

Educational (1912) Department.

ORDINARY MS.

G.O., No. 838

DATED 16.7.1912.

[Despatch Abstract.]

Grant Sanctioning a — not exceeding
Rs 24,67 or one half of the actual cost of
the work towards the cost of an installation
of oil gas plant & water service for the
laboratory of the Bakhariyappa College,
Madras.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

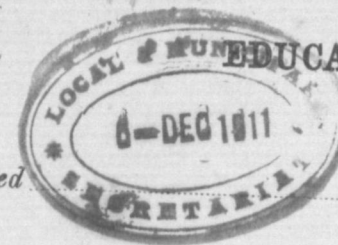
G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

L & M.
50
000-99-11-05.

Educational,
LOCAL AND MUNICIPAL DEPARTMENT.

Secretary

CURRENT FILE.



Received

191

Registered

612 1911

Subject.

Recommending that a grant of Rs 2,467/- may be sanctioned towards the cost of installation of an oil gas plant and water services for the laboratory attached to the Pachaiyappa's College, Madras.

ENCLOSURES.

No.

Spare copies

Ref on Current No. 2929/11

Station, Madras, Dated the 4th December 1911

From (Name) The Hon'ble Mr. A. G. Bourne, D.Sc. F.R.S.C.I.P.

(Designation) Director of Public Instruction.

To The Secretary to the Government of Madras, Madras

Educational Department,

Sir,

In continuation of my letter Ref on Cur No. 2929/11 dated 24th November 1911 and with reference to the last sentence of para 2 of my letter Cur No. 4596/11 dated 29th June 1911 I have the honour to submit the enclosed plans and estimates amounting to Rs 7,213-8-0 towards the cost of installation of an oil gas plant and water services for the laboratory of Pachaiyappa's College, Madras and to recommend that a grant not exceeding Rs 2467 may be sanctioned to be paid as funds become available on submission of the necessary vouchers by the correspondent.

3. The net cost of the gas plant, gas pipes and fittings and water pipes and fittings amounts to Rs 6,853-8-0. For these a third grant of Rs 2277/- is recommended. The net cost of the bunsen burners and rubber tubing amounts to Rs 380. For these a half grant of Rs 190 is recommended.

5. As the current year's budget

Sum 598
20-12-11 P

Sum 410
11-7-11

6,853-80
380

7,213-8-0

2277
190

been proposed to be fully utilized the above grant if sanctioned
can only be paid as funds become available .

4. It is requested that the enclosures may be returned
when no longer required.

I have the honour to be,

Sir,

Your most obedient servant,

R. G. Arive.

For Director of Public Instruction.

N.V.S.

fact
C

3

Educational Department

Case 3042 of 1911.

Memo. 3042-386.2.12

With reference to his letter
R.O.C No. 2929 / 11 dt 4th December 1911
submitting plans and estimates
amounting to Rs 7,213-8-0 towards
the cost of installation of an oil
gas plant and water services for
the Laboratory of the Pachayappa's
College, Madras, the D.P.I is requested
to obtain and submit to Govt. more
detailed specifications ^{with regard to} ~~such as~~ the
nature and quality of the
materials used in the various
component parts of the plant.

Leest
7/2
5/2/12

To, the D.P.I.
7/2/12

PP
5.2.12
5.2.12

from
5/2/12

EDUCATIONAL DEPARTMENT.

Received 191 Registered 4 3 1912



Subject.

Submitting with reference to Government Memorandum No. 3042 - 3, Educational, dated 6th February 1912 detailed specifications furnished by Messrs Mansfield & Sons of the oil gas plant installation for the laboratory of Pachai-appa's College, Madras.

ENCLOSURES.

No.

Ref on Cur No. 2929 / 11.

Spare copies

Station, Madras, Dated the 2nd March 1912.

From (Name) The Hon'ble Mr. A.G. Bourne, D.Sc., F.R.S., C.I.E.,

(Designation) Director of Public Instruction,

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

Su,

With reference to Government Memorandum No. 3042 - 3. Educational, dated 6th February 1912, I have the honour to submit the enclosed detailed specifications furnished by Messrs Mansfield and Sons of the oil gas plant installation for the laboratory of Pachaiyappa's College, Madras.

I have the honour to be,

Sir,

Your most obedient servant,

R. A. Arieve.

for Director of Public Instruction.

