

Public Works (1898) Department.

✓ G.O., No. 1537 W

DATED 20 June 98

[Despatch Abstract.]

Reformatory School at Chengloput

Extraneous aggregating Rs 71280 for
alterations & additions to the
Sanctioned with remarks.

Estimates aggregating Rs. 71,280, for alterations and additions to the —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From the Consulting Architect to Government, dated 29th August 1895, No. 2143.
 " " " " " 20th " 1896, " 2659.
 From the Educational Department, dated 27th August 1896, No. 1734.
 From the Consulting Architect to Government, dated 15th September 1896, No. 3149.
 " " " " " 30th " " 3381.
 " " " " " 1st October " " 3410.

G.O., No. 727, Educational, dated 20th November 1896.

Read—the following papers:—

From the Director of Public Instruction, Madras, dated 16th May 1896, No. 5447.
 From the Public Works Department, dated 7th October 1896, No. 3534 C.
 From the Director of Public Instruction, Madras, dated 10th October 1896, No. 11032.

Order—No. 727, Educational, dated 20th November 1896.

The plans and estimates received with the Director of Public Instruction's letter, No. 11032, dated 10th October 1896, are approved and will be transferred to the Public Works Department.

(True Extract.)

(Signed) W. FRANCIS,
for Chief Secretary.

From the Superintending Engineer, V Circle, dated 20th May 1897, No. 83 W./C.
 " Consulting Architect to Government, dated 15th June 1897, No. 716.

From Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepak, 5th April 1898, No. 237 W.

With reference to your memo., No. 4202 C., dated 19th October 1897, and in continuation of paragraph 2 of my letter, No. 187 W., dated 17th March 1898, I have the honour to resubmit for sanction the enclosed revised estimate amounting to Rs. 71,000 for alterations and additions to the Reformatory school at Chingleput.

The longitudinal and cross sections of the road asked for are forwarded. A portion of the road, as shown, must be in embankment and the need of railings or some such protection along it might be considered.

A data sheet for the rate of earthwork allowed is forwarded: the rate works up to Rs. 9 per 1,000 cubic feet; but as the lead is great and all earth must be carried across the line of the South Indian Railway, it would perhaps be as well to keep to the rate of Rs. 10 originally entered, as there may be difficulties and delays with the South Indian Railway, which will increase cost of work.

I forward plan of cubicles in which angle and T iron take the place of all wood work now used.

The soil being of a very variable nature, full depth of foundation has been allowed, but when work is being executed, the foundation may be reduced if the made earth in places is found to be of less depth than that shown.

From the Educational Department, dated 23rd May 1898, No. 32 M.

Note by the Chief Engineer, Public Works Department.

In G.O., No. 727, Educational, dated 20th November 1896, estimates aggregating Rs. 64,929 for alterations and additions to the Reformatory school at Chingleput were approved in the Educational Department and transferred to the Public Works Department for disposal. These estimates were scrutinised by the Chief Engineer, and returned to the Superintending Engineer for alterations in certain technical details (*vide* memo., No. 4202 C., dated 19th October 1897).

2. The Superintending Engineer has revised the estimates in accordance with the suggestions of the Chief Engineer and raised the amount to Rs. 71,000. The estimates have been further increased in this office to Rs. 71,280 by the correction of arithmetical errors in calculations and are recommended for sanction.

3. All foundations should be carried down through the made earth to solid ground.

(Signed) W. B. DEWINTON,
Chief Engineer.

13th June 1898.

ORDER—No. 1537 W., dated 20th June 1898.

The estimates aggregating Rs. 71,280, as amended by the Chief Engineer, for alterations and additions to the Reformatory school at Chingleput, are sanctioned.

2. The sanction accorded in G.O., No. 1284 W., dated 19th May 1898, to the estimate of Rs. 5,210 for kitchens and godown, provision for which is made in the estimates now sanctioned, is cancelled.

3. A sum of Rs. 5,210 has been provided for the work in G.O., No. 1284 W., dated 19th May 1898. The question of augmenting this grant will be considered, after the demands for incomplete works of last year have been complied with.

4. Attention is drawn to paragraph 3 of the Chief Engineer's note read above.

5. The sanction accorded in paragraph 1 has been registered as Provincial No. 26 W. of 1898-99, and classified as Civil Buildings—Original Works.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, V Circle, with enclosures.

" Examiner, Public Works Accounts.
 " Educational Department.

Exd. T. K. Narayana Aiyangar.

Papers to be read in Proceedings:-

Again G.O., dated		189	No.
Again G.O., dated		189	No.
Current No.	6648	of 1895, dated 30 August 1895,	from the C.A. to Govt.
"	757	" 1896, " 21 do 1896,	" do
"	798	" 1896, " 27 do 1896,	" the Educational Deptt.
"	832	" 1896, " 16 September 1896,	" the C.A. to Govt.
"	881	" 1896, " 2 October 1896,	" do
"	886	" 1896, " 3 October 1896,	" do
"	886	" 1896, " 20 November 1896,	" the Educational Deptt.
"	10720	" 1896, " 21 May 1897,	" the S.E.P. Circle.
"	5012	" 1897, " 17 June 1897,	" the C.A. to Govt.
"	5893	" 1897, " 7 April 1898,	" the S.E.P. Circle.
"	3155	" 1898, " 20 Decr. 1898,	" the Educational Deptt.
"	4562	" 1898,	"
Print	Note by the Chief Engineer P.W.D. of 13.6.98		
	Order		

No. 1537 WD 20.6.98

962 1284 WD 19.5.98

Flag A

8.54
16.6.98

T 20.5.98
B 18.6.98

- The estimates aggregating ^{amended} Rs 71,280, as altered by the Chief Engineer for alterations and additions to the Reformatory School at Behinglepur are sanctioned.
2. The sanction accorded in G.O. No. 1284 W dated 19 May 1898 to the estimate of Rs 5210 for Kitchens and godown, provision for which is made in the estimates now sanctioned, is cancelled.
3. A sum of Rs 5210 has been provided for the work in G.O. No. 1284 W dated 19 May 1898. The question of augmenting this grant will be considered, after the demands for incomplete works of last year have been complied with.
4. Attention is drawn to para

para 2 of the Chief Engineer's note read above.

5. The sanction accorded in para 1 has been registered as Provincial No 26 W of 1898-99, and classified as Civil Buildings, Original Works.

W.H. 13.6.98

Map

Note

These estimates have been dealt with in the accompanying technical note and the note by the Chief Engineer.

W.H. 13.6.98

Map

The S.E. V circle with encls. 39
" Exar. P.W. Accts
" Educational Dept.

57/11/98

Quote - From the C.A. to Govt., No. 2143, dated 29th August 1895.
- do - Do - do - , No. 2659, dated 20th August 1896.
- do - From the Educational Department, No. 1734, dated 27th August 1896.
- do - From the C.A. to Govt., No. 3149, dated 15th September 1896.
- do - Do - , No. 3381, dated 30th September 1896.
- do - Do - , No. 3410, dated 1st October 1896.
Print From the Educational Dept., No. 727, dated 20th November 1896.
Quote - From the S.E., V Circle, No. 83 W/8, dated 20th May 1897.
- do - From the C.A. to Govt., No. 716, dated 15th June 1897.
Print From the S.E., V Circle, No. 237 W, dated 5th April 1898.
Quote From the Educational Dept., No. 32 M, dated 23rd May 1898.
Print Note by the Chief Engineer, P.W.D., dated 13th June 1898.

Print the
hatched
in below 12500 ft
19-5-98

Note by the Chief Engineer P.W.D.

