

Note submitted to the Director General, VSI

Date: 21-01-2022

Subject: Permission to use the funds, received for the project on "Pilot scale studies on Recovery of Potash" from M/s Karmaveer Shankarrao Kale SSK Ltd for Purchase of pilot plant equipment.

Respected Sir,

This has reference to letter (KSK-DD / 2021-22 / 2004) dated 23rd November 2021 from M/s Karmaveer Shankarrao Kale SSK Ltd. regarding financial assistance for the project entitled, "Pilot scale studies on Recovery of Potash" of total funding of Rs. 81.36 Lac (Rupees Eighty-One Lakh Thirty-Six Thousand Only). The duration of the project will be for one year (2022-2023). The copy of the letter received from M/s KSKKSSKL is attached herewith for your kind information. The project will focus on evaluation of pilot scale plant performance of developed potash recovery method.

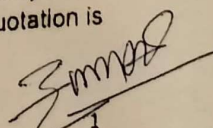
The first installment of payment of Rs. 50.00 Lac has been released by M/s Karmaveer Shankarrao Kale SSK Ltd. in the first week of January-22. The total cost of the pilot plant project is estimated to be around Rs. 115.06 Lac and the details are attached herewith along the Note submitted for approval seeking financial sanction of deficit amount for this project, dated 18/12/2021. The same is also attached herewith for your kind reference.

As the period of the project is only one year, the project related work has to be expedited. We have already initiated the process for purchase of pilot scale plant equipment & machinery, and placed our enquiry with different Vendors. The status of equipment purchase is as follows:

Sr. no.	Equipment / Instrument / Work	Status	Estimated Cost
1	Sucrose Ester Boiler Repair	PO released	Rs. 35,000/-
2	Purchase of RO unit for Boiler	PO on hold (common provision for RO water under consideration)	Rs. 1,00,000/-
3	Purchase of Ion electrodes	Approved & Indent is submitted	Rs. 3,00,000/-
4	Purchase & Installation of Pilot scale evaporator and dryer along with existing plant modification.	Submitting for Approval	Rs. 60,00,000/-

The technical specifications for pilot plant are attached herewith as Annexure-I. We have received one offer from Raj Process Equipment Pvt. Ltd., Pune. They have quoted the basic price of Rs.60,00,000/- (Rupees Sixty Lakhs Only). The quotation is




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attached herewith for your kind reference. Approval for the use of funds for the purchase of pilot plant equipment and related instruments from the funds received for the project is requested.

Your approval and guidance on the above stated matter is requested.

S. V. Patil
21/01/2022

(Prof. S. V. Patil)

Technical Adviser & Head

Department of Alcohol Technology & Biofuels

Encl:

1. Letter from M/s KSKSSKL
2. Note submitted to Director General dated
3. Annexure-I Technical details for Pilot plant equipment
4. Quotation received from Raj Process Equipment Ltd.

Submitted through:

1. Internal Audit Officer

2. Officer on Special Duty

The total cost of Project works out to ₹ 94.25 lakh capital + recurring expenditure ₹ 21 lakh Total ₹ 115.25 lakh. By using spares from sucrose ester plant etc. the capital cost can be reduced by ₹ 13 lakh. Thus the net Project cost is ₹ 102.25 lakh. Icaranvir Shankar Kale JSK agreed to provide funds of ₹ 50 lakh. The funds have already been received.

In view of above the provision of ₹ 52.25 lakh is required to be made from VSI funds.

In the meanwhile we may go ahead with procurement of plant by inviting offers.

Submitted for approval please.

Approved
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2



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