PRESIDENCY

Public Works (189) Department

G.O., No. 2196 W

DATED 16 August 1889

[Despatch Abstract.]

Public Offices at Tanjore - The revised estimate amounting to Rs 1,95,100, for the construction of — sanctioned, with remarks —

1389

8

[P. W. 36. 200—19-7-12.]

BACK PAPERS.

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

FURTHER PAPERS.

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

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1899} of Madras.

PUBLIC WORKS.

Recd. } 1899. *Enclosures*
Regd. } *Spare copies*

G.O., No. 2196 W., 16th August 1899.

AUGUST.

Public Offices at Tanjore

The revised estimate, amounting to Rs. 1,95,100, for the construction of —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From Colonel A. W. SMART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 21st July 1899, No. 399 W.

With reference to your memo. No. 3011 C., dated 30th June 1898, I have the honour to resubmit, for sanction of Government, the enclosed revised estimate amounting to Rs. 1,95,100, with report and comparative statement for constructing Public offices at Tanjore, showing an excess of Rs. 69,300 over the original estimate of Rs. 1,25,800 sanctioned in G.O., No. 1705 W., dated 11th July 1895.

2. The increased rates for brick work have been approved in G.O., No. 2776 W., dated 28th September 1896.

3. The cause of excess is due partly to additional accommodation provided for the Treasury and District Press, &c., and partly to the increased rates allowed for brick and stone work, &c., and also to the cost of the new site.

4. The work is well advanced and should be ready for occupation before the end of the present official year. There has been great delay in the submission of this estimate chiefly due to alterations in design.

Note by the Chief Engineer, Public Works Department.

In G.O., No. 1705 W., dated 11th July 1895, an estimate of Rs. 1,25,800 was sanctioned for the construction of Public offices at Tanjore. The site approved of in this estimate was subsequently ordered by Government to be changed, thereby involving an expenditure of about Rs. 7,000 not provided in the sanctioned estimate.

2. The work was started in June 1896 and, while the foundations and basement were in progress, it was found necessary to use table for moulded instead of ground moulded bricks. The rate for brick work was thereby increased from Rs. 15·10 to Rs 26 per 100 cubic feet. In G.O., No. 2776 W., dated 28th September 1896, the action of the Superintending Engineer in this respect and in having authorised the completion of the work to the top of basement was approved, and he was directed to arrange for the very early submission of the revised estimate.

3. Additions to the District Press and Treasury, considered necessary by the Collector and the Board of Revenue, were ordered by Government to be estimated for by the Consulting Architect. The necessity for the latter officer having had to consult the local Revenue and Public Works officers delayed the submission of the estimate. In G.O., No. 1009 W., dated 9th April 1897, the Superintending Engineer was, however, authorised to proceed with the work in anticipation of sanction to the revised estimate.

4. In July 1897, a revised estimate of Rs. 1,77,200 was submitted by the Superintending Engineer. This was returned to the Consulting Architect for further revision—*vide* endorsement No. 4161 C., dated 13th October 1897.

5. In March 1898, a second revised estimate, amounting to Rs. 1,85,500, was submitted by the Superintending Engineer. In the meantime, the Chief Engineer inspected the work, and being doubtful whether the proposed tower could be safely carried on the slender granite columns provided, forwarded the plan of the tower to the Consulting Architect for revision.

6. A complete revised estimate providing for all the additions required by the Revenue authorities has now been submitted and amounts to Rs. 1,95,100, or Rs. 69,300 in excess of the original sanctioned estimate.

7. With the revised estimate, the Superintending Engineer forwards a comparative statement consisting of no less than 103 items. The main excesses are due to—

		Rs.
(*a*) Increase in rates		12,913
(*b*) Deviations in design		20,357
(*c*) Deviations in materials		7,561
(*d*) Additions and alterations		16,905
(*e*) Change of site		7,243
(*f*) Errors and omissions		4,873
(*g*) General and petty charges		898
	Total ...	70,750
	Deduct savings ...	1,450
	Net excess ...	69,300

Item (*a*).—This increase is chiefly due to the enhanced rates for brick work approved in G.O., No. 2776 W., dated 28th September 1896.

Item (*b*).—The chief items of excess under this head are (1) the addition of domes instead of central tower, (2) ornamental cutstone cornices and corbels as designed by the Consulting Architect, (3) a compound wall with gates instead of wire fencing, and (4) roofing with Mangalore tiles over flat tiles embedded in mortar.

Item (*c*).—The principal deviations in materials are—(1) cutstone wall plates instead of wood, (2) cutstone sills to doors, (3) stone floor instead of concrete, and (4) copper instead of iron for lightning conductors.