In L.O. No. 727 Educational, dated 20 November 1896, estimates aggregating Rs 64,929 for alterations and additions to the Reformatory School at Behingleput were approved in the Educational Department and transferred to the P.W.D. for disposal. These estimates were scrutinised by the Chief Engineer, and returned to the Superintending Engineer for alterations in certain technical details. vide Memo. No. 4202 C dated 19 October 1897.

2. The Superintending Engineer has revised the estimates in accordance with the suggestions of the Chief Engineer and raised the amount to Rs 71,000. The estimates have been further increased in this office to Rs 71,280 by the correction of arithmetical errors in calculations and are recommended for sanction.

3 All foundations should be

+ Put up with another file

⊕ Flag B

be carried down through the made
earth to solid ground.

W. H. C. S.
E. W.

May

Public Works (1898) Department.

CURRENT No. 4562

From *The Educational Dept.*

Order

No. 32. *h.*

Dated *23rd May 1898*

Received } *25th 50*
Registered } *27. 5. 98*

Enclosures

Spare copies

SUBJECT.

*Reformatory School. Requesting
that the examination of the
plans & estimates for
additions and improvement
to the — may be undertaken
as urgent.*

BACK PAPERS.

No.	Date.
2489M	8-9-97
4202C	19-10-97
3419C	24-9-96
3306C	11-9-96
1004M	20-3-96

FURTHER PAPERS.

No.	Date.

G
78

5-11-96.

Educational DEPARTMENT.

OFFICE NOTE No. 32 No.

23^a
Dated 21st May 1898.

From

THE ~~CHIEF~~ SECRETARY, to Government,

To

Educational Dept.

THE SECRETARY, Public Works DEPARTMENT.

+ "Estimate is awaited"

The undersigned has the honour to point out that the remark against item No. 59 "additions and improvements to the Reformatory School" at page 24 of the civil works budget estimate circulated with G.O.No. 486W dated 25th February 1898 is incorrect. Plans and estimate for the work in question were approved and transferred to the Public Works Department in G.O.No. 727 Educational, dated 20th November 1896. In G.O.No. 2499 W dated 8th September 1897 it was stated that they were in the Chief Engineer's office awaiting examination; it is presumed that they are still in that office. It is requested that the examination of the above-mentioned plans and estimates may be undertaken as emergent.

S. S. Rohit

for Secretary to Government

21.5.98

Public Works Department.

Current No. 3155

Letter No. 237 W

Dated 5th April 1898

From the Superintending Engineer V Circle

NOTE BY TECHNICAL SECTION.

Name of work Alterations and Additions to the Reformatory school at Chingleput.

Amount of Estimate as received Rs 71000

as corrected Rs 71280

The Plans and estimates framed by the Consulting Architect to Govt with reference to G.O. No 1004 W dated 20th March 1896 and previous orders countersigned by the Director of Public Instruction and approved in the Educational Department were dealt with in this office (vide notes of the Technical section dated 15-9-97) and returned to the S. E. V O with No 4202 C of 19-10-97 for revision and resubmission. The statement below will show the amount of each of the works for which estimates have been received of late and now after revision.

Estimate received with T's note of 15-9-97	Estimate now received	Difference
680	610	-70
14735	20160	24
6880	7180	

- Providing windows to Sub jail to convert it into a Hospital
- Workshop and Dormitory over Rampart
- Utensil shed

The estimate, which the Educational Dept consider to be "marginal", is now be sanctioned. The P & W being attended to the points noted by this Office. The fund is allowed one crore, & the P & W that the defects may be reduced when the foundations are opened.

ACK

7-6-98.

The est. can be submitted for sanction. Any further alterations of funds will be considered when we have habits in the works.

all funders to be cleared in this office. The trade sent to the Chief Engineer.

H. H. H. H.
9.6.98

Former Estimate Differ
estimate now recd - ended
25295 27950

Converting Police guard in Sub jail into a Sailors shed	535	630	95
School house	8129	9200	1071
Kitchen with range	3272	-	-
Compound wall and roadway	7034	6930	- 64
Erecting 104 new Cubicles	9463	13850	4387
Latrine for 20 seats	852	970	118
Latrine for 16 seats	728	830	102
Quarantine shed	3032	3050	18
Latrine for H ^y Superintendent	387	490	103
Kitchen & godown for H ^y	1150	-	-
Stable and Coach house H ^y	915	1130	215
Blacksmith's shop	4137	6130	1993
Stonewall for separating the play ground of the Senior and Junior divisions	-	120	-

Total Rupees 64,929 71,280

Note. Estimates of and for Rs 3620 and 1590 respectively
have been sanctioned. vide 1280W of 18598.

Estimate (A) provides for removing the existing
small windows in some of the rooms in the
2nd floor of the Sub jail and substituting 11
new larger ones with iron bars and for painting
the same. The building will be put in order
by whitewashing where required.

From the statement above there is a decrease
of Rs 70 which is due to decreasing the rate of
1 sq foot of window from $1\frac{3}{4}$ to $1\frac{1}{2}$ rupees. This
rate of $1\frac{1}{2}$ Rs was entered in S. E. V. office finding
the rate entered by the Consulting Architect to Govt
in the former estimate too high.

An estimate for a new sub jail has it is said
in the margin of the report been submitted
to the Inspector General of Prisons and this is
to replace the one proposed to be taken up.

Estimate (b) The report accompanying the
estimate clearly explains the cause of the
construction of this building newly and the
arrangement for new Cubicles. After dealing
with this estimate (vide Technical note dated
15-9-97) the requisition in this office No. 4202 C
19-10-97 is to provide for wall plates under the joists in
the lower floor and for iron trusses with screw
tie rods. These have now been allowed in the
estimate but the great increase in the amount
between the former estimate and the present
one is owing to deviation in foundation both
in material and depth. A reference to the
former section of foundation and the present
one (Tracing No. 2) will shew that greater
foundations have been allowed with reference
to the nature of soil. Also owing to outer
dimensions in the present estimate for doors
and windows as per rule now in force.
The plinth area is 4405 Sq ft and the cost
per square foot is Rs 4-9-3 instead of
Rs 4-0-5 by the former estimate.

Very high
This is a 2-storied
building with deep
foundations. 9.6.8

Estimate (C) The report accompanying the
estimate explains the cause of constructing a
new Weaving shed and the Technical note
of 15-9-97 gives particulars of construction.
The requisition in this office No. 4202 C
19-10-97 is to provide for iron trusses with screw tie rods
instead of wooden tie beams of great lengths.
This has been complied with and in making
a fresh estimate it was found by S. E. V. to
provide for more foundations with ref to the
nature of soil than what was allowed in the
former estimate and to adhere to the order
in regard to outer measurements of doors & windows.
The increase between the former estimate and
the present one is Rs 300 only which is due to abor

The plinth area is 2821 Sq. ft. and the cost per Sq. foot is Rs 2-8-9 instead of Rs 2-7-0 by the former estimate.

Estimate (d) The existing Police guard room in the Subjail is proposed to be converted into a Sailors shed by lengthening the building. There was nothing very particular to note in connection with this except depth of soil and this has now been noted on the plan as req^d in this office No 4202 C of 19-10-97. The difference in amount between the former estimate and the present one is small and is due to change in foundation according to soil.

Estimate (e) The report accompanying the estimate explains the cause of constructing a new school house and the technical note dated 15-9-97 gives particulars of construction. In making a fresh estimate the depth of foundations was found to be increased with ref^d to the nature of soil, iron tie rods req^d to be provided instead of wooden tie beams and outside measurements of doors & windows adhered as per order in force - hence increase in the present estimate. The length of steps has been shortened as req^d.

The plinth area is 3500 Sq. ft. and the cost per Sq. foot is Rs 2-10-1 instead of Rs 2-5-2 by the former estimate.