M. S. S.

CN^o 3042/11
684/12

Memo. no 684-2 dt 30.3.12

With reference to his letter No. 2929/11 dt 2nd March 1912 forwarding the detailed specifications furnished by Messrs. Mansfield & Sons of the oil gas plant installation for the laboratory of the Pachaiyappa's College, Madras, the D.P.O. is informed that the specifications ~~therein given~~ are inadequate for purposes of scrutiny. He is requested to obtain and forward to Govt. complete and detailed specifications for the several items noted in the accompanying list.

DDP CA
17.3.12 28/3/12

* attached. — [Copy of list on p 6 of notes]

To, the D.P.O. with a list

SSD
with list
2/4/12

EDUCATIONAL DEPARTMENT.

No 1457

Received 191 Registered 18-5-1912.

Subject.

Submitting the accompanying letter of Messrs. Mansfield and Sons received from the Correspondent of the Pachaiyappa's College, Madras furnishing detailed specifications on the points noted by Government.

18.5.12

ENCLOSURES.

No.

Ref. on Cur.

No. 2929/11

Spare copies

Station, Madras, Dated the 5th May 1912.

From (Name) The Hon'ble Mr. A.G. Bourne, D.Sc.F.R.S.C.I.E.

(Designation) Director of Public Instruction,

Madras.

To The Secretary to the Government of Madras,

Educational Department,

Su,

With reference to Government Memorandum No. 684-2, Educational dated 30th March 1912, I have the honour to submit the accompanying letter of Messrs. Mansfield & Sons received from the Correspondent of the Pachayappa's College, Madras furnishing detailed specifications on the points noted by Government. The plan of the company referred to in their letter has been submitted to Government with my letter R.C. No. 2929/11, dated 4th December 1911.

I have the honour to be,

S i r,

Your most obedient servant,

R A Arive

P.V.S.

For Director of Public Instruction.

PR

15.5.12

C.No. 1451.

9

Memo. No/451-250/14-8-12

With reference to his letter
R.O.C No. 2929/11 dt 15-5-12 furnishing
detailed specifications of the oil gas
plant installation for the laboratory
of the Pachayappa's College, Madras,
the D.O. is requested to ascertain and
^(at an early date) report whether the professor of
Science is satisfied that the gas will
be delivered at the taps on the
benches at the pressure required.

PP Ad
13-8-12 12-8-12

14/8/12

ESPATCHED
15 AUG 1912
9/14

To, the D.O.

14/8/12

C No 2415

Received.....191 , Registered 6-9-1912

Subject.

oil gas plant - Reporting that the installation of the
 _____ at the Pachaiyappa's College is stated to
 be working satisfactorily and that the Director
 accorded sanction for the installation of the plant
 without prejudice to the question of grant.

ENCLOSURES.

No.

Spare copies

Re No. 2929 of 11

Station M A D R A S Dated the 4th September 1912.

From (Name) The Hon. Mr. A. G. BOURNE, D.Sc., F.R.S., C.I.E.,

(Designation) Director of Public Instruction, Madras.

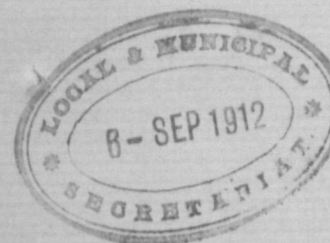
To the Secretary to the Government of Madras,
 Educational Department.

Sir,

With reference to Government Memorandum No. 1451 - 2
 Educational, dated 14th August 1912, I have the honour to
 state that the Secretary to the Trustees of Pachaiyappa's
 charities informs me that the Professor of Physical Science
 of the Pachaiyappa's College, Madras, reports that the gas
 plant has been working for more than two months and is
 giving perfect satisfaction.

2. I beg to state that I accorded sanction to the
 installation of the oil gas plant without prejudice to the
 question of grant as the secretary reported that the supply
 of gas was urgently required in the college laboratory for the

efficient



1-25 CF.

RGR

279

11

efficient teaching of science under the present University Regulations.

I have the honour to be,

Sir,

Your most obedient servant,

R. G. Grieve

For Director of Public Instruction.

K.V.P.

49.12

NOTE FILE.

