

Home (1917) Department.
(Education)

Ordinary SERIES.

G.O. No. 780

DATED 13-6-1917

INDEXED

[Despatch Abstract.]

Eastern Development Corporation, Bombay.

Requesting the Collector of South Kanara to inform the General Manager ——— that the plant at Kallianpur belonging to the Corporation is not required by the Government.

PAPERS PUT UP WITH CURRENT No. _____

Papers of the department to which the current belongs.

Number.	Date.	Original (= O.) or spare copy (= S.C.)	Remarks. (In this column such of the papers as have been removed for copying, printing, etc., should be marked with a cross.)	Initials of Referencer with date in token of return to Reference department.

Papers of other departments.

Department.	Number	Date.	Original (= O.) or spare copy (= S.C.)	Initials with date of (1) Referencer acknowledging returns of the paper concerned or (2) Despatcher to denote the return of the papers to the department concerned.

Home Est.

2-1

CN^o 971 EL

O.F.-29.

REVENUE DEPARTMENT.



Received 191 . Registered 1-3 1917

Subject.

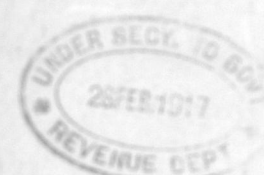
Plant.

Forwarding letter from the General Manager, Eastern Development Corporation Limited, Bombay enquiring if Government have any need of their extensive ----- at Kallianpur.

ENCLOSURES	
No.	One
Spare copies	0

Ref. P. R. No. 392/Rev/17.

Station Mangalore, Dated the 26th February 1917



From (Name) Lionel Vibert, Esquire, I. C. S.,
(Designation) Collector of South Canara.

To The Secretary to the Government of Madras,
Revenue Department.

Sir,

I have the honour to submit for the orders of ----- Government a letter received by me from the General ----- Manager, Eastern Development Corporation Limited, Bombay.

I have the honour to be,

Sir,

Your most obedient servant,

C. P. Malar Nair

For Collector.

M. S. R. /26-2.

26/2/17

2

3

The Eastern Development Corporation Limited.
(Incorporated in England.)

TELEGRAPHIC ADDRESS:
"Basrelief, Bombay."

TELEPHONE No. 366.

CODES:

A.B.C. 5th Edition
and Liebers.

LONDON OFFICE:
25 Victoria Street,
Westminster, S. W.

No. *g. m. 11*

P.R. 392
70, Apollo Street, Fort,
BOMBAY.

16th February 1917

From

R. G. L. Bennett Esq.,
General Manager,
Eastern Development Corporation Ltd.,
Bombay.

To

The Collector,
South Canara,
Mangalore.

Sir,

I have the honour to enquire if Government have any need
of our extensive plant at Kallianpur.

It is suitable for distillation of most things, acetone,
for instance, and as I am contemplating closing down until - -
things generally should improve I am prepared to hold it at -
the disposal of Government if they find they have any use for
it.

I have the honour to be,

Sir,

Your most obedient servant,

R. G. L. Bennett

Home (Eva) Dept.

[C.M. 971.]

Endt No. 971-

Referred to the officers in charge of the Dept. of Industries for remarks.

SK
1.3.17.
M
4/17

CU
3.3.17

The officer in charge of the Dept. of Industries for (with C.M. 971 in original letter.)

2nd copy
with
5.5.17

2

Home (Eva) Dept.
[C.M. 971.]

1.3.17

SK
1.3.17.
M
4/17

CU
3.3.17

4 C.M. 1946A

C.F.-29

DEPARTMENT.

4.5.17

Received

4-5-1917

191

Registered

191

Subject.

Regarding the machines belonging to the
Eastern Development Corporation Ltd. at Kallianpur.

4-MAY-1917

ENCLOSURES

No.

Spare copies

G. cur No. 46

Station Madras

Dated the 1st May 1917 191

From (Name)

C.A. Innes Esq., I.C.S.

(Designation)

Director of Industries.

To The Secretary to the Government of Madras,

Home (Educational)

Department.

Sir,

I have the honour to reply to Government
Endorsement No.971-1 dated 3rd March 1917 forwarding for
remarks a letter from the Eastern Development Corporation
Ltd. enquiring whether Government has any need for the
Corporation plant at Kallianpur in the South Canara District.