Estimate (f) This was dealt with in this office note of 30-3-98 and the estimate sanctioned vide 1280 W of 13-5-98 for Rs 3620

Since sanctioned

Estimate (g) The estimate now rec^d is just the same as the former one with a very slight decrease in the amount owing to arithmetical calculations. Sections of the road have now been rec^d as req^d in the Memorandum as also data for earthwork at Rs 9 per 1000 cft. but the S. E. VO in his letter under reference requests to allow the rate of Rs 10 as formerly entered owing to difficulty and delays in the S. I. R. crossing.

Rs 10 can remain
with
9.6.97

Estimate (h) There was no plan received at first and the estimate for Cubicles was based roughly. In this office Memorandum No 4202 C of 19-10-97 a plan showing the arrangement of Cubicles was asked and the present estimate for 107 Cubicles (88 in Dormitory on top of Rampart and 19 in old hospital) is based on tracings now rec^d.

Estimates (i, j) These are two latrines one with 20 seats and the other 16 seats. The estimates have been returned for revision in order to add longitudinal partitions and the present estimates provide for the same - hence increase in both the estimates.

Estimate (k) has already been dealt with and particulars of construction noted. The estimate which was returned with others has now been rec^d unaltered except altering the total without much difference.

Estimate (l) has been dealt with and the particulars of construction noted. This had to be made fresh with ref^d to the nature of soil - hence increase in the present one. Plinth area = 163 and the cost per Sq. ft. is Rs instead of Rs 2-6-0 by the former estimate.

Estimate (M) was dealt with in this office note of 30-3-98 and sanctioned in G.O. No. 1280 W. 13-5-98 for Rs 1590

Since sanctioned

Estimate (K) was dealt with and the particulars of Construction noted vide Technical note dated 15-9-97. The estimate was required to be made fresh with increased depth of foundations as per nature of soil and ridge ventilators provided as ordered. - Plinth area = 489 sq ft and cost for 1 foot = 2-5-0 against 1-14-0 by former estimate.

Estimate (O) was dealt with and the particulars of Construction noted (vide Technical note dated 15-9-97). This estimate was required to be made fresh owing to the necessity of greater foundation with ref to the nature of soil. - also Angle iron furlins have now been provided instead of wooden furlins.

Estimate (P) is the same as noted in the last page of the Technical note of 15-9-97.

In the general abstract estimate it will be seen that there are 106 subheads and these - too many to deal with in the register of Rs even when some items costing Rs 200 or less are taken as one subhead.

It is always necessary to lessen the number of subheads as far as possible. Items 1, 28 and 50 can be made as one subhead and written thus Teakwood batten windows and ventilators with frames and iron bars including fastenings complete. - the rate being the same.

Items 2 and 35 are the same and need not be twice.

Items 3, 5, 8, 9, 10, 37, 46, 55, 58 and 97 are petty and unimportant items and can be made into one subhead by wording as follows and noting in the detailed estimates the

See note Memo No. 4625 C dated 10th Nov. 1897 when the opinion of E Es has been called for on the subject in regard to frame works.

The scantlings for roof timbers & the sections proposed for the inner timber are correct.

The plans & estimates are now in order.

9-6-98 1-6-98

description of works for the sake of execution of such and such works.

Items 16 and 17 can be made as one subhead as there is no difference in rate for the lower and upper stores.

Items 19 and 20 can be made as one subhead by striking the rate as Rs 190 when the work is proposed to be done departmentally. In the case of hoisting & fixing is to be done by Contract the 2 subheads may stand.

Items 29 and 92 can form as one subhead by one rate in Cubical Contents as there will not be much difference.

Items 40 & 54 can be made as one subhead by not describing in the abstract except in the detail estimates. The rate may be made uniform and written thus Cast iron shoes. There will not be any difference at all on the whole.

Items 53 & 94 can be made into 1 subhead by allowing one uniform rate as there will not be much difference.

Items 64 and 75 can be as one subhead the rate being the same by entering thus Plastering with Portland Cement 1/2 without saying in the abstract for walls or floors. If the rate for item 103 be made same as 11 there will not be any difference at all.

The plans have already been countersigned by the Director of Public Instruction and approved in the Educational Department. The fresh estimates which have been framed purely on technical points need not be countersigned and the estimates have been checked and submitted for sanction. The rates being the same as in the former estimates.

AW

1-6-98

1-6-98

Note by Budget Section.

Work Alterations and additions to the Reformatory school at Chingleput

Fund			
Service Head	...	...	Provincial
Departmental Head	...	...	Civil Buildings
Amount of Estimate	...	...	Original Works
Expenditure in previous year	...	Rs. 71,280	(as altered in the Chief Engineer's Office)
Allotment in current year	...	5,210	
Balance required to complete	...	66,070	
Total Rs	...	71,280	

Note of available Funds.

The estimate should be if approved, be sanctioned in supersession of the estimate of Rs 5,210 sanctioned in G.O. No. 1280W dated 13th May 1898.

The question of making a further allotment of funds may be considered when the statements of requirements for complete works of last year are disposed of.

† This G.O. is now in the Press. P.H.S.
It sanctions the estimate for the 2/6/98.
Kitchen for the District Quarter.

The present day estimate ~~is~~ includes provision for the same work, & therefore if sanctioned, it supersedes the small estimate.

This note was written on 2/6/98
Incorrect information -
It turns out that the estimate of Rs 5,210 was not included in the original estimate.

Public Works (1898) Department.

CURRENT No. 3155

Order

From

The Cape Engineer
V. C. C.

1537W

No. 2374

Dated 5th April 1898

Received 7.4.98

Enclosures 34 38 (18 plans)

Spare copies

SUBJECT.

Reformatory School
at Ching Khat

Resubmits revised
estimate of Rs 71,000
for alterations and
additions to the
institution.

FURTHER PAPERS.

V CIRCLE, MADRAS,

Chepak, 5th April 1898.

No. 2374

From

Colonel C. B. Rawson Q. R.

SUPERINTENDING ENGINEER,

V CIRCLE.

To

THE Chief Engineer
P. W. Department.

SIR,

With reference to your memorandum No. 4202^x dated 19th October 1897 and in continuation

4202C dated 19th October 1897 and in continuation of para 2 of my letter No. 187 W. dated 17 March 1898, I have the honour to resubmit for sanction the enclosed revised estimate amounting to Rs 7,000 for alterations and additions to the Reformatory School at Chingleput.

The longitudinal and cross sections of the road asked for are forwarded. A portion of the road, as shewn must be in embankment and the need of railings or some such protection along it might be considered.

A data sheet for the rate of earthwork allowed is forwarded; the rate works up to Rs 9/- per 1000 cft but as the lead is great and all earth must

must

200-19-1-98.

must be carried across the line of the South Indian Railway, it would perhaps be as well to keep to the rate of Rs 10/- originally entered, as there may be difficulties and delays with the S. I. R. which will increase cost of work.

I forward plan of cubicles in which angle & T iron take the place of all wood work now used.

The soil being of a very variable nature, full depth of foundation has been allowed, but when work is being executed the foundation may be reduced if the made earth in places is found to be of less depth than that shown.

I have the honour to be,
Sir,
Your most obedt. Servant

Ch. L. Brown

5.4.98

Colonel Rb.

Secy. Secy. 5 Circle

Public Works (1897) Department.

CURRENT No. 5893

Order

From

The Consulting Architect
to the Government
of Madras
No. 716

Dated 15th June 1897

Received 17.6.97

Registered — " —

Enclosures 6⁺ (+ 1 Plan)

Spare copies

SUBJECT.

Submitting a plan & estimate
for a stone wall at the
Reformatory School, Chingle
put. for including in the
estimate for additions to the
Reformatory School.

