. (+911672253318)
Fax. No. (+911672280057)

On Tue, Dec 5, 2023 at 5:33 PM Pankaj Jain <Pankaj.Jain@verbio.in> wrote:

Dear Sir

Few points

- Here you have not written on Patent after first phase as per our discussion & VERBIO/individual will be a part of that patent.
- We need a PROFIT of minimum 3 INR/kg & not revenue.

Thanks & Regards

Pankaj Jain

Plant Head

VERBIO India Private Limited

Lehra Dugal, KM Stone 7-8,

Tehsil - Lehradaga, Raidharana Road,

Village Bhutal Kalan, Sangrur,

Punjab - 148031

Mobile: +91 6239329038 , 9736037160

Email : pankaj.jain@verbio.in

Internet : www.verbio.de

From: Jagtar Singh <jagtarsliet@gmail.com>

Sent: Friday, December 1, 2023 9:58 PM

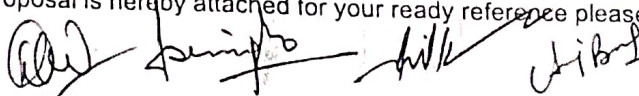
To: Pankaj Jain <Pankaj.Jain@verbio.in>

Cc: dhiraj sud <suddhiraj@yahoo.com>; Anil Singla <singlakiran1996@gmail.com>

Subject: FOM PROBLEM STATEMENT & EXPECTED SOLUTION

Dear Sir,

This is with reference to your email dated 16.10.2023 regarding FOM problem statement and expected solution. In this context , a brief proposal has been prepared by our team after conducting the preliminary investigations. The same proposal is hereby attached for your ready reference please.



Thanking you and with regards.

--
Dr. JAGTAR SINGH

Professor,

Mechanical Engineering Department,

Sant Longowal Institute of Engineering & Technology

(Deemed University, Established by MHRD, GOI)

Longowal - 148106

Distt, Sangrur

Punjab (INDIA)

01672-253348, 253124 (O) 097811-22101 (M)



Sant Longowal Institute of Engineering & Technology (SLIET)
(Deemed to be University Under Section 3 of UGC Act, 1956)
(Established by Govt. of India, MoE)
Longowal, District Sangrur, Punjab – 148 106

Ref. No. SLIET/Dean (R&C)/2024/747

Dated: 24/01/2024

CERTIFICATE OF APPRECIATION

Awarded to **Dr. Anil Kumar Singla**, Associate Professor, Department of Mechanical Engineering for obtaining consultancy project as detailed below:

| S. No. | Title of Consultancy Project | Name of PI/Co-PI/Consultants | Name of Client | Budget sanctioned for Consultancy work |
|--------|--|---|---|--|
| 1. | "Chemical and Performance Analysis of Industrial Samples Provided" | PI: Prof. Dhiraj Sud, Chemistry Department Co-PIs: Dr. Anil Kumar Singla, AsP, Mech. Engg. & Dr. Payal Malik, A.P., Chemistry Department | Amber Paints, Industrial Area, Ludhiana | Rs. 59, 000/- |

Institute Congratulates and Appreciates the efforts made by him for the promotion of research environment in the Institute.

(Prof. Mani Kant Paswan)
Director