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Sec. II-27-15,004

Education and Public Health

(1946) Department

SERIES

G.O. NO. 2458 Edn.,

2458 Edn

23/12/46

Dated

23-12-1946.

13

70652
Chin. Gov.
Long road

[Despatch Abstract.]

College-Presidency, Macao-Construction of additional block for chemistry
Department-Deferred.

Back Papers.

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

Further Papers.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
70	741	Edu	7-3-55				

From Education Department.
Dr. S. R. U. Savor, M.A., D.Sc., I.E.S.,
Director of Public Instruction, Madras

To The Secretary to the Government of Madras,
Education and Public Health Department,
Fort St. George, Madras.

R.O.C.No. 6403-G3/46 dated 18th September 1946.

Sir,
Buildings--Presidency College, Madras--Construction of
an additional block for the Chemistry Department--
Proposals--Submitted.

I have the honour to submit herewith a proposal for the
construction of an additional block for the Chemistry Depart-
ment of the Presidency College at an approximate cost of
Rs. 1,78,000/- for consideration in connection with Part II
of the Budget Estimate for 1947-48.

2. The strength in the several science classes of the college
has increased very considerably during the last two years, as
may be seen from the figures furnished below:-

	Inter	B.Sc. (Pass)	B.Sc. (Sub)	B.Sc. (Hons)	Post-Graduate
	Main	P & H.	Main	I	II
1944	180, 130	40, 30	65, 48	10, 6, 6	4, 2
	I II III IV	III IV	III IV	III IV V	
1945	240 180	40 39	68 60	10, 10, 6	4 4
1946	300 224	40 40	75 64	10, 10, 10	4 4

(b) The Junior Intermediate has been divided into 4
batches of 75 each for practical and into 3, for lectures,
as the Inter lecture hall cannot accommodate more than 150
pupils at a time. In the same way the senior Intermediate
and Subsidiary classes also are working in batches and
Saturday classes have therefore become a necessity. With the
separation of the common classes held hitherto for the B.Sc.
(Pass and Hons.) as insisted on by the University the work
has increased by 7 hours a week, with the result that both
the Inter and B.Sc. lecture halls are almost always occupied,
with one class following another and very often, arrangements
made for lecture-demonstrations for one class have had to be
disturbed before the demonstrations are completed. Besides the
number of Assistant Lecturers has been increased and they
have to be provided with private rooms. The provision of
additional accommodation has thus become imperative. I also
submit herewith an extract from the letter R.C.431/46 dated
5.9.1946 of the Principal, wherein he has explained in detail
the immediate necessity for an additional block and how it is
proposed to be utilised.

(c) The new block is proposed to be constructed parallel
to the existing Intermediate laboratory and connected to the
Intermediate laboratory and connected to the Intermediate
laboratory on the first floor. A rough sketch plan showing
the location of the proposed block is enclosed herewith. A
rough estimate for the work, amounting to Rs. 1,78,000/-
prepared in consultation with the P.W.D. is also submitted. It
is proposed to provide in the new block, another laboratory for
the Intermediate on the ground floor, with a separate laboratory
for the subsidiary students, a lecture hall and a micro-chemical
laboratory on the first floor.

I am convinced that the proposed additional block

for the Presidency College is essential, and therefore recommend that Government may be pleased to approve of the scheme and provide necessary funds for the same in the Budget Estimate for 1947-48.

I have the honour to be,
Sir,
Your most obedient servant,

For Director of Public Instruction.

ks. 19-9. Extract of letter R.G. 431/46 dated 5th September 1946 of the Principal, Presidency College, Madras.

If the Intermediate course is to be continued in the College, it is high time that a further extension is thought of, if work is to be conducted on a satisfactory basis. I propose that a block parallel to the present Intermediate laboratory be constructed and connected to the B.Sc. laboratory on the first floor by a covered passage just above the steps leading to the Intermediate laboratory. This will be a long way to relieve the congestion meeting the immediate needs and would provide also for future needs. In the remodelled course for the Intermediate, practical work is bound to play a great part as the candidate has to take a practical examination of three hours duration with a separate minimum. In the proposed extension, there will be an additional laboratory for the Inter wherein practical classes for four days in the week and on the first floor there will be an additional laboratory for the Inter wherein practical classes for four days in the week and on the first floor there will be a separate laboratory for the Subsidiary for 40 students, a much needed lecture hall for compact classes, a special laboratory for micro-chemical work which has become an integral part of advanced courses of studies in chemistry. In view of the introduction by the University an M.Sc., Degree by examination also coming into force immediately, the proposed extension will be highly welcomed.