FURTHER PAPER

CONSULTING ARCHITECT TO THE
B. No. 415
15 JUN. 97
GOVERNMENT OF MADRAS.

V CIRCLE, MADRAS,

Chepák, 13^o June 1897.

Lieut-Colonel G. G. Rawson R.E.
SUPERINTENDING ENGINEER,

V CIRCLE,

THE Consulting Architect
to Government.

In continuation of this office No. 138 m.

Enclosures. 4. dated 11th Instant, I have the honore to forward
copy of a letter from the Director of Public Instru-
tion with copy of endorsement by the Executive Inq-
ries Behingkeful Division thereon No 482 dated
14 May 1897 and to request that you will be
so good as to include also the cost as per en-
closed estimate of the proposed wall for separa-
ting the play grounds referred to, in the estimate
for improvements to the Reformatory School at
Behingkeful now under preparation by you -

I have the honour to be,

Yours most obed^t. Servant

C. L. L. L.
12/6/97

21. Coll. Rb.

Suptg Engineer, 5 circles

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Consulting Architect
to Government,
Madras.

Dated 13th }
Recd. } June 1897.

ENCLOSURES. 5

P.W. 4.6/5643/97

No. 143. M.

Reformatory School at
Chingleput.

Forwarding Copy of a letter
from the Director Public In-
struction with Copy of endorse-
ment by the Secy of Chingleput
& requests to include the cost
as per enclosed Estimate the
proposed wall for separating
the play grounds referred to
in the Estimate for improvements
to the - now under preparation
in the Office.

6-13-7-95.

No. 716

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
15th June 1897.

From G. S. J. Harris Esq.
Henry Swin, Esq., C.I.C.,
Consulting Architect
to the Government of Madras,

To The Chief Engineer
Public Works Department.

Sir,

I have the honour to submit
a plan & Estimate for a stone wall at
the Reformatory School, amounting to
Rs 120/- with correspondence on the subject
and request that you will kindly include
the same with the Estimate amounting
to Rs 64,929/- for additions to the Reformatory
School submitted through the Director of
Public Instruction with this Office No.
3373 dated 30th September 1896.

6 Enclosures.

I have the honor to be,

Sir,

Your most obedient Servant,

G. S. J. Harris

Consulting Architect to Govt.

Public Works (1897) Department.

CURRENT No. 5012

Order

From
The Supy Engineer
5th Grade

No. 832
c

Dated 20th May 1897.

Received 21.5.97

Enclosures *ow.*

Spare copies

SUBJECT.

Reformatory Schools
at Chingput.

Requesting to include
Cost of the wall referred
to, in the Estimate for
additions to the buildings
in the — which was sub-
mitted by the Consulting
Architect with his N. 3410
dated 1st October 1896.

Plum K. H. in the mt. yam
the
25.5.97

№. 4732

From
The Honourable Mr. D. Duncan, M.A., D.Sc.,
Director of Public Instruction
L.L.D.
Madras

To
The Executive Engineer,
Chingleput Division.

Sir, enclosed P. of (pages)

I have the honour to request that the erection of a wall to separate the play grounds of the Junior and Senior divisions of the Reformatory School, Chingleput, as per enclosed plan and estimate countersigned, may be undertaken by the Public Works Department and its cost included in the estimate for additions to the buildings recently sanctioned.

I have etc.

(Signed) D. Dunnean

Director of Public Instruction

No. 482 dated 14 May 1897

copy forwarded to the Superintending
Engineer

Engineer, V Circle, with a request that the cost of the wall referred to by the Director of Public Instruction may be included in the estimate for the Reformatory School under preparation by the Consulting Architect to Government vide para 2 of your letter No 77) C.N. dated 4 March 1896.

(Signed) J. P. Davidson
Executive Engineer
Chingleput Divn

(True Copy)

William

2/3/97

Lt Col R.B.

Suptg. Engineer, V Circle.



No. 838
C

SUPERINTENDING ENGINEER'S OFFICE,

V CIRCLE, MADRAS,

Camp St. to the
Chingleput, 20 May 1897

From

Lieut Colonel C. B. Rawson R.E.

SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer,

P. W. Department.

SIR,

Enclosures.

I have the honour to forward copy of a letter from the Director of Public Instruction with copy of endorsement by the Executive Engineer Chingleput Division thereon, No. 482 dated 14 May 1897, and to request that you will be so good as to include the cost of the wall referred in the estimate for additions to the buildings in the Reformatory at Chingleput, which was submitted by the Consulting Architect to Government with

with his N^o 3410 dated 1.10.96 through
the Director of Public Instruction.

I have the honour to be,
Sir,
your most obedt. Servant

Cham
29/5/97 Lr Coll RB
Suptg. Engineer V Circle.

Public Works Department.

Current No. 10120

Letter No. 727

Dated 20. Nov. 1896.

From the Educational Dept.

NOTE BY TECHNICAL SECTION.

Name of work. Alterations and ad-
ditions to the Reformatory school at Ching-
ling. Amount of estimate Rs 64,929.

The plans and estimates under
review, amounting in all to Rs
64,929, have been framed with a
view to Gov. W. 1804 of dated 9.
March 1896 and provide for alter-
ations and additions to the Re-
formatory school at Chingling.

The amount of the estimate is
divided as follows:-

- | | |
|--|--------|
| (a) Providing windows to sub jail to
convert it into a hospital | Rs 680 |
| (b) Erecting a workshop and
dormitory over rampart | 17,735 |
| (c) Erecting a weaving shed | 6,880 |
| (d) Converting Police guard in
sub jail into a tailors shed | 535 |
| (e) Constructing a school house | 8,129 |
| (f) - do - kitchen with range - | 3,272 |
| (g) - do - compound wall and
roadway | 7,034 |
| (h) Erecting 107 new cubicles | 9,463 |
| (i) Constructing a latrine for 20 seats | 852 |
| (j) - do - latrine for 16 seats | 725 |

N^o 4202C 2/19-10-97

The Suptg. Engineer, V Circle.

The undersigned has the
honour to return the marginally
marked estimate, aggregating to
Rs 64,929, for alterations and
additions to the Reformatory at
Chingling with reference to
the following observations:-

1. The depths, as well as
the nature, of surface soil

B. Ground \$55,308
 Constructing Quarantine shed — 3,032
 Estimate for Dept Superintendent — 389
 Kitchen & Godown for — D° — 1,150
 Stables & Coach house — D° — 915
 Constructing Blacksmiths Shop — 4,137
 With estimate Proper 64,929.

Estimate (a) provides for converting 2nd floor of the sub jail into a hospital removing the existing small windows inserting 11 new larger battened windows the iron bars each 4 x 6 instead of for painting the same with 3 coats of oak paint. Provision for a new sub jail, this reported will be undertaken by the Quarantine Engineer on a separate estimate.

Estimate (b) provides for dismantling entirely the existing black smiths and carpenters workshops and for constructing on the same site about 6 1/2 feet from the rampart wall, a two storied building with new workshops, stores & show rooms below & a dormitory above to accommodate 88 cubicles.

The lower floor will consist of a timber store 73'9" x 22'7", two store rooms for black smiths & carpenters, each 16'6" x 8'7", a show room 19'1" x 22'7" and a carpenters shop 63'3" x 22'7". The upper floor will be divided in the centre by an arched partition wall, each compartment containing 44 cubicles in two blocks of 22 each. These cubicles will be placed in the centre of the dormitory.

(2)
 and sub-soil should be entered on the plans were omitted.
 2. Estimate b. Provision should be made for wall plates under the joists in the lower floor.