12

C. No. 3042 From the P.P.G. No 2929/11 dated 4.12.1911.

SUBJECT Application for a grant of Rs 2,467
from the Pachaiyappa's College, Madras.

The plans and estimate may be forwarded to
the P.W.D. w.o. for scrutiny.

3042-1
14.12.11
14/12

PR
14.12.11

PRM
10/12/11
P.W. Dept. no.

P.W.D.

For the Secretary

15 DEC 1911

P.W.U. & R.P. 2082
Dated 15 DEC 12-11

Educational may
be informed that unless the Pachai-
yappa's College authorities have any
special reason for preferring the Mansfield
system, a tender might be called for from
De laitte and Co., whose work is more likely
to give satisfaction and that in either case
a more detailed specification is advisable

12/1/12
12/1/12

18.1.12

Educational no

20 JAN 1912

PR

♥
Educational Department

It is for consideration whether, acting up to the suggestion of the P.W.D., the authorities of the Pachaiyappa's College may be advised to call for a tender for De Laithe & Co. As observed by Mr. Francis in his note on

H. p. 5 of G.O. No. 547 Dtdy 5-10-09 if the College has selected a Mansfield oil gas Apparatus when they could get a more satisfactory one from De Laithe & Co that is the affair of the College. It seems hardly necessary for Govt. to guide the tastes of private colleges in these matters. All that concerns Govt. is to see whether the plans connected with the apparatus selected by the College are suitable and if they are not, to call on the College authorities to remedy the defects and make it a condition for the payment of the grant. If this view is concurred in, the file may be returned to the P.W.D. for favour of indicating the lines on which more detailed specification of Mansfield Gas apparatus should be called for.

J. ^{PP}_{22.1.10} It was Messrs Mansfield who created oil gas plant at the Presidency College and there does not seem to be any objection to Pachaiyappa's College having its plant erected by the same firm. If this is approved, P.W.D. may be asked to indicate the lines on which a more detailed specification should be drawn up.

Re

22.1.12.

unless there are strong grounds for dis-
-trusting the work of the particular firm
selected by the college authorities, I don't
think Govt. can press the claims of another
firm as P.W.D. suggest.

Govt. will it suffice to say "a
more detailed specification" is required
without indicating, at least in general
terms, what further details are wanted.

re P.W.D. kind of note further in the
light of these two remarks.

LD.
24-1-12

P.D.S. a.o.

P. W. D.

The specification required should
There was no intention to press
the claims of another firm. The
intention was to give the best value
the benefit of the experience
of the P.W.D. in this matter -
By a more detailed specification
is meant that the nature &
quality of the materials used
in the various component
parts of the plant should



Sl. No. 3062-2

24-1-12

P.W.U.O. No. 221

Dated 25-1-12

25 JAN 1912

U.D.C.
D.R.

PR

PR

500

be given

2-2-12

Educational no

Educational Department

A draft memo. is submitted for approval

PP
S. 2-12

from
S. 2-12

[Memo No. 3042-3 dt 6.2.12]

From the D.P.G., No. 2929 dt 2nd March 1912

The detailed specifications furnished by the D.P.G. may be forwarded to the P.W.D. U.O. with reference to that department's note on the previous page.

PP
S. 3-12

from
6/3/12

to W. Dept.

P.W.D.

For the OS

The Chief Engineer, P.W.D. considers that the Specification now furnished cannot be called a detailed specification.

2. Pages 14, 15 and 19. of five only. the Component parts of (1) the producer (2) its connections and (3) fittings for gas holder. Pages 16, 17 and 18 of five or a little more detailed information about the plates, sheets, angles etc forming the gas holder bell and the steel tank, and the diameter & pitch of rivets

p. 12 of C.F.
p. 13 of C.F.

W. no 684-1
6.3.12
Leish 1/12
6/3

7 MAR 1912
PUBLIC WORKS DEPARTMENT

P.W. U.O. R No. 697
8-3-12

508

to be used on them. These do not give much the information on the lines asked for. 10

3. ~~It is desired to request a detailed specification~~, It would be advisable to call for ~~specifications~~ complete and detailed specifications for the various items as per list attached herewith.

us
15-3-12. Rh
15-3-12

W
23-3-12

Educational no

W. U. O. D No. 828
dated 26-3-12



PR
27/3

CR

Materials and Workmanship.

