

Educational (1916) Department.

Mis SERIES.

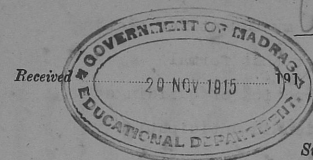
G.O. No. 704 - Ed

DATED 27-6-16

[Despatch Abstract.]

Approving the construction of a building
for the location of a large oil mill
as proposed by the Director of Industries

DEPARTMENT.



Received

20 NOV 1915

Registered

1015

Subject.

Oil Factory.

Requesting formal sanction for the construction of--

ENCLOSURES
No. <u>Nic</u>
Spare copies

No. E 15Station Madras, Dated the 17th November, 1915From (Name) K. T. B. Tressler, Esq.,(Designation) Director of Industries.To The Secretary to the Government of Madras,
EDUCATIONAL Department.

Sir,

I have the honour to invite attention to my letter and G.O. 158 E.L. 4/12.15 sanctioning the purchase of an oil plant. In that letter I explained that in addition to the purchase of machinery, ^{drawings} ~~drawings~~ would have to be made for erection and building--items which ~~were~~ estimated at Rs.1,500/- and Rs.20,000/- respectively.

2. At that time I had not received working drawings, and I could not accurately estimate the cost ~~re-~~ ^{re-}quired for erection. Since receipt of these I find that a good deal more will have to be allowed; say Rs.2,500/- In addition ~~drawings~~ ^{drawings} will have to be constructed at a cost of about Rs.1,000/-.

There was no separate estimate for drawings.

SK

3. On the other hand by effecting economy as far as possible I managed to reduce the cost of building to Rs.15,000/-. I have made provision in my budget for meeting the expenditure contemplated and request that formal sanction may be accorded for the construction of buildings.

4. I have had to start construction in anticipation of sanction, as a part of the machinery has arrived and some more is expected very shortly. In the present rainy weather it is imperative to get it under shelter as soon as possible, and as the machinery is bulky I have no place to store it except in the buildings intended for it: I have been unable to work out an estimate before as I only received the drawings from the company quite recently and pending receipt of these it was clearly impossible to work out details.

I have the honour to be,

Sir,

Your most obedient servant,

A. Resat
A. Resat

Director of Industries.

Edl. Department
[CN 4101]

Memo No 4101-2 Edl
18.12.15

With reference to his letter No E15, dated the 17th November 1915, the Director of Industries is requested to submit at once preliminary plans & estimates of the oil factory building so as to give Govt a general idea of the structure and particulars regarding nature of soil and foundation.

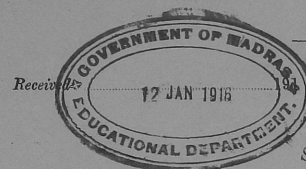
SK
16.12.15.
SK
10.12.15

8
11.12.15

Notes in co. J. 1915
19/12/15

To The D.I. 13.12.15

DEPARTMENT.



Registered 12 1 1916.

Subject.

Enclosing plan and estimate of the
proposed oil Mill factory, Washermanpet.

ENCLOSURE	
No.	2 Estimate
1 Plan	
Spare copies	

No. E 15

Station Madras, Dated the 10th January 16 191

From (Name) K. T. B. Tressler Esqr.,

(Designation) Director of Industries.

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

Sir,

With reference to the Government Memorandum
No. 4101-2 Bd. d/13-12-15 I have the honour to
enclose herewith the plan and estimate of the
proposed oil mill factory buildings at Washermanpet.

I have the honour to be,

S i r,

Your most obedient servant,

A. M. S.
7.1.16.
Director of Industries.

page 3 Impsa

Note by the Chief Engineer, P.W.D.

No.49 D, dated 4-5-26.

The Director of Industries submits for sanction a plan and two estimates amounting to Rs.16,600 for constructing a building for an Oil Factory, and for erecting the plant at Washermanpet, Madras:--

The particulars of the estimates are as follows:-

	Rs.
1. Building for the Oil factory	15,000
2. Foundation & fitting up machinery	1,600

T o t a l	16,600

II (a). The plan and estimates have been scrutinised in the Chief Engineer's office, and it is observed that the rates for most of the items are very high. They have accordingly been reduced so as to agree with the current rates of the Presidency Division.