Est 1. Estimate c. Eight wooden trusses of 24 feet span are provided but apparently because it would be difficult to obtain tie beams of sufficient length it is proposed to use two lengths of timber in the middle where there is no support. It is considered preferable to provide instead, iron trusses with screw tie rods.

The same remark applies to estimate (b) where the span is 22'10".
 4. Estimate c. ~~It is proposed to~~ another for consideration whether the steps are unnecessary long, but should the angle be 30° or more the angle in surface soil (loam) it might be well to increase the depth of the concrete from 1 foot to 2 feet. A wall 8 feet long might with advantage be provided with stiffening partitions as a protection against bulging, and in this case two arched partition walls are considered necessary.

5. Estimate f. (1) It is proposed to make the foundations of concrete 4 feet deep throughout, though, with the exception of the chimney, the reasoning to be supported is not so heavy as shown in the plan drawing for the workshop & dormitory for instance where 3'6" is shown as sufficient. This discrepancy

It is hoped that the gravel will be put with within 3'6" of surface level that being the depth of the concrete.
 (3)

needs explanation.
 2. The type design is considered faulty as regards the thickness of the circular dwarf wall at floor where it is only 9" thick or 4 1/2" fire brick in clay & 4 1/2" brick in Chumam. The latter thickness should be increased to 9" making the total 18 1/2 inches which should be proof against wear and tear. This alteration will necessitate a reduction from 15 inches to 10 1/2" in the tread of the steps round the wall or the shifting of the steps 4 1/2" towards the outer wall of the work: the latter alternative is considered the preferable of the two.

6. Estimate g. No longitudinal or cross sections of the proposed road have been received. They are wanted to check

dormitory with space between & around each block 3'5" from the wall. Each dormitory compartment will measure 84'1" x 22'10" interior measure, vide tracing plan submitted.

The surface soil is reported to be loam and the sub-soil gravel but what depth it is not mentioned. The foundations will be laid to a depth of 3 1/2 feet with concrete 3 feet in width. There will be no basement & the lower floor walls will be raised 11 feet to top of terrace above concrete foundations & the upper floor walls 10 feet to bottom of tie beams. The walls will be built of stock bricks in chumam with archwork over voids, the inner surface of walls will be plastered with 2 coats of mortar & the outer surface pointed with tan & sand composition. The upper floor will be tenaced with bricks on edge & over tie joists supported by casted steel girders spaced 10 1/2 feet. The roof will be of Mangrove tiles laid over teak rafters & ciled with 1/2" teak planks.

No staircase has been provided but 4 wooden platform bridges, each 8' x 5', to find access to the dormitory from the rampart across the gap.

The scantlings for roof timbers are correct & the sections provided for the joists are slightly in excess of actual requirements being of uniform section for spans of varying lengths, but as they are intended for the floor, they may be passed.

Tenon — $22.7" \times 11.1\frac{1}{2}" \times 0.9" \times 120 = 22.612$
 Joint — $16 \times 11.1\frac{1}{2}" \times 3" \times 7\frac{1}{2}" \times 46 = 1.279$
 Pine wood — $22.7" \times 11.1\frac{1}{2}" \times 120 = 30.149$
 Total weight in lbs 54.040

no provision has been made for
wall plates under joists in lower
floor.
The plinth area is 4405 sq ft and
the cost per sq ft will be Rs 4.0-5.

The surface soil is reported to be loam & the sub soil gravel. | Dep

The foundations will be laid to a depth of $3\frac{1}{2}$ feet with concrete thrown out. The basement will be raised one foot above ground surface & the superstructure walls raised 10 feet to bottom of the beam & built with stock bricks in mortar, intermediate piers between pillars will be filled in with separating wall $9"$ thick & raised 4 feet, filled above with $\frac{3}{4}"$ gal. iron wire

It is really 22'-7".
Section in AB is
roughly drawn in
upper story. carefully

22'-10" say 23'-

$$W = 2a \cdot 12 + 23 = 554.76$$

which will, however, suit the
finder specified.

The work should be done, & it-
may be paid for out of
"Contingencies".

ps The SE is being asked to include it as his estimates are going back to him

Depths not stated.

The 108825 cubic feet of earthwork
or fuller ^{explosives} ~~is~~ ^{should}
~~be~~ ^{and it should be fitted}
~~the~~ ^{as to why this mass should}
~~some~~ ^{of the earth from the}
~~branches~~ ^{can not be utilized for}
~~the road work.~~ ^{cut so much. Del.}
^{In the high ref. of No. 10}
Estimate h. This estimate ^{shd. be} made
amounts to R\$9643 can not be
sanctioned without a plan, and
no plan has been received. Hence

(continued on page 9)

The beam
 scarfing in middle
 where there is no
 support is objectionable

Depli goit not
stated.

were setting on teak frames, the
interior of rooms will be plastered in
2 coats of mortar & the exterior painted
black. The floor will be of Cuddalore
slabs laid over 4" of concrete & painted
with asphaltic. roof will be of trans-
-parent tiles laid over teak rafters
& rafters and supported on Green
port timbers placed 10 feet apart,
doors & windows will be of teak
wood & painted with 3 coats of
oak paint.

The scantlings for roof timbers
are correct.

The plinth area of the shed is 2821
sq ft & the cost will be Rs 2.7.0 per sq ft

Standard (d) provides for converting the Subjail Police guard room into a Tailors shed by adding a room $10\frac{1}{2}$ feet square with the existing rear: and side corridors, as per plan. The total accommodation including the entrance will be a center room $21 \times 10\frac{1}{2}$ and two side rooms each $10\frac{1}{2}$ feet square with front verandah $7\frac{1}{2}$ feet.

11. This statement calls for no further remarks.

Schedule (C) provides for constructing a school house 100' x 35' feet outer dimensions. The school house will consist of a large room 81' x 16' with verandahs all round 8 feet wide, as per plan.

The foundations will be laid with concrete $3\frac{1}{2}$ feet in depth & $2' 10\frac{1}{2}$ inches wide. basement will be raised 2

to the superstructure walls 14 ft
to top of the beam & built with stock
bricks in mortar, the interior of the
room will be plastered with 2 coats
of chunnam & the exterior pointed
black. Flooring will be of Cuddalore
slabs laid over 4" concrete & the roof
of flat span tiles laid over teak
rafters, rafters to be supported on
teak trusses.

The scantlings for roof timbers
are correct.

The plinth area of the building
is 3500 sq ft, and the cost per sq ft
will be Rs 2.5.2.

The length of steps appears to
be unnecessary, perhaps 10 feet
would suffice in each direction.

The length of the room, viz. 8 ft
without any intermediate door.

ports, such as arched partitions
does not appear to be safe, it
might be well to have 2 arched
partition walls, otherwise the
walls are liable to bulge.

Schmidt (f) provides for con-
structing a kitchen with circular
cooking range, as per type design, in-
cluded with G.O. No. 1586 dated
15 June 1893 for District Jails. The
cooking is reported to be now done
in an open shed with a lean to roof,
which is too small for the purpose.
Consequently a new kitchen is now
proposed to be built on the type de-
sign on the same site of the
existing one.

4 feet, from above ...

This is a matter of opinion. But should the foundation
be all in the surface soil it would be
well to make the concrete under the steps
2 feet instead of 1 foot deep. It is
presumed that gravel is not met with till
for 3'-6" is reached, though the depths of
the soils are not stated.

Yes.

Sch. 6.

The walls of some
of the preceding structures
are heavier than these, &
yet only 3'-6" depth is
provided for them.

Yes. I have a recollection
of a similar allegation
being raised in some
other structure.