The proposed extension will have on the ground floor another laboratory for the Intermediate, exclusively, in which it is possible to have 160 cupboards on double workbenches (20). With this arrangement the defects pointed out could be remedied.

1. The Junior Intermediate usually having the larger strength will be working in the new laboratory in four batches of 75 each and one cupboard being shared by two students. In the existing laboratory there were only 128 cupboards and 64 students only of the II Class can work at a time. The extra students of the II Class will be accommodated in the extension.

The total number of hours for which the new laboratory will be engaged comes to 20 hours per week.

Preparation for the four batches 4 hours
Actual working hours for I Class 8 hours
Do. for II Class 8 hours
(Extra students)

Total. 20 hours

The remaining of the II Class will work in the old laboratory in four batches with 64 in each batch.

2. At present four students hold one cupboard in common leading to a large degree of irresponsibility in the matter of acknowledging breakages and in spite of great vigilance the task of assigning unacknowledged breakages is becoming increasingly difficult. The University will not permit the ownership of a single cupboard by four students.

3. The extra number of students in each batch of the I and II Classes is having the practical in the small laboratory, attached to the Geology laboratory, the strength in each batch being about 16. Great difficulty is being experienced in the matter of transport of apparatus and reagents from the chemistry end to the Geology Department which is nearly a furlong away. We are obliged to arrange for practical work there, suiting to the convenience of that department and are consequently forced to work on Saturdays both morning and evening.

4. An off day for the laboratory will be possible only if Saturday classes are dropped, which is not possible now. In Chemistry laboratory, of all science laboratories, there is plenty of cleaning work to be done which if neglected would lead to a ruinous condition of the work benches. On Saturdays, the balances will also be cleaned and tested and other arrangements conducive to efficient work can be made.

5. The difficulties now existing in getting a satisfactory time-table can also be overcome and simultaneous practical classes for the I and II Classes can also be arranged.

6. In view of the proposed practical for the Intermediate coming into force from this year, it is possible to have a three hour practical for the II Class, instead of the two hour practical as at present.

First Floor:

1. A much needed lecture room to accommodate compact classes of not more than thirty to forty students is provided and in view of the possibility of opening the newly instituted M.Sc., Degree by examination, likely to come into force next year, this lecture room will be badly needed. The two existing lecture halls are engaged for 16 and 17 hours in the week and we find it impossible to secure a lecture hall for holding special classes which we might wish to do, to make up for loss of classes through holidays. The new lecture hall will be exclusively for the Honours students (who are now having separate classes) and also for the M.Sc.

Number of hours for which the lecture hall will be engaged comes to 14 hours per week.

IV Honours	5 Hours
B Honours	5 Hours
M.Sc.	4 Hours

14

2. Separate laboratory for the Subsidiary for 40 students

As the strength in the B.Sc. (Main) has increased to 40 in the III as well as the IVth there are only sixteen seats available for the subsidiary students of the III Year since they have simultaneous classes with the III or IV Main. We therefore have four batches for a strength of 75, Saturday classes becoming a necessity.

The practical for the subsidiary can be held entirely in the new laboratory.

Preparation work 6 hours (III Sub 2 batches of 2 hrs each
4 hours

practical work 12 hours (IV Sub 2' batches of 4 hours each
8 hours

Total .. 18 hours

The present B.Sc. laboratory will be kept entirely for the Main B.Sc., the strength of which can be raised from 40 to 56, and the class can be divided into two batches of 28 each with the possibility of holding simultaneous practical classes.

The total number of hours for which it will be engaged comes to about 22 hours.

A micro-chemical laboratory is located herew and it be almost always be in continuous use by the M.Sc., students.

/True Extract/.

For Director of Public Instruction.

