

Rajiv Gandhi Science and Technology Commission
Government of Maharashtra

No. RGSTC/File-2019/DPP-222/CR-57/30
Apeejay House, 3rd floor,
Dinshaw Vachha Road,
Near K.C. Collge, Churchgate,
Mumbai 400 020.
Tel. No. 022-22024711
E-mail: rgstcmaha@rediffmail.com
Dated: - 30 JAN 2024

Sanction Order


Sub: Project entitled "Green Solvent Assisted Recovery of Wax from Press Mud Cake and Downstream Processing of de-waxed Press Mud Cake through Bio-methanation and Bio-composting".

- Ref:** - 1) RGSTC Sanction Order dated 23/12/2020.
2) RGSTC Sanction Order dated 18/10/2022.
3) Letter dated 17/11/2023 received from the Institute.
4) RGSTC email dated 04/12/2023.
5) Minutes of PRC online meeting dated 18/12/2023.
6) Letter dated 09/01/2024 received from the Institute.

Rajiv Gandhi Science and Technology Commission (RGSTC), under its Scheme "Assistance for Science and Technology Applications" has sanctioned a project entitled, "Green Solvent Assisted Recovery of Wax from Press Mud Cake and Downstream Processing of de-waxed Press Mud Cake through Bio-methanation and Bio-composting" with a duration of 3 years and total cost of Rs.70,37,000/- (Rs. Seventy Lakh Thirty Seven Thousand only) to Vasantdada Sugar Institute, Pune vide Sanction Order dated 23/12/2020. Accordingly, first installment of Rs.40,98,000/- and second installment of Rs.14,70,000/- were sanctioned and released to the Institute for implementation of the project.

2. The Institute has submitted the Utilization Certificates, Statement of Expenditures and Project Progress Reports up to F.Y. 2022-23 along with interim Utilization Certificate for the period 01/04/2023 to 22/12/2023 which shows an unspent balance of Rs.2,83,861/-. During the period 01/04/2022 to 22/12/2023, the total interest of Rs.1,17,207/- is accrued on the instalments released.
3. The Institute vide letters dated 17/11/2023 and 09/01/2024 has requested to release the third instalment and grant six months no cost extension to the project.
4. Considering the above background and status of the project, Rajiv Gandhi Science and Technology Commission is pleased to grant no cost extension to the project up to 22/06/2024 to complete the pending objectives of the project. The Commission is also pleased to sanction the third installment of Rs.14,69,000/- (**Rupees Fourteen Lakh Sixty Nine Thousand Only**) for implementation of the project. The interest amount of Rs.1,17,207/- (Rupees One Lakh Seventeen Thousand Two Hundred and Seven Only) is adjusted from the sanctioned amount of the third installment of Rs.14,69,000/-.

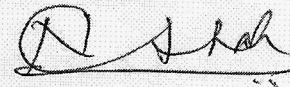



Principal
Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307

5. The Commission, therefore is pleased to release net amount of Rs. 13,51,793/- (Rupees Thirteen Lakh Fifty One Thousand Seven Hundred and Ninety Three Only) to the Institute for implementation of the project. The amount is to be released in favour of Vasantdada Sugar Institute, Pune through RTGS/NEFT/Cheque. The Bank details of the said Institute are as follows:

| | |
|-------------------------------|----------------------------|
| Account Holder's Name: | Vasantdada Sugar Institute |
| Name of the Bank: | Bank of Baroda |
| Name of the Branch: | Pune-Saswad Road |
| Bank Account Number: | 24830100002195 |
| IFSC Code: | BARB0HADAPS |

6. The Institute is requested to acknowledge receipt of the payment immediately. The project status will be reviewed in terms of objectives and achievements, periodically. The Institute should submit Annual /Six monthly progress reports of the project along with the Utilization Certificate and the Statement of Expenditure to enable the Commission to complete the reviewing process.



(N.G. Shah)
Member Secretary

Copy forwarded with compliments for information and necessary action to:-

- 1) Director, Vasantdada Sugar Institute, Manjari Budruk, Tal. Haveli, Pune-412 307.
- 2) Dr. Kakasaheb Konde, Associate Professor, Department of Alcohol Technology and Biofuels, Vasantdada Sugar Institute, Manjari Budruk, Tal. Haveli, Pune-412 307.
- 3) Account Section, RGSTC
- 4) Select File, RGSTC

Copy for information to:-

- 5) The Chairman, RGSTC.
- 6) The Principal Secretary (IT and S&T).