The foundations will be laid in
concrete 4 feet deep and 3 ft wide.
Walls will be raised as per dimensions
indicated on the type design and built
of stock bricks in chunnam, except
at the fire place where it will be
of fire bricks in fire clay. The inner
faces of walls will be plastered with
2 coats of chunnam & the outer pointed
black. The floor will be of stone slabs
set in concrete and finished with ce-
ment & the roof laid with Mangalore
tiles over teak rafters & diagonal
crosses & complete.

The scantlings for roof timbers
are correct.

The plinth area of the kitchen is
734 and the cost per sq ft will be Rs
4.7.4.

The type design appears to be
faulty in regard to the thickness of
the circular dwarf wall at base,
which is only 9 inches built of 4 1/2 inch
fire bricks in fire clay & 4 1/2 inch
in chunnam. It is submitted that
this wall may at least be made
13 1/2 inches, i.e. 4 1/2 inch fire bricks & 9 inches
brick in mortar. This alteration
will necessitate the trend of the steps
around the wall being curtailed
from 15 inches to 10 1/2 inches, but it is
thought safe to retain the trend
at 15 inches by shifting it 4 1/2 to the
outer walls, as shown in pencil
on section A B of tracing plan.

Sch. 7.

Schmidt (g) provides for re-
building & rebuilding compound wall, from

forming road to as to separate the Tahildars & Sessim Court from the Reformatory.

The compound wall will be 2 ft. thick and raised 10 ft. on foundations 3 ft. wide & 3 ft. deep and built with brick & rough stone using old materials from the lengths proposed to be demolished. A new road will be constructed along the moat leading to the Sessim & Tahildars Court, as the existing one which passes through the reformatory is considered a nuisance. The new road will be 850 feet long, 25 ft. wide & raised 5 feet, owing to the ditch in front.

A rate of Rs 10 per 1000 cft is provided for in the estimate for earthwork. This high rate is stated to be due to the earth having to be brought beyond the railway line. Provision has been made for demolishing the firewood godown & latrine near the Head Master's quarters & the Head Master's kitchen also Reformatory kitchen & stables & sub jail. No sections or levels of the proposed have been submitted.

Estimate (K) provides for erecting 107 new cubicles in dormitory on top of compound and in old hospital.

There are no plans for these cubicles but from the estimate submitted, the following information is gathered.

The cubicles will be of vertical and

Sections of the road are necessary if only to show that 105825 cft of earthwork are necessary because of the earth from the trenches some granite might perhaps be utilized for forming the road.

Est. 8

This estimate amounting to Rs 9463

Should not be sanctioned without a plan. Moreover experience has shown wire netting to be objectionable in the case of Chingleput Reformatory as bugs are harboured in the holes drilled to receive the netting.

(5)

Est. 9 & 10

Experience of Chingleput Reformatory cubicles has shown wire netting to be objectionable, as the holes drilled to receive the netting harbour bugs. The proposals should be reconsidered & fully detailed when re-submitted. Estimate (i) and (j) for the sake of privacy it would be well to provide a longitudinal partition between the seats. Estimate (i). Wire netting should be provided. Estimate (j). It is doubtful whether wooden partitions will prove satisfactory for a blacksmith's shop. Angle-iron partitions 3" x 3" x 1/2" would, it is considered, be preferable.

Est. This may be added in our office. The S.E. can do it. Since the estimate is being returned. Est. 11

10. Since the Superintendent requests that, in the event of funds not being available

and horizontal teak framing together with flat iron stiffening bars 1 1/2" x 1/2" the sides & cross partitions will be fitted with plain galvanizing wire sheet B.W.G. and the front or entrance to each cubicle together with the top fitted with galvanized wire netting 2" mesh.

Each cubicle will be 8 feet long, 4 feet wide and 7 1/2 feet high. There will be 88 cubicles in the new dormitory & 19 in the existing hospital.

Estimate (i) & (j) provide for constructing two latrines one with 20 & the other with 16 seats. The latrine will be built on concrete bed 18 inches thick of which 12 inches will be laid below ground surface and 6 inches as floor. The walls will be of corrugated iron fitted to teak framing & the roof of corrugated iron laid on teak rafters & battens & rafters. The seats will be of brick in chimney raised 15 inches above floor & plastered with cement. Partitions of corrugated iron have been provided for & a 4" drain round each latrine.

The scantlings for timbering are correct.

No provision has been made for longitudinal partition between each row of seats. This partition appears necessary for privacy.

Estimate (K) provides for constructing a quarantine block, this shed will be constructed outside the premises of the reformatory beyond the railway line to the south west of the proposed buildings. It will

part of a room 33 x 19 with 5 feet
 verandah all round also a latrine
 the latrine connected with the main
 the R shed by a passage 10 x 3.6. A por-
 tion of the rear verandah near
 the covered way will be screened
 in, as a bath room. The design
 is similar to the shed built at
 the General Hospital, Madras.

The foundations will be 3 1/2 feet deep
 & 2 1/2 feet wide of which 3 feet in depth
 will be laid with concrete and the
 remaining 1/2 inches together with the
 basement raised 6 inches built
 with stock bricks in mortar & plas-
 tered with cement. The walls of
 the shed will be of double bamboo
 mats fitted to teak framing & S.I.R
 uprights, those of the latrine and
 covered passage with corrugated
 iron walling fitted to teak frames
 & S.I.R rails. The floor will be of
 4" concrete over a swelling course
 of bricks & the surface plastered
 with cement. The roof of the shed
 will be of Mangalore tiles laid
 over teak rafters, rafters & sup-
 ported at ridge by 3 cast iron
 pillars 4" dia. placed 7 1/2 feet ap-
 part in centre & 9 feet from the
 walls and ceiled with 1/2" teak
 planks. There will be no roof
 over the latrine & passage.

The scantlings are correct.
 Estimate (b) provides for erecting
 a latrine for the Dept. Supt. - The
 latrine will be 10 feet square inside
 measurements with a screen wall
 10 feet high & 3 feet from
 the main walls.

4 feet, fitted above with 1/4" gal. iron

for all the improvements
 contemplated. The kitchen & latrine
 at least may be constructed
 at once, it is desired that
 the estimates for these
 works may be submitted,
 revised as necessary, as
 soon as possible with a
 view to funds being allotted
 for their immediate
 execution. The other estimates
 may follow in due course.

C.S.M.S.
 13.10.97
 14.10.97

The foundations are
 to be 3 feet deep, but as
 in the other estimates, the
 depth of surface soil is
 not stated.

The foundations will be 3 feet deep
 & 2 1/2 feet wide. 2 1/2 feet of the depth will
 be laid with concrete, the upper 1/2 inch
 together with the basement raised one
 foot & the superstructure walls 8.5"
 built with stock bricks in mortar
 the interior of the latrine will be
 plastered with 2 coats of cement
 & the exterior pointed block. The
 floor will be of 4" concrete & the roof
 of shed plastered with cement, roof
 will be of flat & pan tiles laid over
 teak rafters, rafters & sup.

The scantlings for roof timbers
 are correct.
 The plinth area of the latrine
 is 103 sq ft & the cost per sq ft will be
 Rs 2.6...

Estimate (m) provides for erecting
 a kitchen & godown with covered
 way to the Dept. Supt. quarters.

The kitchen blocks will consist
 of 2 rooms each 10 x 10' with a
 front verandah 5 feet wide & a
 covered passage 5 ft. wide & 10 feet
 long.

Materials of construction & the
 depth of foundations &c. are similar
 to the estimate for latrine (b) except
 that the flooring of the room verandah
 & covered passage are Cuddalore
 slabs with 4" of concrete below &
 pointed with cement instead of
 concrete & cement plaster.

The scantlings for roof timbers are
 correct.
 The plinth area of the blocks is 605
 including covered way & the cost per
 sq ft will be Rs 2.9.5.