Item (*d*).—The bulk of the excess under this head is due to additions and alterations in Treasury and Press office, which were considered necessary after the original estimate was sanctioned, and which were approved by Government.

Item (*e*).—This item of excess is ascribed to change of site and represents compensation for land and increased cost of levelling ground.

Item (*f*).—The chief items omitted in the original and included in the revised estimate are—(1) certain arch work, (2) tarring wood-work, (3) scaffolding, (4) shed for materials, and (5) taking outer measurements for rooms and windows instead of inner as originally taken.

Item (*g*).—Represents the increase in supervision charges.

8. It is observed that the additions and alterations were all necessary to make a sound, complete and stable building and that the work has been well carried out. The Superintending Engineer reports that the buildings should be ready for occupation before the close of the current official year.

9. With the above remarks, the estimate is recommended for the sanction of Government.

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

G.O.

2

No. 2196 W., 16TH AUGUST 1899.

ORDER—No. 2196 W., dated 16th August 1899.

The revised estimate, amounting to Rs. 1,95,100, for the construction of Public offices at Tanjore is sanctioned in supersession of the estimate of Rs. 1,25,800 sanctioned in G.O., No. 1705 W., dated 11th July 1895.

2. Provision has been made for the accommodation of Local Fund establishments. The Superintending Engineer will submit in due course a data statement showing the rent recoverable on this account.

3. The outlay on the work to end of 1898–99 was Rs. 1,42,382 and the current year's allotment is Rs. 33,000.

4. The sanction accorded in paragraph 1 has been registered as Provincial No. 54 W. of 1899–1900 and classified as civil buildings, original works.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, V Circle, with 24 enclosures.
" Examiner, Public Works Accounts.
" Revenue Department.
" Local and Municipal Department.
" Judicial Department.

Exd. Md. Pahilvatt.

118.

I.

3

P.W. DEPART.

READ the following:—

Letter from the Suptg Engineer, V circle, No 399W dy 21.7

Note by the Chief Engineer P.W.D. dy 4.8.99

Circulated to

ORDER.

No: 2196 W dy 16-8-99

The revised estimate amounting to Rs 1.95.100, for the construction of Public offices at Tanjore is sanctioned in supersession of the estimate of Rs 1.25.800 sanctioned in G.O No 1705 W dated 11th July 1895.

2. Provision has been made for the accommodation of Local Fund Establishments. The Suptg Engineer will submit in due course a data statement showing the rent recoverable on this account.

3. The outlay on the work to end of 1898-99 was Rs 1.42.382 and the current years allotment is Rs 33.000.

4. The sanction accorded in para 1 has been registered as Provincial No 54 W of 1899-19 and classified as civil buildings, Original Works.

3. Addition

G.O.

Note The causes of excess are explained in the Chief Engineer's note read above.

PKS

Flag A

Flag C

Flag D

P. W. Dept

113.

I.

Note by the Chief Engineer P.W.D

In G.O. No 1705 W, dated 11th July 1895, an estimate of Rs 1.25.800 was sanctioned for the construction of Public Offices at Jaffna. The site approved of in this estimate was subsequently ordered by Government to be changed thereby involving an expenditure of about Rs 7000 not provided in the sanctioned estimate.

2. The work was started in June 1896 and while the foundations and basement were in progress it was found necessary to use 'table moulded' instead of 'ground moulded' brickwork and the rate for brickwork was thereby increased from Rs 15.0 to Rs 26.0.0 per 100 cubic feet. The use of 'table moulded' bricks instead of 'ground moulded bricks' is explained in the report. In G.O. No 2776 W dated 28th September 1896 the action of the Supty Engineer in this respect and in having authorised the completion of the work to the top of basement was approved and he was directed to arrange for the very early submission of the revised estimate.

3. Additions

3 Additions to the District Press and Treasury, considered necessary by the Collector and the Board of Revenue, were ordered by Govern-ment to be estimated for by the Consulting Architect. The necessity for the latter Officer having had to consult the local Revenue and P.W Officers delayed the submission of the estimate. In G.O No 1109W dated 9th April 1897, the Supdg Engineer was however authorised to proceed with the work in anticipation of sanction to the revised estimate.

4. In July 1897, a revised estimate of Rs 1.77.200 was submitted by the Supdg Engineer. This was returned to the Consulting Architect for further revision vide endorsement No 4161C dated 13th October 1897.

5. In March 1898, a second revised estimate, amounting to Rs 185.500, was submitted by the Supdg Engineer. In the meantime, the Chief Engineer inspected the work, and being doubtful whether the proposed tower could be safely carried on the slender granite columns provided, forwarded the plans of the tower to the Consulting Architect for revision.