2. I wrote to the Manager for particulars of the
plant and was informed by him that the closing down of the
Corporation work in South Canara was only under consideration
and that nothing had been definitely decided. The Manager
added that if with Government assistance he could get a
priority certificate for the machinery required to complete
this plant the Corporation would proceed with its work. I

p. 3 bnfu

SK

have had no further communication from the Manager, but his application for a priority certificate has been ref^{used} (Vide G.O. No. 439 Financial Department (Separate Revenue) dated 5th April 1917), and it is probable that the plant is again at Government's disposal in accordance with the Manager's original offer. I do not think however that it is worth taking over. From the Manager's letter No. G.M. 33 dated 9-3-17, a copy of which was submitted to Government in the Financial (Separate Revenue) Department with my letter No. G.Cur. 170 dated 30-3-17, it appears that the plant is not suitable for successful extraction, and if the Corporation could not make a success of the business, I do not suppose that Government could. But if Government want an authoritative opinion, Sir F.A. Nicholson might be consulted, and he might be asked to send his Oil Chemist to report on the plant and the question of taking it over.

I have the honour to be,

Sir,

Your most obedient servant,

M. M. M.

Director of Industries.

p. 8980. A

Home (Govt) Dept.

Reas again

G.O. No. 439 dated 5-4-17.
Read also
C.N. 971. From the collector of S. Kanara
Ref 392 of the 26-2-17.

C.N. 1946 A. from the officer in charge of
the Dept of Ind. No. 469 of 1-5-17.

Memo. No. 1946 A-1 of 16-5-17

The papers read above are referred to the Honorary Director of Fisheries for favour of remarks.

8th
16-5-17.

16/5/17

16-5-17

Chief

G.O. No. 21-5-17

Depd with enclosures mentioned in the Despatch entry

The Hon. Director of Fisheries

(with C.N. 971 + 1946 A
original to be returned
+ copy of G.O. 439 S.R.
of 5-4-17 + of papers read therein)

Handwritten notes on the left page, including "Memorandum" and "The Fisheries Department".

Handwritten notes on the bottom left page, including "The Fisheries Department" and "Memorandum".

CONFIDENTIAL.

FISHERIES DEPARTMENT.

Home - Educn.

C.No. 2216A

Recd 11.6.17

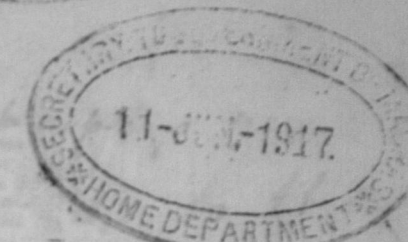
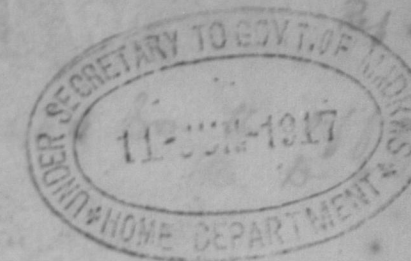
Received

191

Registered

191

Subject.



ENCLOSURES
No.
Pages copies

Dis No. 211

Station Madras, Dated the 9th June 1917.

From (Name) Sir F. A. Nicholson, K.C.I.E.,

(Designation) Honorary Director of Fisheries.

To The Secretary to the Government of Madras,
Home (Educational) Department.

Sir,

I have the honour to reply to Government Memorandum No. 1946 A-1 of the 18th instant (received 24th idem) regarding the advisability of taking over the oil extraction plant at Kalyanpur, South Kanara.

2. I am entirely opposed to any idea of taking over the plant for reasons both general and specific.

3. General. It is admitted by the Company that they cannot work the factory with its present plant, not merely because the plant is deficient in certain machines but because the solvent hitherto used (trichlorethylene) has been found unsuitable, and it is therefore proposed to use benzine of a particular quality. Now neither the new plant nor the benzine can be obtained at present; consequently the Company has ceased working. This being the case, how could Govern-ment

Handwritten notes on the bottom right page, including "p. 6" and "p. 878".