(b) The sizes of the girders over the opening at O have been increased from 8" x 4" at 18 lbs to 15" x 5" @ 42 lbs.

(c) By these alterations the amount of the estimates has been reduced from Rs.16,600 to Rs.14,700.

III. The dimensions of the iron members of the roof trusses are not shewn on the plan. They have now been figured in the Chief Engineer's office.

IV The uses to which it is proposed to put the room on the upper floor are not stated. The floor can support a live load of not more than 72 lbs per sq.foot. There is nothing to shew how this room is to be reached.

Rs 13,100 for item 1.
1,600 for item 2
14,700

1,900

V. The pressure on the soil below the stanchions marked S on the plan is about 2 tons per sft. As the surface soil consists of Municipal rubbish the foundations should be wider, and taken down to firm soil. The pressure on soil should be reduced to about one ton per sft.

VII. The object of building in the portion A B of the building and leaving B C D E F open is not understood.

VII. The position and the details of the staircase provided for in the estimate have not been shown on the plan.

VIII. With these remarks the estimates as altered in the Chief Engineer's office amounting to Rs.14,700 are recommended for administrative approval.

smm
16/5/16

E.W.

and Mr. Colby
below

Read Educational Dept

CR 4101. from the D. I. No. EIS 817. 11.11.15.

" 122.

"

" 810. 1.16.

Memo 4101-328/15 by 20.5.16

The plan & estimate for the construction of the oil factory ~~received~~ received from the Director of Industries have been scrutinized by the Chief Engineer & his remarks are embodied in his note No. 498, dated the 4th May 1916 (copy enclosed). The Director is requested to explain fully the necessity for a room on the upper floor referred to in para IV of the Chief Engineer's note and also to furnish information on the point raised in para VII thereof. He is also requested to report how much has already been spent on the work in the last official year and whether

page 7 & 8 of

he could find the whole
or any portion of the balance
from the current year's
budget and, if so, from
what sources. This reference
SK should be treated as very important.

19-5-16.

CR
19-5-16

The D. J.
with plaintiff
estimated
Copy of C. E. S. note

Noted in CB
22/5/16

54
25/5

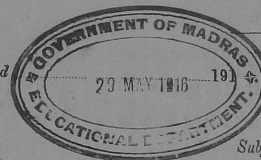
20/5

DEPARTMENT.

C.N. 1868 98

C.N.-29.

Received



Registered

29.5 1916

Subject.

Oil Mill, Washermanpet.

Returning with remarks the plans and estimates relating to-----

ENCLOS RES.	
No.	1 plan
	2 Estimate
	1 Note by Chief Engineer
Spare copies	0/0

No. E/5

Station Madras, Dated the 27th May, 1916.

From (Name) K.T.B. Tressler, Esq., B.Sc., A.M.I.C.E.,

(Designation) Director of Industries,

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

Sir,

With reference to Memorandum 4101-3 Edl. dated 20th May 1916, I have the honor to return herewith the plans of the Washermanpet Mill and remarks of the Chief Engineer thereon. The buildings are designed with reference to the machinery they contain. Approximate machinery plans have been furnished by the manufacturers for the purpose of design. They show that a platform is required to feed the press and this platform is "the room in the upper floor" referred to in the 4th paragraph of the Chief Engineer's letter. To reach this platform a staircase is provided, but the position is not shown because only approximate plans of the machinery have been

Hay C.F.

SK

-2-

received so far and it is only when details are available that a suitable position can be selected. There are about half a dozen different places where the staircase can be attached: indeed, it is not at all certain that it may not be more convenient to have a ladder.

2. Regarding the other remarks in the Chief Engineer's Memorandum, the object of constructing one part of the building completely and the other in part is because some parts require complete protection and others do not. Moreover, the machinery in the semi-constructed portion is only temporarily located there and, if extensions are made, it will have to be moved. The minimum amount of building is therefore shown so as to facilitate alterations.