6. A complete revised estimate pro-viding for all the additions required by the Revenue Authorities has now been submitted and amounts to Rs 195.100, or Rs 69.300 in excess of the original sanctioned estimate.

6. With the revised estimate, the Supdg Engineer forwards a comparative statement consisting of no less than 103 items. The main excesses are due to

		Rs
(a)	Increase in rates	12.913
(b)	Deviations in design	20.357
(c)	Deviations in materials	7.561
(d)	Additions and alterations	16.905
(e)	Change of site	7.243
(f)	Errors and omissions	4.873
(g)	General and petty charges	898
	Total	Rs 70.750
	Deduct savings	Rs 1.450
	Net excess	Rs 69.300.

Item (a). This increase is chiefly due to the enhanced rates for brick work approved in G.O No 2776W dated 28th September 1896.

Item (b). The chief items of excess under this head are (1) the addition of domes instead of central tower (2) ornamental cut stone cornices and corbels as designed by the Consulting Architect (3) a compound wall with gates instead of wire fencing and (4) roofing with Mangalore tiles over flat tiles embedded in mortar

Item (c). The principal deviations in materials are (1) cut stone wall plates instead of wood, (3) cut stone sills to doors, (3) stone floor instead of

of concrete and (4) copper instead of iron for lightning conductors.

Item (d) The bulk of the excess under this head is due to additions and alterations in Treasury and Press Office, which were considered necessary after the original estimate was sanctioned, and which were approved by Government.

Item (e) This item of excess is ascribed to change of site and represents compensation for land and increased cost of levelling ground.

Item (f) The chief items omitted in the original and included in the revised estimate are (1) certain arch work, (2) ~~Learning~~ Framing wood-work (3) scaffolding, (4) Shed for materials and (5) taking extra measurements for rims and windows instead of inner as originally taken.

Item (g) represents the increase in supervision charges.

7. It is observed that the additions and alterations were all necessary to make a sound, complete and stable building and that the work has been well carried out. The Supdg Engineer reports that the buildings should be ready for occupation before the close of the current official year.

8. With the above remarks, the estimate is recommended for the sanction of Government.

4/8

E.W.

4.8.99

Flag V

TKS

113.

Public Works Department.

Current No. 6015

Letter No 339 W

Dated 21st July 1899

From the S.E.V Circle

1766

NOTE BY TECHNICAL SECTION.

Name of work Constructing Public Offices at Tanjore.

Revised Est: Rs: 195100

The original Estimate for these Offices was sanctioned in G.O.N° 1705 W dt 11.7.95 and amounted to Rs:1,25800. The work was started in June 1896 and while the foundations and basement were in progress, it was found that the rate provided for brickwork had increased from Rs: 15/10 to Rs 26/ per unit. The reason for this increase as explained in the report is stated to be due to the use of table moulded bricks instead of ground moulded bricks as originally provided. The work was stopped and a report made to Govt. In G.O.N° 2776 W dt 28 Sept: 1896, a revised Estimate was called for, and in G.O.N° 1007 W dt 9-4-97 the work was ordered to be proceeded with pending submission of the revised Estimate.

After much lengthy correspondence and delay in regard to certain alterations and additions in the Treasury building the revised Estimate amounting to Rs: 185000 was submitted on the 7th Feby: 1898. In the meantime the Chief Engr: for Buildings inspected the work and was doubtful if whether the

We this work is approaching completion the Estimate may be sanctioned

HH 31/7

Yes. I believe the additions & alterations were all necessary to make a sound, complete & stable building. The work has been well built & is worthy of money spent on it. Submit for sanction

2-8-99

[P. W. 60.
250—5-9-98.]

ed tower could be safely carried on the slender granite columns provided and directed that the plan should be sent to the C.A. for revision - The revised Estimate was also sent through the C.A. with instructions to submit a complete revised Estimate as per any alterations &c he may make. This complete Estimate is now submitted and amounts to Rs. 195100

In communication with the Revenue Authorities, all the ~~finish~~ additional requirements were finally decided upon and have been included in this Estimate.

The following items have now been included in this Estimate.

1. Wooden pinnacles covered with Copper, Gilded & instead of Stone
2. Ornamental Corinthian Cornices.
3. Skylights (these might not be necessary)
4. Tarring to preserve wood.
5. Punkah Wheels.
6. Rattan blinds. Chicks
7. Additional room to Press office

The following are alterations to change of design.