The above remarks
 apply regarding
 soil.

12.
Estimate (12) provides for erecting
8' x 10' stables & one shed for the Deputy
Supt. This building will be
detached and will consist of
3 stalls, two for horses each
8' x 10' with a passage in front
6' wide & the other stall as
one shed 14' 9" x 8' 0"

Details of construction are the
same as for latrine & kitchen blocks
except that the floor in this case
is metalled with $\frac{3}{4}$ " of gravel &
blinded with $\frac{1}{2}$ " gravel.

The scantlings for roof timbers
are correct.

The plinth area of this block
is 489 sq ft & the cost per sq ft
will be Rs 1-5-6.

Estimate (13) provides for constructi-
ng a black smiths workshop. The
workshop will consist of a open shed
72' 6" x 21' 3" and a stove room at end
21' 3" x 9' 0".

Estimate 15.

The foundations will be $\frac{3}{4}$ feet in
depth of which the lower 3 feet will
be laid with concrete and the upper
6 inches together with the walls above
carried 8" built of stock bricks
in ~~alternating~~ ^{alternating} The walls will be finished
black with tar & sand composition
both interior & exterior & the floor
will be gravelled 2" thick with water
& lamp. The roof will be of corrug-
ated iron laid over wrought iron
curves & placed 10 1/2 feet apart and
carried on pillars 2' x 1 1/2".

Permission has been made to remove
a portion of the campsite to construct
this workshop, also for building a new
camp

Depth of soil not
mentioned.

camp to the campsite as to
the dormitory.

The scantlings for wooden pan-
-els and the sections allowed for
the wrought iron trusses are correct.

The plinth area of the workshop
is 2085 sq ft and the cost per sq ft will
be Rs 1-5-6.

It is submitted that the per-
-sistence of wooden panels appears
objectionable, particularly for a
blacksmiths workshop, and
iron panels 3" x 3" x 1/2" might be
is thought be substituted instead.

Yes

Correct
12-10-57.

The existing Sub Registrar Office
it is reported, will be taken up by
the Reformatory for a twist & case
room and the P. W. D. Sub Division
Office for the Headmaster quarters.
These buildings, it is stated, will
answer the purpose proposed
without any alterations, con-
-sequently no estimate has
been submitted for these two build-
-ings.

The walls are fair throughout.
The plans & estimate have
been countersigned by the Director
of Public Instruction & approved
in the Educational Dept.

Constructing a stone wall for
separating the play ground of the
Senior & Junior divisions of the
Reformatory school.

This estimate is submitted
as supplemental to the one amount-
-ing to Rs 64,929, and provides for
erecting a stone wall to the north

Current 5893
of 17-6-57.

South South of the boys latrine in
 order to separate them, side plan.
 The length of this walling will be
 109 1/4 feet & will be built entirely
 of small rough stone & broken brick
 in clay on foundations 1' 9" x 2' 0".
 The wall will be raised 4 1/2 feet
 & cased with brick in mortar work.
 The height of wall 5 feet. The wall
 will be plastered on both faces with
 a coat of chunam.

The rates are fair.
 The total estimate amount will
 now be increased from Rs. 64,949 to
 Rs. 65,049 or say Rs. 65,050.

~~15.9.57.~~

C. No. 10720 of 96 and
 5893 of 97.
 also 7628 of 97

P. W. Secretariat.

Note by Budget Section.

Work Alterations and additions to the Reformatory school
 at Lehingput.

Fund	Provincial
Service Head	Civil Buildings
Departmental Head	Original works
Amount of Estimate (including Supplement) Rs.	65,049
Expenditure in previous year	-
Allotment in current year	-
Balance required to complete	-
Total Rs	-

Note of available Funds.

The Provincial reserve with Government
 is only Rs. 6074.

OW

For orders with reference
 to Ji note
 No funds are available
 for these works as a whole. If
 the estimates are approved, they
 may be sanctioned for execution
 when funds are available.

In Current No. 7628, the
 Educational Dept. urges the early
 construction of the Kitchen for
 the Reformatory School & for

Dr. Supt. quarter.

The Supt. requests that
if no funds are available
for all the improvements
contemplated, the Kitchens
at least may be constructed
at once.

The Kitchens are items
(f) Rs 3272, & (m) Rs 11.50 in
the note. If the estimates are
sanctioned as a whole, a
sum of Rs 4422 might be
allotted at once for the
immediate completion of
these two items.

Cs
(15/9/97)

Note by Budget Section.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government (1898) of Madras.
PUBLIC WORKS.

Recd.

Regd.

1898.

Enclosures

Spare copies

G.O., No. 1284 W., 19th May 1898.

MAY.

Reformatory School at Chingleput

Estimates, aggregating Rs. 5,210, for works connected with the —, sanctioned
and the amount appropriated from the Provincial reserve.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

G.O., No. 727, Educational, dated 20th November 1896.

From the Director of Public Instruction, Madras, No. 5447, dated 16th May 1896.

From the Public Works Department, No. 3534 C., dated 7th October 1896.

From the Director of Public Instruction, Madras, No. 11032, dated 10th October 1896.

Order—No. 727, Educational, dated 20th November 1896.

The plans and estimates received with the Director of Public Instruction's letter No. 11032, dated 10th October 1896, are approved and will be transferred to the Public Works Department.

(True Extract.)

(Signed) W. FRANCIS,
for Chief Secretary.

From the Superintending Engineer, V Circle, dated 11th March 1897, No. 89 W.
Endorsement from the Educational Department, No. 1610, dated 30th July 1897.
Memorandum from the Chief Engineer, P. W. Dept., No. 4202 C., dated 16th October 1897.

From Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chépák, 17th March 1898, No. 187 W.

With reference to paragraph 11 of your memorandum No. 4202 C., dated 19th October 1897, I have the honour to re-submit for sanction the enclosed revised plan and estimate amounting to Rs. 5,280, for constructing kitchens and godown to the Reformatory at Chingleput [marked (f) and (m) in the memorandum under reply].

2. The other plans and estimates are under revision in my office and will be submitted shortly.

From the Superintending Engineer, V Circle, dated 29th March 1898, No. 217 W.

Letter from the Inspector-General of Prisons, dated 6th May 1898, No. 2090.

Note by the Chief Engineer, Public Works Department.

With his letter No. 187 W., dated 17th March 1898, the Superintending Engineer, V Circle, submits, for sanction, the following estimates in connection with the Reformatory School at Chingleput :—

(a) Constructing a circular kitchen	...	...	...	...	RS.
(b) Constructing a kitchen and godown with covered way for the Deputy Superintendent's quarters	...	...	...	...	3,640
					1,640

These estimates which have been reduced to Rs. 3,620 and Rs. 1,590, respectively, by the correction of certain errors in calculation, are recommended for sanction.

17th May 1898.

(Signed) W. B. DEWINTON,
Chief Engineer.

ORDER—No. 1284 W., dated 19th May 1898.

The undermentioned estimates, aggregating Rs. 5,210, as altered by the Chief Engineer, Public Works Department, for works connected with the Reformatory School at Chingleput, are sanctioned, and the amount is appropriated from the Provincial reserve :—

(a) Constructing a circular kitchen	...	...	...	...	RS.
(b) Do. a kitchen and godown	...	...	...	...	3,620
					1,590

2. This sanction has been registered as Provincial No. 13 W. of 1898-99 and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, V Circle, with plans and estimates.
" Examiner, Public Works Accounts.
" Educational Department.

Public Works (1896) Department.

CURRENT No. 8862

Crow 6648/85.

7574/86-

8819/86

No. 3534C of 7th Oct 1896

Order memo.