Principal
Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307

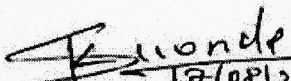
UTILIZATION CERTIFICATE

(Financial Year- 1st April, 2023 to 31st March 2024)

| | | |
|----|--|---|
| 1 | Title of the Project | Green solvent Assisted Recovery of wax from Press mud cake and downstream processing of dewaxed press mud cake through biomethanation and bio-composting. |
| 2 | Name of the Organization/Institute | Vasantdada Sugar Institute, Manjari (BK), Pune |
| 3 | Principal Investigator | Dr. Kakasaheb Konde |
| 4 | Rajiv Gandhi Science and Technology Commission, Mumbai Sanction Order No. and Date of Sanctioning the project | RGSTC/File-2019/DPP-222/CR57 Date 23 rd Dec 2020 |
| 5 | Period of Project | 23 rd Dec 2020- 22 nd Dec 2023 |
| 6 | Amount brought forward from the previous Financial year quoting RGSTC letter No. & date in which the authority to carry forward the said amount was given. | Rs. 9,62,752.00 |
| 7 | Amount received from RGSTC during the Financial year by Sanction Orders No. RGSTC / File-2019/DPP-222 / CR-57 / 30 dated 30/01/2024. | Rs. 13,51,793.00 |
| 8 | Interest / Other receipts, if any, on the RGSTC Funds. | Rs. 37,318.00 |
| 9 | Total amount that was available for the Expenditure during the financial year after revalidation (Sr. No. 6 to 8). | Rs. 23,51,863.00 |
| 10 | Total expenditure for the period. | Rs. 10,36,501.00 |
| 11 | Balance amount available at the end of the financial year. | Rs. 13,15,361.76 |
| 12 | On closure, unspent balance refunded to RGSTC, if any (Please give details of cheque No. and date. | Not Applicable |


Certified that the amount of Rs.10,36,501.00 (Rupees Ten Lakh Thirty-Six Thousand Five Hundreds One Only.) mentioned against col.10 has been utilized on the project for the purpose for which it was sanctioned and that the balance of Rs. 13,15,361.76 (Rupees Thirteen Lakh Fifteen Thousand Three Hundreds Sixty-One and Seventy-Six Paise Only.) remaining unutilized at the end of the period from 01.04.2023 to 31.03.2024 will be adjusted towards the grant-in-aid payable during the next year/ is being refunded.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned by the Rajiv Gandhi Science and Technology Commission has actually been utilized for the purpose for which it was sanctioned.

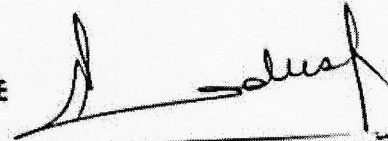

17/08/2024
Signature of the
Principal Investigator and
Date

Department of Alcohol Technology & Biofuels
Vasantdada Sugar Institute
A/p. Manjari (Bk.), Tal. Haveli,
Dist. Pune. Pin- 412307

FOR VASANTDADA SUGAR INSTITUTE


Signature of the
Comptroller/Finance and
Accounts Officer/Director
of Vasantdada Sugar Institute and Date



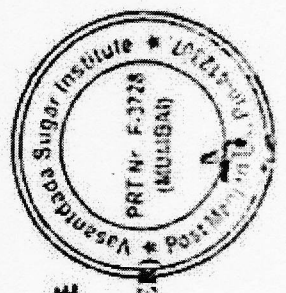

Signature of the
Head of Institution
and Date

Director General,
Vasantdada Sugar Institute
Manjari (Bk.) 412 307
Dist Pune (India)

