C No. 10588

Govt. of 1894 Madras.
PUBLIC WORKS.

Dated 10/2/94

Recd. Encl.

G.O. 9th Feby 1894 No. 348W

Jubilee Museum
and Technical
Institute at Bezwada

=

Revised Estimate
of Rs 27,500 for the
construction of the —
in Kistna District
sanctioned with
remarks.

100

J. C. 9/2/11

INDEXED.
9/2

12—2,000—93.

9th February 1894, No. 348 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From J. W. MARTIN, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Bezwada, 8th December 1893, No. 2188 K.S.

I have the honour, as requested by the President, District Board, Kistna, to forward herewith, for your approval and sanction of Government, a second revised estimate, amounting to Rs. 27,500, for constructing Jubliee Museum at Bezwada together with comparative statement and a copy of District Board's resolution sanctioning the estimate. A copy of President's letter No. 2245, dated 4th December 1893, is also sent herewith for information.

2. Early sanction to the estimate is solicited as the grant of additional funds applied for has not been sanctioned owing to the want of sanction to the revised estimate—*vide* G.O., No. 2697 W., dated 24th October 1893.

Note by the Chief Engineer, Public Works Department.

The second revised estimate for constructing Jubilee Museum and Technical Institute at Bezwada amounts to Rs. 27,500, or Rs. 8,494 more than the first revised estimate.

This excess is due to—

	RS.
(*a*) Items not provided for in the original estimate which include Terra-cotta ornamentation between cornices, barbed wire fencing, and making approaches	2,212
(*b*) The substitution of Napa stone for the flooring in place of concrete	1,746
(*c*) Increase of rates	4,275
(*d*) Other items	261

The estimate has been sanctioned by the District Board; excesses (*a*), (*b*) and (*d*) are therefore approved.

As regards (*c*), it is noted that many of the rates now entered are largely in excess of schedule rates.

A closer estimate should also have been made in the first instance of the cost of the ornamental work which has been much under-estimated.

Data should now be submitted for—

	RS.
Plastering	14
Terracing—	
7″ thick	36
9″ thick	52

As regards this latter item, it is noted that it is now proposed to finish the roof with a layer of brick jelly, two courses of flat tiles, and Portland cement plaster. Mr. R. F. Chisholm who designed the building considered that the roof he proposed was the *best* and *cheapest* that he knew of, that it required no cement, that it was 25 per cent. lighter and 50 per cent. cheaper than orninary fire-proof roofing, and that he never adopted any other form of terraced roof.

This roof, as now estimated for, is a very expensive one, and further information should be afforded by the Superintending Engineer as to the unsuitableness of the original design.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

30th January 1894.

ORDER—dated 9th February 1894, No. 348 W., Public Works.

The revised estimate, amounting to Rs. 27,500, for the construction of Jubilee Museum and Technical Institute at Bezwada in the Kistna district, is sanctioned.

2. The attention of the Superintending Engineer, II Circle, is drawn to the Chief Engineer's note recorded above, the information called for in which should be submitted.

3. The expenditure on the building to the end of 1892–93 was Rs. 17,580 and the current year's grant is Rs. 1,426. The additional allotment required to complete the building is therefore Rs. 10,575 as shown in the margin. Of this sum, Rs. 1,700, or Rs. 2,117 inclusive of percentage charges for establishment and tools and plant, have been provided in the budget estimate for the next official year. The question of allotting the balance, viz., Rs. 8,458, in the current year will be considered in the Local and Municipal Department. The present figures supersede those given in paragraph 6 of G.O., No. 2697 W., dated 24th October 1893.

	RS.
Works	8,494
Establishment	1,954
Tools and plant	127
Total ...	10,575

4. The sanction accorded in paragraph 1 has been registered as Local No. 33 W. of 1893–94.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle, with estimate.
„ Examiner, Public Works Accounts.
„ Local and Municipal Department.
Editors' Table.

Exd. C. A. Munisawmy.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1894} Madras.

PUBLIC WORKS.

Dated February, 9th.

Recd. Encl.

G.O., 9th Feb. 1894, No. 348 W.

FEBRUARY.

Jubilee Museum and Technical Institute at Bezwada

Revised estimate of Rs. 27,500 for the construction of the — in Kistna district, sanctioned with remarks.

Proceedings of the District Board, Kistna, passed at a meeting held at Bezwada on Friday the 10th November 1893.

I

Read letter No. 2828 d/ 4th September 1893, bearing the Superintending Engineer's endorsement No. 1492 K.S./21-9-93 forwarding for sanction a 2nd revised Estimate for Rs 27,500 for Constructing Jubilee Museum at Bezwada.

Resolution:— Sanctioned. Funds will be provided as soon as available.