With reference to
Memo No. 1734 General
dated 27 August 1896, the
undersigned has the honour
to state that the plans &
estimate for the Reformatory
School building, called for
in G.O. No. 138 G.O. dated 10th
March 1896, as well as
those mentioned in para 2
of G.O. No. 1279 G.O. dated
15th June 1895, were forwarded
by the Comy. Asst. to the Dir.
of Public Instr. on the 18th Augt
1896; they were returned by
the latter officer for modification
on the 11th Sept. 1896, & that they
were finally retransmitted
by the Comy. Asst. to the Dir.
of Public Instr. on the 30th
Sept. 1896.

From

The Consulting Architect
to the Government
of Madras

No. 3410

Dated 1st October 1896

Received 3.10.96

Enclosures

Spare copies

SUBJECT.

Reporting that the modified
plans & estimates amounting
to Rs 64,929 for alterations
& additions to the Reforma-
tory School were forwarded
through the Director of
Public Instruction on the
30th September 1896

On

to the Secy. Dept.

5/10/96

0.5468 R7110

9/10

BACK PAPERS.

FURTHER PAPERS.

$$\frac{A.}{L.} 500-20-3-96.$$

No. 3410

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
1st October 1896.

From

St. John C. P. Rawson R.C.

*A. J. Consulting Architect
to the Government of Madras.*

To

The Chief Engineer

Public Works Department.

Sir,

Enclosures.

With reference to this Office No 3149 of
the 15th September 1896, I have the honour to
report that the modified plans and esti-
mates for additions to the Reformatory
School the latter amounting in total to
Rs 64929 were forwarded through the
Director of Public Instructions on this
date

I have the honour to be
Sir

Yours most Obedt Servant

Carlson
20/9/96 L. Hall

Ag. Lawson King Architect to Joe

Public Works (1896) Department.

CURRENT No. 8819

Order

To E.A.

Please report date
of retransmission of the plans
and estimates to the Director
of Public Instruction.

From

The Consulting Architect
to the Government
of Madras

No. 3387

Dated 30 September 1896

Received 2.10.96

Enclosures 4

Spare copies

SUBJECT.

Stating that plans &
Estimates have been prepared
for items 3 & 4 referred to
in the Memo: in connection
with the Reformatory School
building at Chingleput

o.d. 2.4.68 R 7/10

Public Works (1896) Department.

CURRENT No. ⁸⁻⁴ 832⁵
88/9/96

No. 3419C of 24th Sept 1896
Order

To CA.

The two letters from the
Supt., which formed enclosures to
Sp. No 1004 W dated 20th March 1896,
asked for the following works, -

- (1) Accommodation for the tailoring class
- (2) New Kitchen
- (3) Two main latrines
- (4) Set of outhouse for the Dr. Supt.

Please say what
action has been taken with
regard to items (3) & (4).

21/9/96

W

C.O.S.
21.9.96

From
The Consulting Architect
to the Government
of Madras

No. 3149

Dated 15th September 1896

Received 16.9.96

Enclosures 2

Spare copies

SUBJECT.

Reporting that the estimate
for certain improvements
to the Reformatory School
building provide for
converting Police quarters
in Sub Jail into a tailor
shop & a new kitchen
with circular cooking range

O.L.S. 421 R 23/9

BACK PAPERS.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	3306C	P.W.	11-9-96				
	1004W	"	20-3-96	Cno	2653		13-3-97
	273W	"	23-1-96				
	1691W	"	10-7-95				

A. 500-20-3-96.
1.

Office of the Consulting Architect to Govt.,
Chennai, Madras,
15 September 1896.

No. 3149.

From

Mr. C. C. Rawson Esq.

Ag. Consulting Architect
to the Government of Madras,

To

The Chief Engineer

P. W. Department.

Sir,

2 Enclosures.

In returning the paper received with
your endorsement No 3306C dated the 11th Sept
1896 I have the honour to state that the
Estimates the dispatch of which was reported
in this Office No 2659 dated the 20th August
1896 provide;

for converting Police guard room in
Jail with a tailor's shed Rs 535.

New kitchen with peculiar cooking pa
according to jail pattern Rs 3272.

I may mention that the plans and es
timate were returned to this Office yest
day with letter No 10906 dated 11th Septem
1896 from the Director of Public Instru
ctions for some alterations to the Black

Smith

Blacksmiths shop.

I have the honour to be
Sir

Your most Obedient Servant.

Chas. M.
15.9.96

Lt. Col.

Ag. Consulting architect to Govt.

Public Works (1896) Department.

CURRENT No. 7988

8327/96
8819

Memo
Order No 3306 Cdy 11 September
1896

To C.A.

From

The Educational
Department.

No. 1734

Please report if the
estimate, the despatch of
which was reported in your
letter No 2659 dated 20th
August 1896, provide
on the works ordered
in G.O. No 1004 W dated
20 March 1896.

Dated 27.8.96
Received 4.9.96
Enclosures
Spare copies

SUBJECT.

Reformatory School building
Requesting to expedite the
Submission of the estimates
for certain improvements
to the

BACK PAPERS.

FURTHER PAPERS.

$\left[\frac{G}{69} \right]$
1.000-15-8-95

Educational DEPARTMENT.



Memorandum. No 1734.

READ the following

From the Director of Public Instruction, Madras,
dated 16th May 1896, No. 5447.

[illegible]

The Public Works Department is requested to expedite the submission of the estimates (for certain improvements to the Reformatory school buildings), the preparation of which was authorised in G.O. No. 138 Educational, dated 10th March 1896.

Ootacamund.

27th August 1896.

Hiern

for Chief Secretary.

To

The Public Works Department.

B. 1.

Public Works (1896) Department.

L.O. No. 143

CURRENT No. 7574

Order

Amount received
of the plans and
estimates -

24/8/96
W

From

The Consulting Architect
to Government

No. 265-9

Dated 20 August 1896

Received 21.8.96

Enclosures .

Spare copies .

SUBJECT.

Reformatory School at
Chingleput —

Reporting that plans and
estimates for alterations &
additions to the —

were submitted to the Director
of Public Instruction on the
18th August 1896.

N.L. 348 h. 1896

1 a. 2,000-13-7-55.

No. 2659

Office of the Consulting Architect to Govt.,
Chopank, Madras,
20th August - 1896.

Of
From

Henry Swin, Esq., C. J. C.,

The Asst. Consulting Architect
to the Government of Madras,

9

The Chief Engineer
Public Works Department

Sir,

Enclosures.

Stat
for ad
Reform
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to the
Ref
be so
was
6. 10

With reference to G. O. No. 1691, dated 10th July 1895, I have the honour to report that plans & estimates the latter amounting in all to Rs 65417/- for alterations & additions to the Reformatory School at Chungking, were submitted to the Director of Public Instruction on the 18th Instant.

I have the honor to be,
Sir,

Your most obedient Servant,

C. S. Evans
 19. 8. 96 Lt. Colonel R.E.
 Consulting Architect to Govt.

No. 1.

W. CURRENT No. 6648

Public Works Department.

From

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS.

To

THE *Chief Engineer*
P. W. D.

L.O. 57/1895

L.O. N° 996
Re 30-8-95

No. 2143

Dated

29

Despatched

Received

August 1895.

No. of ENCLOSURES.

Subject.

Stating that plans & Estimates for additions to the existing Reformatory buildings at Chingleput for adapting them to the purpose of a Reformatory School will be submitted as early as practicable.

No. 1691 of 10-7-95

Commissioner's Office
Sd/- 10/8/96
Remitted issued 20/1/96
2 Remitted issued 8.6.96
Remitted issued 19796

await receipt of the plans & estimates

O.L.S. 468 R7/10

O.L.S. 347 R4/9

Ch 783
2/10/95