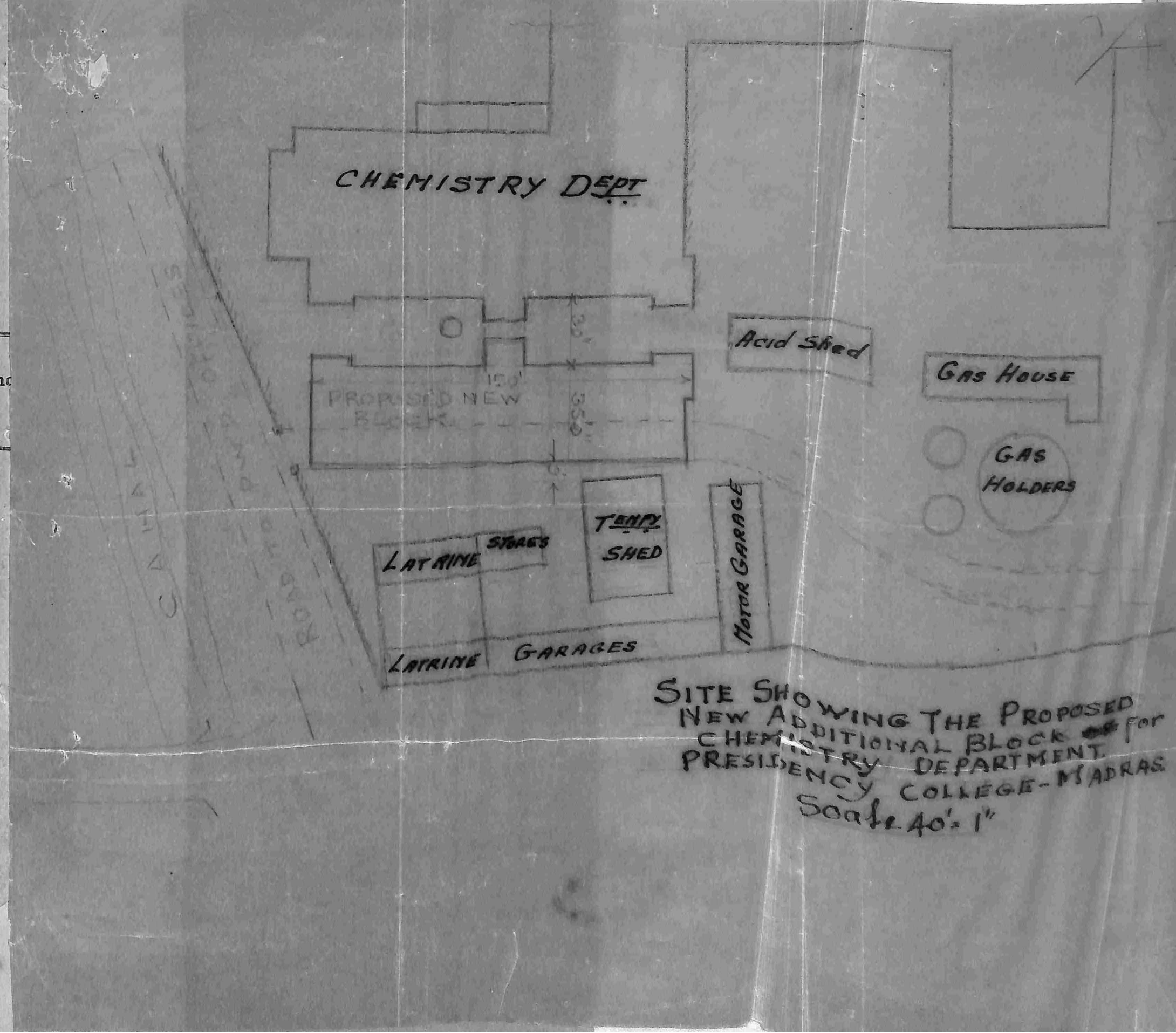
Rough Ceiling 7'	
additional blocking & lath	
2" x 4" studs & lath	4
area of structure is 50' x 35'	
= 5250 sq. ft. @ \$25 / sq. ft.	131250 /
Electrical stuff	10000 /
work benches etc.	10000 /
gas and water stuff	5000 /
insulation	5750 /
high speed sprayer etc.	8000 /
centrifugal pump	
superheater	8000 /
Total B.	1,78,000 /

Section--

Month--

Name of work--

Monthly Account of receipts, issues and
balances of materials at site of work.



CHEMISTRY DEPT

account of receipts, issues and
of materials at site of work.

LABORATORY

SHED

LABORATORY

GARAGES

LABORATORY

SITE SH
NEW A
CHEM
PRESIT

32/29/46

Edn and P.H. (A.)

Memorandum No. 55703 A/46-2 Edn. dd. 28 1946.