(Sd) J. N. Atkinson
(True Extract) President.

Ref on C. No. 2245/D.B. of 1893.

Communicated to the Supg: Engineer, 2nd Circle, with reference to his Endorsement No. 1492 K.S./21.9.93, with a request that he will be good enough to obtain the sanction of Government for the Revised Estimate of Rs 27,500 for Constg: Jubilee Museum at Bezwada.

2. The Revised Estimate and the Comparative Statement are herein

herein enclosed.

(Sd) Syed Ally
for President.

(True Copy)

J.W. Martin
Supg: Engineer
2nd Circle

26
7-12-93

344W

P.W.E. 1
6588/93

1P

Superintending Engineer's Office.

No. 2188/ks.

II CIRCLE, Bezwada
Dated 8th Decr. 1893.

From,

J. W. Martin Esquire,
Superintending Engineer,
II Circle.

To,

The Chief Engineer,
P. W. Department,
Madras.

Encs: 4

1. abst. Est.
1. Comparative Statement
1. copy of Dt. Board's resolution
1. President's letter No. 2245 / 4.12.93

4

Sir,

I have the honor as requested by the President District Board, Kistna, to forward herewith for your approval and sanction of Govt. a second revised Estimate amounting to Rs 27,500 for Constructing Jubilee Museum at Bezwada together with Comparative statement and a copy of District Board's Resolution sanctioning the Estimate. A copy of President's letter No. 2245 d/ 4th Decr/93 is also sent herewith for information.

2. Early sanction to the Estimate is solicited as the grant of additional funds applied for has not been sanctioned owing to the want of sanction to the revised Estimate - Vide G.O. No. 2697 W d/ 24th Octor/93.

I have the honor to be
Sir
Your most obt. Servant
J.W. Martin

P. W. CURRENT No. 10588

From

The Supdg. Engineer
2nd Circle

To,
The Chief Engineer
P. W. Dept.
Madras.

Recd: 12-12-93

Dated 8th
Despd. 10th } Decr./93
No. 2188 Ks

Encs 4.

Bezwada – Jubilee Museum at – Submits revised estimate for – for sanction.

6

From,
The Superintending Engineer,
II Circle.

To,
The

Dated
Received } 18

Enclosures.

NO.

SUBJECT.

No. 1841 W d/ 11-7-89 ✓
– 2697 W " 24-10-93 ✓

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x Note

Amount, Rs. 19,006 – Sanctioned by the Bd. Board in supersession of the estimate of Rs. 18,663 sanctioned in G.O. 1841 W d/ 11.7.89.

20

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

The Second revised estimate for Constructing Jubilee Museum and Technical Institute at Bezwada amounts to Rs. 27,500, or Rs. 8494 more than the 1st revised estimate.x This excess is due to

(a) Items not provided for in the original estimate, which include Terracotta ornamentation between cornices, barbed wire fencing, and making approaches Rs. 2,[illegible]

(b) The Substitution of Napa Stone for the flooring in place of Concrete — Rs. 174

(c) Increase of rates, Rs. 4,27

(d) other items — " 261

The

The estimate has been sanctioned by the District Board; excesses a, b, and d, are therefore approved.

As regards c, it is noted that many of the rates now entered are largely in excess of schedule rates.

A closer estimate should also have been made in the first instance of the cost of the ornamental work which has been much under-estimated.

Data should now e submitted for;

Plastering — Rs. 14
Terracing-
7" thick — " 36
— Do — 9" thick — " 52

As regards this latter item, it is noted that it is now proposed to finish the roof with a layer

of

of brick jelly, two Courses of flat tiles, and Portland Cement plaster. Mr. R. F. Chisolm who designed the building considered that the roof he proposed was the best and cheapest that he knew of, that it required no Cement, that it was 25 per cent lighter, and 50 per cent cheaper than ordinary fireproof roofing, and that he never adopted any other form of terraced roof.

This roof as no 5 estimated for is a very expensive one, and further information should be afforded by the Superintending Engineer as to the

un

unsuitableness of the original design.

O.V.S
30.1.94

20 v

E.W

Note by S.E.

The 2nd Revised Estimate for constructing & Jubilee Museum and Technical Institute at Bezwada amounts to Rs 27.500, or Rs 8494 more than the 1st Revised Estimate.

This excess is due to

(a) Items not provided for in the original Estō. which include Terra cotta ornamentation between cornices, Barbed wire fencing, and making approaches.
- Rs 2212

(b) The substitution of Napa stone for the flooring, in place of concrete - Rs 1746

(c)
Increase of rates
Rs 4275

(d) Other items Rs 261

Public Works Department.