3. The rates adopted are those quoted in the lowest tender received. Washermanpet is a difficult place to work in and I do not see how the rates can be reduced by the amount indicated in the memo. In any case, the work is already ~~being~~ done.

4. As regards expenditure, the total outlay during the year ending March 1916 is Rs.10,300/-. A further sum of about Rs.5,000/- will ~~have to be expended during the year~~ be spent in completing the buildings as far as possible pending the arrival of the balance of plant. Regarding this I have no information. The Rs.5,000/- I propose to meet from the allotment of Rs.15,000 provided for working expenses in the current year's budget, it being evident ^{that} regular work cannot be started before, say, October ^{the} at earliest.

I have the honor to be,

Sir,

Your most obedient servant,

[Signature]
Director of Industries.

NOTES.

Handwritten notes:
May 1915 year
No 46-17
(2nd 2nd Action)

Again G.O. No. , dated 191 .
Current No. , from the , No. , dated 191 .
Current No. 4101 from the D.I. , No. E15-, dated 17.11.1915.

SUBJECT.

Construction of an oil factory

The Director of Industries applies for sanction to the incurring of the following expenditure: -

Rs 3,500 for the erection of the oil machine
+ Rs 15,000 for the construction of buildings.

In his letter, dated the 28th January 1915 he stated that a sum of Rs 20,000 would be required for buildings etc., in connection with the oil machinery. The expenditure now proposed is within that limit & it may be approved. The oil mill is to be worked with the cooperation of Messrs. Best & Co., and under the terms agreed to by the firm, the buildings ~~erected~~ should be erected by Govt.

2. Mr. Greaser states that he has started the construction of buildings in anticipation of sanction as accommodation is urgently required. ~~There could be no objection in the circumstances stated, from his having begun the building. An application was~~

Rs 20,000 for erection of machine + 15,000 for buildings
35,000

para 2 of G.O. No. 13.2.15

para 4, page 2 & 3 of G.O. No. 443855
17.8.15

para 4, page 2 of G.O.

sanction for the work, no
 * regular plans & estimates were
 submitted by him for the approval
 of Govt. When in 1906 Mr Chatterjee
 proposed the construction of
 a tannery in Madras, he ~~sub-~~
 submitted plans & estimates &
 these were sent to P.W.D for
 sanction & very early execution.
 In the present instance, Mr
 Trecker explains that he was
 unable to work out an estimate,
 as he received the drawings
 from the company only recently.
 It is not known how he has
 begun to construct a building
 without a plan & estimate.
 At least some rough specifications of plans
~~of some rough specifications of plans~~
~~which have been made also the rough~~
~~estimate & estimate, it could~~
 not have been submitted to
 Govt. ~~for sanction~~ It is very un-
 usual to construct buildings
 before the plans & estimates
 are ^{ready} sanctioned by the proper
 authority. Mr Trecker has powers
 to sanction petty construction
 & repairs up to Rs. 2,500. As
 the buildings in the present case
 are estimated to cost Rs. 15,000
 the

Gr. No 118825
 5.12.06

page 2 of 4.

the plans & estimates should have come to Govt for sanction. It is for orders whether he may be asked to submit plans & estimates to Govt at once so that formal sanction may be accorded or his action may, as a special case, be approved. P.W.D may be SK consulted.

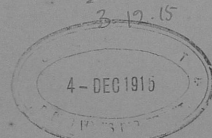
29.11.15
CR
21.12.15

I ascertained from Mr. Truster that he had started work without sanction and told him he must apply for it. This letter is the result. With T. W. D. kindly advise whether there are any immediate particulars which we should visit upon having in advance of a regular estimate and if so what they are?

SS
3.12.15

27/3/16 P.W.D. u.o.

Eolu 4101-1



SS
4/12
+ 9 fone 9816
27.12.15
L

Submitted that Educational may be asked to obtain preliminary plans or sketches and approximate estimate of cost in advance of regular detailed plans and

and estimates for the work.

less
7.12.15
1/16
8.12.15.

The above may be called
for from the Bureau.
What is wanted is a
general idea of the
structure & particular
upgrading nature of
soil & foundation.

ell
8.12.15

Cell no.