Part II Scheme - 1947-48 - Buildings - Presidency
College, Madras - Construction of ~~an~~ additional block for ~~the~~
Chemistry Department.

From the D.P.I. Rec. No. 6403/46, dated 18.9.1946.

The D.P.I. is informed that sufficient funds will not be
available ^{in 1947-48} to finance building schemes involving large expenditure
in 1947-1948. He is, therefore, requested to limit his pro-
posal for the construction of an additional block for the
Chemistry Department of the Presidency College, to ^{immediate} ~~the nearest~~
minimum ~~present~~ requirements, omitting provision for all items
relating to future needs and submit revised proposals at an
early date. The revised scheme should be so designed that it
will be possible to make further extensions in future, if
necessary.

To the D.P.I.

✓
D.P.I.

17.11.46

10/10/46

Rec.No.6403 G3/46.

Office of the
Director of Public Instruction,
Madras, Dated 18-11-1946.

From

Dr. S.R.U. Savor, M.A., D.Sc., I.E.S.,
Director of Public Instruction, Madras.

To

The Secretary to Government,
Education and Public Health Department, Madras.

Sir,

Sub:- Buildings - Presidency College, Madras - Construction
of additional block for chemistry department.

Ref:- Government Memorandum No.55703 A/46-2 Edn.,
dated 28-10-1946.



With reference to Government Memorandum quoted above, I have
the honour to submit herewith a copy of letter from the Executive
Engineer, No.931 M., dated 11-11-1946 addressed to the Principal,
Presidency College. The proposed additional block for the Chemistry
Department of the Presidency College will be limited to ground floor
only, at present, with a strong foundation to take up a first floor
later on. The cost of the scheme will now be, as shown in the
Executive Engineer's letter Rs.94000/- only.

I request that Government may be pleased to accord their
approval to this revised Scheme.

I have the honour to be,
Sir,
Your most obedient servant,

[Signature]
18/11

for Director of Public Instruction

m.k.18/11.

Copy of letter N.931 M., dated 11-11-1946 from the Asst. Engr.,
P.W.D., South East Sub Division Chepauk, Madras to the
Professor in charge of Principal's duties, Madra.

Ref:- Your letter No.Rc. 431/46, dated 7-11-1946 addressed to the
Executive Engineer, South Presidency Division

Sub:- Construction of Additional Block for Chemistry Dept - Part
II Scheme.

As personally explained to the Professor, Chemistry, the
rough cost of the work of Constructing an Additional Block of
plinth area 5250 Sft. for the Chemistry Department with Ground
Floor only with a strong foundation to take up I Floor eventually,
will cost Rs.94,000/- as per details given below:-

	Rs.
(1) Area of the structure 150' x 35' - 5250 S.ft. @ Rs.13-0-0/Sft.	68,250
(2) Electric fittings	L.S. 5,000
(3) Work Benches	L.S. 5,000
(4) Gas and Water fittings	L.S. 3,000
(5) Unforeseen charges	L.S. 3,750
(6) Fluctuation in market rates	L.S. 4,500
(7) Contingencies and Petty supervision charges	L.S. 4,500
Total	94,000

Sd...
Asst. Engineer, P.W.

True copy/

for Director of Public Instruction

DOPH(A)

118
4/2
College - Presidency, Madras - Construction of
addl. block for Chemistry Dept - Deferred.

C.N. 55703A/46 , From the DPI, No 6403-C.3/46 d. 18-9-46
" " " d. 18-11-46

C.O. no 2458
ms
Edn d. 23-12-46

The DPI is informed that
the proposal for the construction of an addl. block
for the Chemistry Dept of the Presidency College, Madras
should be deferred. He may, however, bring
forward the proposal for consideration in connection
with the Part II Estimates for 1948-49.

To
The DPI

2/12/46
21/12/46

ES
21/12/46
21/12/46

OSM
21/12/46

Part II Scheme - 1947-48 - Bldgs. Presidency College
Madras - Construction of an addl block for the
Chemistry Dept.

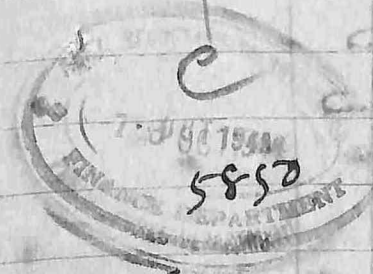
C.N. 55703 A/46, From the DPE, Rec. No 6403 - C3/46 d 18-9-46

In connection with the
Part II estimates for 1947-48, the DPE has
submitted a proposal for the construction
of an addl block for the Chemistry Dept
of the Presidency College, Madras at an
estimated cost of Rs 1,78,000 (rough figure).
He has fully explained the need for the
construction of the addl bldg. It seems that
a clear case has been made out for the
provision of addl accommodation in the
Presidency College. In view of this, the Director
of Prop. may be accepted.