Government do any better? It is impossible for Government to obtain either the new machinery or the special solvent; consequently if Government takes over the plant it would find itself not one whit better off than the Company, i.e. it would be at a standstill with an unworkable plant on its hands, and no experience to guide it, either in the purchase of further plant, or in working it if obtained. Moreover, on general grounds, it is almost always inadvisable for Government to take over the plant and business of an abortive or dormant Company whatever the apparent reasons are for such failure; is Government likely to make a success where a business Company has failed?

4. Specific. This is a factory intended to obtain edible fats and oils solely by the extraction process; that is, it is a factory which obtains its oils or fats by using a solvent to extract the oil instead of presses to express it;

the solvent dissolves out the oil from the crushed raw material, and the extract (mixed solvent and oil) is then distilled so that the solvent, being highly volatile, is separated from the fixed oil and recovered, less loss, by condensation for further use.

(1) Firstly, I note that the plant was arranged for a well-known solvent viz. trichlorethylene which has here proved unsatisfactory for reasons which preliminary laboratory experiment would have demonstrated, viz. that it dissolves out from these seeds resins and other matter which unfit the fat for edible purposes. It is a curious commentary on the foresight of the Company that it should not have discovered this before setting up the plant, seeing that the preparation of an edible fat was the prime object of the operations, and I do not think that Government would be well advised to buy plant purchased under such circumstances.

(2) Secondly, the plant for trichlorethylene will have to be modified for use with "benzine" which it is now proposed to use, and it is quite a question whether it can be modified successfully or whether a totally different plant will not be needed, whether in material, character, or mode of operation. In fact this is admitted, and the alterations are said to have been mostly carried out, but it is

is evident that much is still needed, and we cannot be sure that the alterations will really have rendered the old plant suitable for the new solvent.

(3) Thirdly, it is said that a special "benzine" is needed which cannot now be procured, except by special distillation on the spot of ordinary "benzine". This alone utterly precludes Government from even considering the purchase of the plant. The word "benzine" is rather ambiguous; apparently by the "ordinary market benzine" is meant "commercial petrol" of 0.70 to 0.75 sp.gr. with a boiling point considerably above that of water; this is to be distilled to obtain the special benzine, probably that known as "petroleum spirit" or "petroleum ether" or "gasoline" of 0.65 to 0.68 sp.gr. with a boiling point of about 140° to 160° F. Now this petroleum ether is very volatile, and would be both wasteful and dangerous in this climate, since it boils at 140° F. so that a plant using this must be managed with the greatest care, knowledge, and experience if grave waste and serious danger of explosion are to be avoided. For instance, if in distilling off the solvent from the mixture of oil and solvent the heat is too considerable so that more vapour comes off than the condenser can liquify, a great deal of vapour may escape into the air causing great waste and imminent danger of explosion. Even with "Merz" extractors in which operations are conducted in a closed series, 1 per cent. of waste is allowed; ^{in Europe} how much more is likely in this climate with attendants more likely to be careless and inattentive than otherwise? One per cent. may not seem much, but on the quantities used it is heavy and runs into cwts. per 10 tons of seed extracted. The plant is said to consist of three units, each unit being capable of extracting 6 tons per 24 hours. I object altogether to purely extraction plant in this climate and with the labour available, since the European manager and engineer could not be always on duty.

(4) Fourthly, I do not know ^{where or} when Government would obtain the engineers and experts necessary for this process which requires close watching of plant, temperatures, extracts, &c.

(5) Fifthly, it is usually accepted that oils obtained by extraction are not suitable for edible purposes. Oils and fats are notoriously retentive of odours, and it is very difficult to obtain fats absolutely

10
- 4 -
absolutely free from traces of the solvent, especially since the solvent is apt to contain substances not volatile at the low distillation temperature and which consequently remain in the oil. Certainly the evidence is against the general suitability ^{for edible purposes} of oils or fats obtained by extraction. ~~for edible purposes~~

(6) Sixthly, it is a question whether the residual meal after extraction will find a market. I do not know whether the dupa meal itself, even if prepared by pressing or boiling, is edible by cattle; but even if edible, cattle will probably not touch extracted meal - unless it is deprived absolutely of every trace of benzine or its odour; even if cattle will eat it, it is doubtful if cattle owners will buy it, since extraction removes, or should remove, all but the merest traces of oil from the meal, which therefore lacks one essential of cake used as food for cattle. If it is only fit for manure, then it is a question whether it can find a profitable market. In the oil industry the cake is a most important element of profit.