Statement Showing grants received from Rajiv Gandhi Science and Technology Commission, Mumbai and the expenditure incurred for the period 01st April 2023 to 31st March 2024 for the project entitled "Green solvent Assisted Recovery of wax from Press mud cake and downstream processing of dewaxed press mud cake through biomethanation and bio-composting"

| Item | Unspent balance Carried forward from previous year | Grants received from RGSTC during the year 2023-24 | Other receipts/ interest earned -if any, on the grant received | Total of Col. (2+3+4) | Expenditure incurred from 01.04.2023 to 31.03.2024 | Balance (5-6) | Required funds for Financial Year 2024 - 2025 |
|--------------------------|--|--|--|-----------------------|--|---------------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| A. Non -Recurring | | | | | | | |
| Equipments | 7,63,943.00 | - | - | 7,63,943.00 | - | 7,63,943.00 | - |
| B. Recurring | | | | | | | |
| Human Resource | -61,868.00 | 8,16,000.00 | - | 7,54,132.00 | 6,05,188.00 | 1,48,944.00 | - |
| Consumables | 130.00 | 3,00,000.00 | - | 3,00,130.00 | 1,36,386.00 | 1,63,744.00 | - |
| Travel | 75,000.00 | 1,00,000.00 | - | 1,75,000.00 | 1,38,642.00 | 36,358.00 | - |
| Contingencies | - | 70,000.00 | - | 70,000.00 | 4,825.00 | 65,175.00 | - |
| Overheads | - | 1,33,000.00 | - | 1,33,000.00 | 66,500.24 | 66,499.76 | - |
| Outsourcing | 1,00,000.00 | 50,000.00 | - | 1,50,000.00 | 84,960.00 | 65,040.00 | - |
| Interest on SB Account | 85,547.00 | -1,17,207.00 | 37,318.00 | 5,658.00 | - | 5,658.00 | - |
| Total | 9,62,762.00 | 13,51,793.00 | 37,318.00 | 23,51,863.00 | 10,36,501.24 | 13,15,361.76 | - |

S. B. Sonde
17/08/2024
(Signed and Date)
(PROJECT INVESTIGATOR)
Department of Alcohol Technology & Biofuels
Vasantdada Sugar Institute
A/c. Manjari (Bk.), Tal. Haveli,
Dist. Pune. Pin- 412307



FOR VASANTDADA SUGAR INSTITUTE
(Signature)
(FINANCE & ACCOUNTS OFFICER)
CHIEF-AC, QUANTAN
(Signed and Date)

(Signature)
(HEAD OF THE INSTITUTE)
Director General,
Vasantdada Sugar Institute
Manjari (Bk.) 412 307
Dist Pune (India)

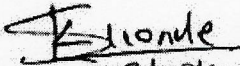
UTILIZATION CERTIFICATE

(Financial Year- 1st April, 2024 to 22nd June 2024)

| | | |
|----|--|---|
| 1 | Title of the Project | Green solvent Assisted Recovery of wax from Press mud cake and downstream processing of dewaxed press mud cake through biomethanation and bio-composting. |
| 2 | Name of the Organization/Institute | Vasantdada Sugar Institute, Manjari (BK), Pune |
| 3 | Principal Investigator | Dr. Kakasaheb Konde |
| 4 | Rajiv Gandhi Science and Technology Commission, Mumbai Sanction Order No. and Date of Sanctioning the project | RGSTC/File-2019/DPP-222/CR57 Date 23 rd Dec 2020 |
| 5 | Period of Project | 23 rd Dec 2020- 22 nd Dec 2023 |
| 6 | Amount brought forward from the previous Financial year quoting RGSTC letter No. & date in which the authority to carry forward the said amount was given. | Rs. 13,15,361.76 |
| 7 | Amount received from RGSTC during the Financial year (Please give No. & dates of Sanction Orders showing the amounts paid | Rs. Nil |
| 8 | Interest / Other receipts, if any, on the RGSTC Funds. | Rs. 19,890.00 |
| 9 | Total amount that was available for the Expenditure during the financial year after revalidation (Sr. No. 6 to 8). | Rs.13,35,251.76 |
| 10 | Total expenditure for the period. | Rs. 4,95,702.83 |
| 11 | Balance amount available at the end of the financial year. | Rs.8,39,548.93 |
| 12 | On closure, unspent balance refunded to RGSTC, if any (Please give details of cheque No. and date. | Not Applicable |

Certified that the amount of **Rs. 4,95,702.83** (Rupees Four Lakh Ninety-Five Thousand Seven Hundreds Two and Eighty-Three Paise Only.) mentioned against col.10 has been utilized on the project for the purpose for which it was sanctioned and that the balance of **Rs. 8,39,548.93** (Rupees Eight Lakh Thirty-Nine Thousand Five Hundreds Forty-Eight and Ninety-Three Paise Only.) remaining unutilized at the end of the period from 01.04.2023 to 22.06.2024 will be adjusted towards the grant-in-aid payable during the next year/is being refunded.