P.W. No 3577 ¹⁰¹³/₁₃ -1
8.12.15

Rac
4.12.15

SK

Noted in CR
10.12.15

Educational Dept

A draft memo to the Director of
Industries is submitted for approval.

SK
10.12.15
1/16
10.12.15

8
11.12.15

[Memo No 4101-2 Est. dy 13.12.15]

CR-12d. From the D.I., No E.15, of 10.1.16

page 4 of cp.

Mrs Dresser forward. plans & estimate
for

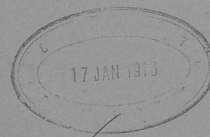
for the oil factory building.
These may, it is submitted, be
sent to P.W.D. for scrutiny at an
early date.

2. Mr. Treacher also sends an estimate
of Rs. 1,600 for 'machine foundation'.
This is apparently what he
described as the 'cost of
erection' in his original
letter. In the latter he stated
that nearly Rs. 2,500 would have
to be allowed for this item. Apparently
the estimate now submitted
is the one that should be sanctioned
by Govt.

Sd/
12.1.16. 8
12/1/16

PUBLIC WORKS DEPARTMENT.
C. NO. 198 W.K.S.
B.
DATE 19.1.1916

P.W.D. u.o.
to the Plans Committee



(link 1 plan)

No. 4107-1 Edt W.O.

15-1-16

13.1.16

This is still only an abstract estimate,
though it is more than two months
since construction was commenced.
Will P.W.D. kindly take the matter
in hand?

Sd/
13.1.16.

P.W.D. u.o.

15 Pro

Note by the Chief Engr. P.W.D. No. 49 Dg 4.5.16

#

D.S.

The plans and estimates submitted by the Director of Irrigation have been scrutinised in the Chief Engineer's office and the remarks of the Chief Engineer are contained in his note read above. It will be seen that the estimate amount has been reduced to Rs 14,700.

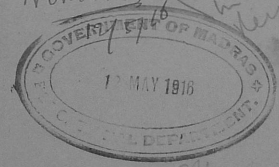
~~It is however submitted that the~~
 The Chief Engineer also considers that as Mr. Dwyer has apparently put the work in hand ~~and~~ he must be held responsible for all details and structural stability. With these remarks the case may be returned to E.O.L.

Visepoint K
page 20 F

P.W.U.O. No 3577
 Dated 11.5.1916

(492 cc 2 ph
det)

Notes in 19



S.K.

28
 4/5/16
 KL
 5.5.16

W. S. C.

Educational

Educational Deptt.

Phase see the Chief Engineer's note on pages 7+8 of current file. In para IV of the note it is remarked that the uses to which it is proposed to put the room on the upper floor are not stated. It is submitted that the necessity for a two-storied building for the oil factory is not ~~exp~~ clear. Mr. Treacher began the construction of the building in advance of sanction of the plan + estimate. It is not known how far he has progressed with the work. He stated recently that a portion of the machinery had not arrived. Apparently it has not yet been received as he has not yet written to the Govt ~~lettered~~ on the matter. It is for orders whether he may be asked to explain more fully the necessity for a room on the upper floor + also to furnish information on the point dealt with in para VII of the Chief Engineer's note or whether the plan + estimate may be approved.

2. It may be noted here that

para. 1, page 2 of Cf.

* in another connection.

page 8 of Cf.

Page 195082

there is only a provision of Rs. 15,000 in the current year's budget for oil experiment. This will be sufficient only for working expenses & cost of establishment. It may not be possible to meet the cost of construction of the building by reappropriation. The financial department will therefore have to be asked for an additional allotment for the purpose. But for ^{SK} before doing so, Mr. Tressler may be ₁₈₋₅₋₁₆ asked to state, while calling for information referred to in para. 1 supra, how much has already been spent on the work in 1915-16 and ~~how~~ whether he could find the whole or any portion of the balance from the current year's budget, and if so, from what source.

CA
19-5-16

Jos: and Mr. Linn
to treat the reference as
19

19.5.16

A draft memo is submitted for approval.