- (1) The nature and quality of the materials used in all the various component parts of the gas making apparatus, gas fittings and water supply fittings.
- (2) Main and Distributing pipes.
Nature of material, weight per ft. run and size.
- (3) Measuring Meter.
Necessity for or otherwise. Size, make, position.
- (4) Valves, if any, position and number.
- (5) Laying of pipes.
Demolishing and making good masonry, position to allow of repairs; fall to prevent water lodging
- (6) Outlet pipes, if any, position and method of fastening.
- (7) Method of attaching distributary pipes to walls and to fittings.
- (8) Pipes to be bent hot and without restricting area of section.
- (9) Drain cocks, position and number (if any)
- (10) Nature of jointing material and method of making.
- (11) Provision for inspection of main.
- (12) Painting pipes.
- (13) Nature of Test.

XXXXXXXXXX

$\frac{PP}{27 \cdot 3 \cdot 12}$
 $\frac{CA}{28 \cdot 3 \cdot 12}$

with the
many

From the a.p.g., R.O.C No. 2429 | 11 of 15-5-12.

PTD
22-5-12

25757

P.O. de pta

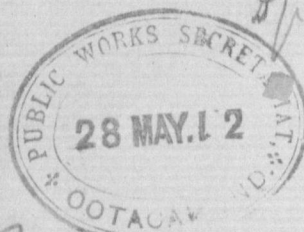
P.W. 2

D. 3

2 The file may be returned to

p. 21 of C.F.

Ed no. 1451-1
28-5-12



use
AUG 9 1964
MADRID

P. W. U. O. R No. 1273

Dated 29-5-12

8/16/87

live PN Reid 3/15

to the Educational Department with the above remarks.

MD

9.8.12

10.8.12

P.W.U.O.D No. 1851

Dated 12-8-12

72

Educational u.o.

Educational Department

A draft memo. is submitted for approval.

PP 13.8.12

CA 13.8.12

Done

14.8.12

[Memo. No. 1451-2 d. 14-8-12]

From the D.P.D., P.C. No. 2929 / 11 d. 4-9-12.

In the circumstances now reported, the grant applied for may be ^{sanctioned} ~~granted~~. The action of the D.P.D. reported in para. 2 of the letter ^(84.9.12) may also be approved.

2. A draft order is submitted for approval.

3. The D.P.D. recommended a grant not exceeding Rs 2,467, calculated at the rate of one-third for gas plant so and one-half for bunsen burners and rubber tubings. Under the revised rules a half-grant is admissible to the former also. The draft order proposes to sanction a grant not exceeding Rs 2,467 or one-half of the cost of the work, whichever is less.

PP 12.9.12

CA 12.9.12

13/12

pages 26 and 27 of C.F.

p. 26 of C.F.

p. 1 of C.F.

art. 54 (i) on p. 10 of G.O. 370 Dtd 1-5-12 (Z)

Pap er s to be read in Proceedings: -

Again G.O., No. , dated 19 .
Again G.O., No. , dated 19 .
Current No. 2042 From the S.P.G. , No. 2929/11 dated 4-12-1911 .
" " 684 " S.P.G. " 2929/11 " 2-3-12
" " 1451 " S.P.G. " 2929/11 " 15-5-12
" " 2415 " S.P.G. " 2929/11 " 4-9-12

ORDER. No. 838^{11/1}, dated 16-9-1912.

17/14/9
11/1

The Govt. sanction a grant not exceeding Rs 2,467 or one-half of the actual cost of the work, whichever may be less, towards the cost of ^{an} installation of oil gas-plant and water services for the laboratory of the Pachaiyappa's College, Madras.

2. The grant will be paid as funds become available on the submission of the necessary vouchers to the S.P.G.
P.P. The action of the S.P.G. in permitting the authorities of the school to instal the plant in anticipation of sanction to the grant is also approved.

P.P. 12-9-12 C.A. 12-9-12

18.

13/1

DESPATCHED
18 SEP 1912

11/1

To, the S.P.G. with the enclosures referred to
17/14/9 A.G. ✓

AN ARABIAN G.O., No. 191, DATED

CURET. No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT.

LETTER OF GOVERNMENT.

STATEMENT WITH DETTO.

COPIES NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

A	A	A	A	A	A	A
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A = Copy in full.
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