PWD and Finance may see for

remarks

C.N. 55703 A/46
5-10-46



This department may also agree with
Ext. H. in ^{respect of} the proposal for the construction
of an additional block for the Chemistry
Dept. of the Presidency College, Madras, ^{being treated as a Part II scheme for 1947-48} with
these remarks the file may be passed on to
Finance.



PWD No 5850 C/46
10/10/46

9-10-46
8/10/46

10/10/46

10/10/46

Handwritten notes on the left page, including:
- "Construction of an additional block for the Chemistry Dept. of the Presidency College, Madras"
- "The DPE has submitted a proposal for the construction of an additional block for the Chemistry Dept. of the Presidency College, Madras at an estimated cost of Rs 1,78,000 (rough figure)."
- "He has fully explained the need for the construction of the additional building. It seems that a clear case has been made out for the provision of additional accommodation in the Presidency College. In view of this, the Director of Prop. may be accepted."

SOD. H. will presumably circulate the Ca

55703-A
4/12/46

to H.M. (Edu) and H.P.M. for orders whether the proposal should go forward as a Part II Scheme for 1947-8 with ref. to this Dept. of. with D.O. No. 46 (issued under the order of H.P.M. for construction of additional block for Chemistry Department of Presidency College, Madras at an estimated cost of Rs. 94,000, with provision to construct a first floor later on, if necessary. P.W.D. and Finance agree to the proposal. Finance however consider that orders may be taken in circulation whether the proposal should go forward as a Part II Scheme for 1947-48 with ref. to the note at (V).



The proposal is for the construction of an addl. block for the Chemistry Dept. of the Presidency College, Madras at an estimated cost of Rs. 94,000, with provision to construct a first floor later on, if necessary. P.W.D. and Finance agree to the proposal. Finance however consider that orders may be taken in circulation whether the proposal should go forward as a Part II Scheme for 1947-48 with ref. to the note at (V).

no 65416 REV
2/12/46
11/12/46

For orders as to circulation to H.M. (Edu), H.M. (P.W.) and H.P.M.

4/12/46
4/12/46

1/12/46

TSA
4-12-46
2/12/46
6-12-46

This may be deferred to the next year.

The file may be re-circulated to H.M. (Edu) and H.M. (P.W.) with ref. to the minutes of H.P.M.

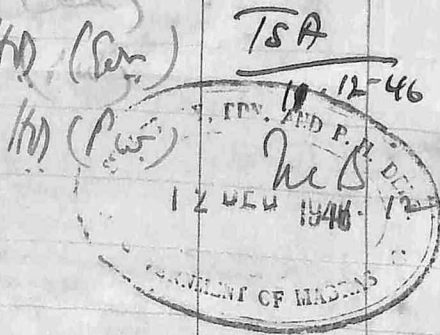
7/12/46



7/12/46

A draft order is submitted.

21/12/46



C.F. 33.

EDUCATION DEPARTMENT.

In reply, please quote number, date, and short title.

Received _____ Registered _____



From (Name) DR. S.R.U. SAVOOR, M.A., D.Sc., I.E.S.,

(Designation) DIRECTOR OF PUBLIC INSTRUCTION,

Post Box _____, (Station) MADRAS.

Telegraphic Address _____

To

The Secretary to Government,
Education and Public Health Department.

ROC. No. 6403G/46, dated 29th August 1947.

Sir,

Sub: BUILDINGS - Presidency College, Madras -
Construction of additional block for
Chemistry Department at an approximate
cost of Rs. 94,000/- Proposals - Submitted.
REF: G.O. No. MS. 2458 Education dated 23-12-46.

I have the honour to request that Government may be pleased to accord their administrative approval to the proposal for the construction of an additional

/P.T.O./

additional block for the Chemistry Department of the Presidency College, Madras, at an approximate cost of Rs. 94,000/-
Vide my letters Rc.No. 6403-G3/46 dated 18-9-46 & 18-11-46. disposed off in the G.O. quoted above - and to provide necessary funds for the same in Part II of the Budget Estimate for 48-49.