SK
19-5-16

CA
19-5-16

[Memo No. 4001-18 20-5-16]

CN 1868. From the S. I. N. E. 15 8/17-5-16.

pages 11 & 12 of it.

para 4, page 12 of it.

The Director furnishes explanation in regard to the point raised in the Chief Engineer's note on pages 9 & 10 of the current file. From his letter it is observed that the major portion of the work has been finished in anticipation of sanction that the ^{amount} ~~amount~~ ^(in the current year) that will be required \$12,000.00 can be found from the provision in the Industrial budget for oil experiment. It is therefore for orders whether the work may be formally approved by the Govt. The P.W.D may perhaps see the file before orders issue.

SK CR
20.5.16. 30.5.16

P.W. W
31.5.16.

1 JUN 16

4101-475
PUBLIC WORKS DEPARTMENT
C.N. 351 O.
Dated 2/1/1916.

W.

Please see the Chief Engineer note and the remarks of the Director of

of Industries at pages 7 & 8 and 11-12 respectively of the C.F. In the Assurances stated by him the C.O.L. Dept. proposes to accord formal sanction. The case may be perused and returned to C.O.L.

2/6

2/6

See

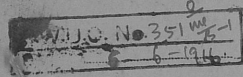
8/16

Educational in

Educational Dept.

A draft order is submitted for approval. It may be sent to the Financial Dept. for acceptance. The expenditure on the construction of the factory forms part of the expenditure on the oil experiment. It is therefore not clear whether the amount required in this case should be formally transferred to head "45 - Civil Works."

8K 8.6.16. 9.6.16. 9.6.16.



SK 7/6

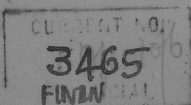
Notes in A.L.

7.6.16



201 no 410/- 5/15. 10.6.16.

* Expenditure on buildings is hereby met from the head



reqd 10.6.16.

Financial Dept.

It is proposed to sanction an estimate amounting to Rs 16,600 for constructing an oil factory at Washerman pet, Madras, as shown below:-

(i) Building for the oil factory	Rs 15,000
(ii) Foundation and fitting up of machinery	1,600
Total	16,600

2. The director of Industries has already started the work in anticipation of sanction and he explains in para: 4 of his letter on page 2 C.F. why this course was found necessary. It is submitted that Mr. Tressler who was formerly an Executive Engineer should have known that a building could not be started without plans and estimates duly sanctioned, and he could have obtained the drawings for the machinery in time for the preparation and submission to Govt. of the estimates. As a result of the irregularity, the Govt. have now to accept Mr. Tressler's estimate, instead of the Chief Engineer's, which involves an additional expenditure of Rs 1,900 due to the very high rates allowed for in Mr. Tressler's estimate.

Orders are solicited whether the irregularity should not be mentioned in the provision of funds.

Note para: 1 on page 7 C.F.
+ page 11-12 C.F.
of also note on page 9-10 to draft order.

2. An expenditure of Rs 19,200 has been incurred in the work in 15.15-16. (para: 4, page 12 C.F.)

para: II (a) + II (c) on C.F.; para: 3, page 12 C.F.

From.

For this I should, think to say. This is not the first time that Govt. have had to build at this T. for

3. The Director of Industries has incurred an expenditure of Rs 10,300 to the end of 1915-16 on the work, and proposes to spend Rs 5,000 during the current year apparently in addition to the expenditure of Rs 1,600 for erecting the plant (vide item (ii) in para: 1 above), which will be incurred later on.

The question of the debit of the expenditure in the present case has been raised in the Educational Dept. note on page 10 ante. It is submitted that though the buildings may form part of the expenditure on oil experiments, the charge is properly debitable to a Public works head, as in the case of the buildings erected for the chrome tannery. (vide G.O. No. 1188 Rev 3-12-06 and para: 4 of Finl. notes on page 5 of notes to G.O. ibid). As, however, the work is executed by the Director of Industries, the charge is debitable to the head 45-civil works. P.W.D. works in charge of civil officers acting as Public works Districts. The expenditure of Rs 10,300 already incurred in 1915-16 will have provision of adjusted by the A.G. in the ac funds.

para: 4, pag. 12 C P

para: 4, pag. 12 C P

para: 382 (a) of the
Treasurer's Manual,
Vol. II.

para: 4, pag. 12 C P

Yes, and he might
have something to
say about it. in his
report.