Napa stones substitution
for concrete floor. ——— 1,7
C. Over. 82

The Estimate has been sanctioned by the Distt. Board; excesses (a) (b) and (d) are therefore approved.

As regards (c) it is noted that many of the rates now entered are largely in excess of schedule rates.

A closer estimate should also have been made in the first instance of the cost of the ornamental work which has been under estimated –

Data should now be submitted for

Plastering – Rs 14
Terracing – 7" thick – Rs 36
Do 9" thick – Rs 52.

As regards this latter item it is noted that it is now proposed to finish the roof with a layer of brick jelly, two courses of flat tiles, and Portland cement plaster –

Mr R. F. Chisholm who designed the building, considered that the roof he proposed was the best and cheapest that he knew of, that it required no cement, that it was 25 per cent lighter, and 50 per cent cheaper than ordinary fire proof roofing, and that he never adopted any other form of terraced roof –

This roof as now estimated for is a very expensive one, and further information should be afforded by the D.E. as to the unsuitableness of the original design.

OVH
[illegible]

Sanction
OVH

J 22/1

B 25/1/9

Public Works Department.

[illegible] for concrete floor. ——— 1,763
C. Over. 8250

To S.W.

We have no orders on the subject of the 1st revised estimate. It was apparently sanctioned by the Dt. Board 9-8-90.

Please see original statement marked in Bundled file of G.O. No. 1658 W. of 26-6-93.

Public Works Department.

Current No. 10,588

Letter No. 2188 K.S.

Dated 8th December 1893

From the Supdg. Engineer II Circle

NOTE BY TECHNICAL SECTION.

Name of work Constructing Jubilee Mu:
:seum at Bezwada. Kistna Dist.

Amount of revised Estimate 27,500

At the request of the President Dist. Board, Kistna, the Supdg. Engr. II Circle submits a second re:vised estimate amounting to Rs 27,500 for Constructing Jubilee Museum at Bezwada for the early sanction of Govt.

This revised estimate exceeds the 1st revised estimate of Rs 19,006 by Rs 8,494 or 44·69 % & this excess is made up as follows

(a)	Items due to insufficient rates provided in ~~original~~ 1st revised estimate	Rs 4,275
(b)	Do. due to omissions in ori:ginal estimate now pro:vided for	2,212
(c)	Due to deviation in flooring, Napa stones substituted for concrete floor	1,763
	C. Over.	8,250

	B/f. Rs	8,250
(d)	Due to Petty expansion —	654
	Total Rs	8,904
	Deduct savings on the item of Contingencies & interior plastering —	410
	Total excess Rs	8,494

Item (a) the following rates are largely in excess of the sanctioned rates & no data has been submitted for these high rates.

Cut stone ———	..-12..	against	..-10..
Do. for archwork.	1-..-..	do	..-10..
Dressing faces —	16-..-..	do	11-..-..
Interior plastering.	14-..-..	do	8-..-.. ext.
Terracing 7" thick	36-..-..	do	20-..-..
Do. — 9" thick	52-..-..	do	25-..-..
Doors & windows.	1-2-..	do	..-12-..
Stair case —	3-12-..	do	2-..-..
Parapets complete	6-4-..	do	4-..-..
Carved wooden corbels	5-..-..	do	1-8-..

Includes plastering with P. Cement.

Item (b) the following are the omissions now provided for.

ornamental terracotta band below cornice — Rs	1022
Scaffolding ———	150
Wire fencing ——	670
Forming road & clearing site	200
Bamboo matting for floor.	65
Shed for materials —	95.

The revised estimate has not been countersigned by the President Dist. Board but it has however been sanctioned in Dist. Boards Proceedings dated 10th Novr. 93 & submitted for Govt. sanction

12.1.94.

Also increase largely due to substitution of Cuddapah stone flooring in lieu of concrete

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(A)

No. 348 W d/ 9th February 1894.

PUBLIC WORKS DEPARTMENT

B.P.R.
Civil Works

PROCEEDINGS OF THE MADRAS GOVERNMENT.

L/P

READ the following

From the S.E. II Circle No: 2188 Ks d/ 8. 12. 93

Note by the Chief Engineer, P.W.D. d/ 30-1-94

w
6 Feb.

The revised estimate, amounting to Rs. 27,500, for the Construction of Jubilee Museum and Technical Institute at Bezwada in the Kistna District, is sanctioned.

2. The attention of the Suptg. Engineer II Circle is drawn to the Chief Engineer's note recorded above, the information called for in which should be submitted.

3. The expenditure on building to the end of 1892-93 was Rs. 17,580 and the Current year's grant is Rs. 1426. The additional allotment required to Complete the

Note

It is proposed to place this G.O. on the Editors' Table

(40—2,000—11-10-93