R. Narasimhan
for DIRECTOR OF PUBLIC INSTRUCTION.

Ram. 3/9.

sol
3/9.

Edn and P.H. Dept
Memo. No. 70452-2 (47) A Edn. & (12.12.47).

Presidency College, Madras - Construction
of an addl block for Chemistry Dept

Ref letter from the D.P.I. No. 64039/47
of 29.8.47

The D.P.I. is informed that the
proposal must be deferred.

1/10/12/47.

11/12/47

To the D.P.I.

Sub. college - Presidency, Madras - constr. of addl.
block for Chemistry Dept. - Part II Scheme.

Read: G.O. No 2458 Edn dated 23.12.46.

plc f c.no. 70452 from the D.P.I. No. 6403 G/ub dated 29.8.47.

(A) 1-40 f
The D.P.I. submitted a
proposal last year for the constr. of an addl.
block for the Chemistry Department of the Presidency
college, Madras at an approx. estimated cost of
Rs 1,78,000. But, when asked to restrict his
proposal to immediate ^{minimum} needs, he submitted a
revised proposal, limited to the ground floor
with strong foundations to take up a first floor
later on, if necessary, and this was estimated to
cost Rs 94,000. However, on the orders of the
previous H.P.M., even the revised proposal
was deferred. Now the D.P.I. renews the
proposal. ^{the budget} Since, as already stated, it is restricted
to immediate minimum requirements only, it
may be taken up as a Part II Scheme for 1948-49,
and necessary funds provided in the budget.

2. The remarks of P.W.D. and
Finance may be invited u.o. P.W.D. has been
referred to see that the file is passed on to
Finance before 1-11-47.

G.P. No. 70452-1/47 A
dated 27-10-47

This deptt may agree with EXPD Deptt at
'H' above and the file passed on to Finance Deptt.

P.W.D. U.O. No. 6153 9/11-1
29-10-47

Finance (B.E. II)

Part II Scheme for 1948-9

Construction of an additional block for the Chemistry
department of the Presidency College, Madras.
Approximate cost - Rs 94,000.

The proposal was brought forward for consideration

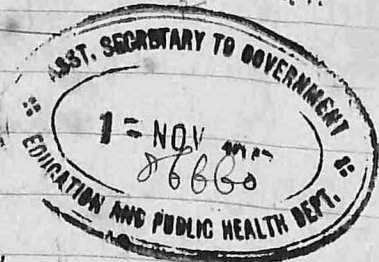
P.O.

as a Part II Scheme for 1947-8 but it was deferred. The D.P.I. has now renewed the proposal for consideration in connection with the Part II ~~Scheme~~ budget for 1948-9.

In view of the stringent need for economy only post-war development schemes, schemes relating to Grow More Food, remunerative schemes and schemes that are imperatively and immediately essential for the proper running of departments are to be considered as Part II Schemes for 1948-9. The proposal cannot be classed under any of the above categories. ~~for the present~~ The prices of building materials and cost of labour are now very high and ~~it is very desirable~~ that the construction of buildings should be deferred till the prices come down to a reasonable level. In view of this ^{and of the} fact that the cost of the proposed building is ~~very~~ large (Rs 94,000), Finance may advise that the proposal be deferred ~~for the present~~.

If, however, E. & P.H. wish to press the proposal, they may be requested to ^{indicate the necessary fully and} take orders in circulation including H.M. (Finance) and H.P.M. ^{as he wishes this will be considered for consideration as a Part II Scheme for 1948-49 or not.} (H.P.M. wishes to see all proposals for expenditure on buildings).

The note of Finance above maybe perused. They advise that the proposal to construct an addl. block for the Chemistry Dept. of the Presidency College, Madras at an estimated cost of Rs 94,000 may be deferred. As already stated, the proposal is intended to meet immediate minimum requirements. Attention is invited to para 2(b) of the D.P.I.'s letter on ^{existing} A/10. It is stated that the inadequacy of accommodation has necessitated the splitting of the Inter classes into so many batches, for practical as well as ^{other} reasons, with classes being held on Saturdays also; and that the lecture halls are always occupied, with one class following soon after another, and with lecture demonstrations being held for one class having had to be



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6/15
@ 9.1
2 rows with H. H. H. H.
Lx. 20

A21
C.V. S.I.P.

~~Copy~~