K The year 1915-16 under the head referred to above. As regards the current year, on receipt of a copy of the Educational Dept. proceedings on this case, a sum of Rs. 5,000 may be transferred from the head "26 B- Scientific and Miscellaneous Departments" to the head "45- civil works- P.W.D. works in charge of civil officers acting as Public works Disbursers".

4. It is not clear whether the cost of erecting the plant etc. (vide item ii in para: 1 above) should be debited to the head "26 B- Scientific & Miscellaneous Dept. - Miscellaneous" or to "45 civil works- P.W.D. works in charge of civil officers acting as Public works Disbursers". Submitted that the Acct- genl. may be requested to advise in this regard. He may also be requested to state if the view taken in para: 3 above, is correct, and if so, to take the necessary action with reference to the remarks at position K above.

13-6-16
14-6-16
I run time to think that this official should ask that some provision should be made, in the order, of funds.

cf. Para: 4 on page 12 C.F.

page 11 ante.

It may be that the cost of erecting the plant etc. should be debited to the head "26 B- Scientific & Miscellaneous Dept. - Miscellaneous" or to "45 civil works- P.W.D. works in charge of civil officers acting as Public works Disbursers". Submitted that the Acct- genl. may be requested to advise in this regard. He may also be requested to state if the view taken in para: 3 above, is correct, and if so, to take the necessary action with reference to the remarks at position K above.

Not necessary

as all this is in the order, of funds.

irregularities committed by Mr. Tansley in this case. I don't believe it will have much effect as this is certainly not the first time that Gal has had cause for complaint. During my short experience in I am had occasion more than once to ask Mr. Tansley to conform to accepted practice & regulate his procedure. He may leave the balance of the comment to be made to Educ. Dept.

C.S. 14.6.16

I agree with A.T. throughout
D. B. 16

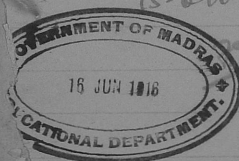
Educ. Dept.

Est Department

A revised draft order is submitted for approval.

SK [In another connection Mr. Concha has proposed that oil experiments should be transferred to the Indian Institute of Science, Bangalore. It is provisionally approved & appears therefrom funds.

File no 3465-1
15.6.16



Noted in C9
16.6.16

15/6

as such is to be one of the experiments to be entrusted to the Institute. Further the building in the present case is ~~almost~~ nearing completion and the present proposal of Mr. Conchman need not stand in the way of further progress with the building.

CA
29.6.16

HE

Draft for a/c.

Box No 12
22.6.16



21.6.16

P
24.6.16.

26.6.16

286

25

READ AGAIN G.O. No., dated 191 .

" " " " 191 .

READ ALSO:-

C. No. 4101, From the S. S., No. E15, dated 17. 11. 191³.

" " 122/16 " " " " 10-1-191⁶.

" " 1868 " " " " 27. 5. 191⁶.

ORDER.

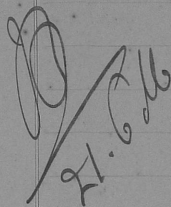
No. 704 Sd. mis 27. 6. 191⁶.

Mis

The Govt approve the construction of a building for the location of the large oil mill as proposed by the Director of Industries. 2. The action of the Director in having begun the construction of the building in advance of formal sanction ~~to the~~ to the plans & estimates there for was ~~irregular~~ irregular. 3. Further orders will issue in the Financial Deptt in regard to the provision of funds.

discreetly

funds for the work.
 8K
 19.6.16. CR
 19.6.16


 21.6.16

The D. I. (with plan estimate
 Int. Dept. (with copy
 of Int. notes)

21.6.16
 23/6

When given for copying
When copied
When examined
When signed

191

READ AGAIN G.O. No.
191

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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

N.B.-

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

A A A A A A A