1. Omission of Central Tower and domes added to angle towers and over front and rear Verandahs.
2. Extension of service pipes for supply of water
3. Flooring with burnt stone instead of ordinary Concrete and Cement to Treasury & Press rooms.
4. Roofing with Mangalore over flat tiles embedded in mortar
5. Pointing with Surkie instead of black mortar
6. Compound wall instead of Wire fencing

The total Estimate comprises the following building -

	Original Estimate	Revised Estimate	Excess
1. Main building	69218	104115	36897
2. Treasury	24183	40115	15932
3. Record room	17261	20475	3214
4. Press office	7479	16100	8621
5. Lamp room	647	770	123
6. Waiting shed	1209	1520	311
7. Coach House and Stable	1376	1675	299
8 Jiffen room	1073	1440	367
9 Latrine	1183	1400	217
10 Compound wall with gates. originally wire fence	4171	5395 / 2095	3319
11. Roads			
Total Rs	125800	195100	69300

The Comparative Statement is composed of a number of items and the cause of Excess might be stated as follows.

	Rs:
(a) Increases in rates	12913
(b) Deviations in design	20357
(c) Deviations in materials	7561
(d) Errors and Omissions	4873
(e) Compensation	6793
(f) Additions & alterations	16905
(g) General safety charges	8985
(h) Change of Site	451
Total Rupees	70750
Deduct Savings	1450
Total Excess Rs:	69300

(a) The increase in rate due chiefly due to the enhanced rates for brickwork - sanctioned in G.O. 2776 dt 20. Sep/96.

(b) The Excess under this head is due to deviation in design - such as the addition of domes instead of Central tower - Ornamental Cornices and verbeck &c as revised by C.A. Also a Compound w

with Galis instead of wire fencing and Roofing with mangalore tiles over flat tiles embedded in mortar.

(c) Deviations under this head due to cut stone wall plates instead of wood - cut stone sills to doors - stone floor instead of concrete - copper instead of iron for lightening conductor &c.

(d) Due to omission of certain structural work - turning woodwork - Scaffolding - sheet for materials and taking outside measurements for doors windows instead of inside as originally taken

(e) New site - Compensation paid

(f) Due chiefly to alterations & additions in Treasury & Press Office - additional room to Press Office - Provision for Sky lights - pipes for water supply - Rattan blinds &c.

(g) Increase in Subvision charges.

(h) Increased cost of levelling ground &c, due to change of site

(i) Savings.

The S.E reports that the work is well advanced and should be ready for occupation before the end of the Official year

The delay in the submission of the revised Estimate is said to be due chiefly to alterations in design.

Dw.

Submitted for orders.

The expenditure on the work to end of 1898-99 is Rs 1,42,382 and the current year's grant is Rs 33,000.

28/7/99

Approved.
28.VII.99

Public Works (1899) Department.

CURRENT No. 6015

From The Supdg Engineer & Civil

Order

No. 399 W

Dated 21st July 1899

Received 22-7-99

Registered

Enclosures 2 Plans 10 Estimates 15 2 Statements 2

Spare copies

SUBJECT.

Public Offices at Trivandrum

Submitting for Sanction of Govt revised Estimate of Rs 1,90,000 for Construction of the -

I/ Forwarding

Asst 24/7/99

HC

OLS 341 R 16/8

unit Gates instead of wire fencing.

BACK PAPERS.

No.	Date.
690 C	31-1-99
19 C	2-1-99
516 C	2-12-98
3980 C	10-9-98
3718 C	26-8-98
3055 C	5-7-98
3011 C A	30-6-98
2797 C	10-6-98
2686 C	30-5-98
	Filed

FURTHER PAPERS.

No.	Date.

SUPERINTENDING ENGINEER'S OFFICE,
V Circle, Madras,
Chepâk, 21st July 189 9.

No. 399 W

From

Samuel A.W. Smart Esq

SUPERINTENDING ENGINEER,
V CIRCLE.

To

THE Chief Engineer
P.W. Department

SIR,

With reference to your Memorandum
Enclosures. 24 No. 3011 C dated 30 June 1899 I have the
Report
General Abstract
Estimate
Comparative
Statement
Detailed Estt.
Plans
Survey
honour to resubmit for sanction of Government
the enclosed revised estimate amounting to
Rs 1,95,000 with report and comparative state-
ment for constructing Public offices at Tanjore
showing an excess of Rs 69,300/ over the original
estimate of Rs 125,800/ sanctioned in G.O. No
1705 W. dated 11th July 1895.

2. The increased rates for brickwork have
been approved in G.O. No 2776 W dated 28th
September 1896.

3. The cause of excess is due partly to
additional accommodation provided for the
Treasury and District Cress &c. and partly to the
increased

increased rates allowed for brick and stone
work &c and also to the cost of the new site.

The work is well advanced and should may be
ready for occupation before the end of the
present official year. There has been great
delay in the submission of this estimate
chiefly due to alterations in design.

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

Lieutenant Colonel RE
Supg. Engineer 5 Circle

5P