(7) Seventhly, it is an Austrian plant and not British or American; hence is inadvisable.

5. I recommend that any offer to Government, should it be made by the Company, be politely declined. But I do not know that they intend to offer it.

6. As the Company seems to have large stocks of the raw material, these might be utilized in the indigenous fashion viz. by crushing, heating, and pressing, or by roasting, boiling, and skimming. I am negotiating for a few tons of fat for soap-making if the price is suitable having already used some in my soaps. The fat made by indigenous processes is used as an edible product in India.

7. I think this letter should be kept "confidential" as it deals with the plant and prospects of a private Company.

8. The enclosures received with the Government Memorandum are herewith returned.

A.K.S.

I have the honour to be,
Sir,
Your most obedient servant,
F. A. Viduon
Honorary Director,
Madras Fisheries.

NOTES.

Home (Edn) Dept.
 CN-971. From the collector of South Kanara,
 N. 392 of the 26.2.17
 1946 A. From the offices in charge of the Dept
 of Industries, Gen Ld of the 1.5.17.

Subject. Plant belonging to the
 Eastern Development Corporation,
 Limited, at Kallianpur in S. Kanara.

Please see Mr. Innes' letter on
 pages 4 + 5 of current file. It is
 for orders whether Sir F. Nicholson
 should be ~~also~~ consulted on the
 matter or whether the collector
 of South Kanara may be asked ^(at once)
 to inform the Manager of the
 Eastern Development Corporation,
 that his plant at Kallianpur
 is not required by the Govt.

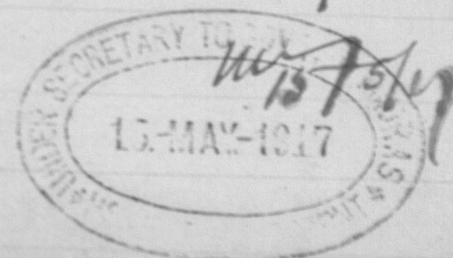
SK
 9.5.17.

13/5/17

S.

14.5.17

Mr. Su. Innes may be consulted



NOTES.

A draft memo is submitted for approval.

SK
16.5.17.
11/16/17

11/16/17
18.5.11

[Memo No 1946 A-1818. 5.17.]

CN 2216A. From the Hon. Director of Fisheries
Dr. No. 21189. 6.17.

5-7 to 10 of c.f.

5-7 of c.f.

the coll. forwards the
change letter to Govt.
(p. 1 of c.f.)

Sir Frederick Nicholson is entirely opposed to the idea of taking over the plant belonging to the Eastern Development Corporation at Kallianpur. Mr. Jones is also of the same opinion. The collector of S. Kanara may be informed that the plant is not required by Govt. A draft order is submitted for approval.

SK
17/6/17.

11/16/17

S. 11/16/17
13.6.17
13/6/17

Eastern Development Corporation,
Bombay

Requesting the collector of South Kanara
to inform the General Manager,
at the plant at Kallianpur belonging to the
operation is not required by the Govt. 191

READ ALSO:-

- C. No. 971, From the Collector of S. Kanara, No. 392, dated 12.6.1917.
" " 1946A " " Officer in ch. of 46, " the 1.5.1917.
" " 2216A " " Hon's Director of 211, " the 9.6.1917.
" " " " fisheries

ORDER.

His

No. 780, dated 13-6-1917

The collector of South
Kanara is requested to
inform the General
Manager, Eastern Develop-
ment Corporation Ltd.,
Bombay, that the plant
at Kallianpur belonging
to the Corporation is not
required by the Govt.

SK
12.6.17
AM
12/6/17

13/6/17

To The collector of S. Kanara.
By The officer in ch. of the
Dept. of Fisheries (24)

Handwritten notes on the left page, including "Eastern Bureau of Investigation" and "Bureau of Investigation".

Given for copying
 The copied *15/1*
 The examined *15/1*
 The signed *15/1*

RECEIVED G.O. No. 191 DATED

CURRENT No.

ENCLOSURE TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT OF THE DITTO

PAPERS NOT FILED UP, BEING MEANT FOR DISPATCH IN ORIGINAL.

N.E.-
 A = Copy in full.
 B = Not to be copied.
 P = Copy abstract only.
 Q = Copy heading only.

A A A A A A A