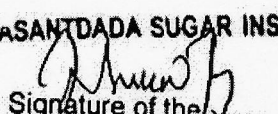
Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned by the Rajiv Gandhi Science and Technology Commission has actually been utilized for the purpose for which it was sanctioned.


17/08/2024

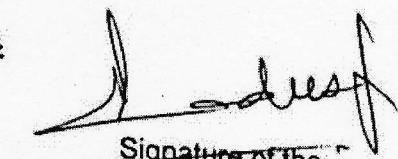
Signature of the
Principal Investigator and
Date

Department of Alcohol Technology & Biofuels
Vasantdada Sugar Institute
A/p.Manjari(BK), Tal.Havelli,
Dist. Pune. Pin- 412307

FOR VASANTDADA SUGAR INSTITUTE


Signature of the
CHIEF ACCOUNTANT
Chief of Finance and
Accounts Officer/Director
of Research and Date




Signature of the
Head of Institution
and Date

Director General,
Vasantdada Sugar Institute
Manjari (Bk.) 412 307
Dist Pune (India)

Statement Showing grants received from Rajiv Gandhi Science and Technology Commission, Mumbai and the expenditure incurred for the period 01st April 2024 to 22nd June 2024

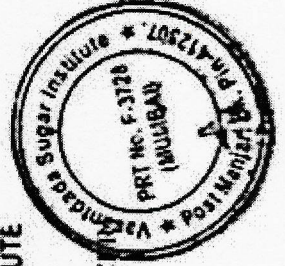
for the project entitled "Green solvent Assisted Recovery of wax from Press mud cake and downstream processing of dewaxed press mud cake through biomethanation and bio-composting"

| Item | Unspent balance Carried forward from previous year | Grants received from RGSTC during the year 2023-24 | Other receipts/ Interest earned -if any, on the grant received | Total of Col. (2+3+4) | Expenditure incurred from 01.04.2023 to 22.06.2024 | Balance (5-6) | Required funds for Financial Year 2024 - 2025 |
|--------------------------|--|--|--|-----------------------|--|--------------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| A. Non -Recurring | | | | | | | |
| Equipments | 7,63,943.00 | - | - | 7,63,943.00 | - | 7,63,943.00 | - |
| B. Recurring | | | | | | | |
| Human Resource | 1,48,944.00 | - | - | 1,48,944.00 | 1,64,000.00 | -15,056.00 | - |
| Consumables | 1,63,744.00 | - | - | 1,63,744.00 | 1,63,670.07 | 73.93 | - |
| Travel | 36,358.00 | - | - | 36,358.00 | 36,358.00 | - | - |
| Contingencies | 65,175.00 | - | - | 65,175.00 | 65,175.00 | - | - |
| Overheads | 66,499.76 | - | - | 66,499.76 | 66,499.76 | - | - |
| Outsourcing | 65,040.00 | - | - | 65,040.00 | - | 65,040.00 | - |
| Interest on SB Account | 5,658.00 | - | 19,890.00 | 25,548.00 | - | 25,548.00 | - |
| Total | 13,15,361.76 | - | 19,890.00 | 13,35,251.76 | 4,95,702.83 | 8,39,548.93 | - |

Blonde
(12/08/2024)
(PROJECT INVESTIGATOR)
(Signed and Date)

Department of Alcohol Technology & Biofuels
Vasantdada Sugar Institute
A/p, Manjari(Bk), Tal. Haveli,
Dist: Pune. Pin- 412307

FOR VASANTDADA SUGAR INSTITUTE
M. M. M. M.
(FINANCIAL ACCOUNTANT OFFICER)
(Signed and Date)



[Signature]
(HEAD OF THE INSTITUTE)
Director (General)
Vasantdada Sugar Institute
Manjari (Bk.) 412 307
Dist Pune (India)