M.R.O. 1—10,006—28-2-50.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No. 3039 Press

B.P. ~~No.~~ Mis.-

295-296

Dated 17-12-1873 ~~195~~ .

Not to be folded or roughly handled

No. 295. Read the following endorsement of the Inspecting Engineer for Civil and Military Buildings, dated Chepauk, 22nd November 1873, No. 1,552 :—

From Captain H. M. VIBART, R.E., District Engineer, Bangalore, to Colonel E. A. FOORD, R.E, Inspecting Engineer for Civil and Military Buildings, dated Bangalore, 20th November 1873, No. 217.

WITH reference to your letter, No. 1,494, dated 14th November 1873, I have the honour to furnish the following information regarding the excess of expenditure on the portico to St. John's Church :—

1st.—A special Maistry had to be put in charge of this work alone, at the rate of Rupees 25 per month.

2nd.—*The Foundations and Basement.*—Through stones were used varying in length from 3 feet to 8 feet.

3rd.—*Superstructure. Brick-in-chunam.*—The bricks were carefully sorted and soaked in water for several hours before being used. The bricks forming the inner face of the piers for arches were carefully rubbed to form the moulding. The rate in the original estimate did not allow sufficient for the scaffolding.

4th.—*Archwork. Brick-in-chunam.*—The faces of the arches instead of being built plain were built forming a deep moulding. The bricks were very carefully sorted and rubbed to form the moulding. Extra large centrings had to be built.

5th.—*Cornice Work.*—The projection and depth of the moulding is at least double that of the usual cornice work. The bricks were sorted and rubbed to form the moulding, the same as for the faces of the arches. The pinnacles were not built plain as shown on the plan, but were built in keeping with the others on the church, which were double the height of the pinnacles on the plan, and having an ornamental top, and the four sides ornamental plastering. Extra scaffolding was required for this work.

6th.—The price of the chunam rose and the chunam had to be carted from the Bakery Square in small quantities as required, as there was no room for storing it at the church.

A REVISED estimate, in the form of a comparative statement, amounting to Rupees 1,300, for constructing a portico at the south-west end of St. John's Church at Bangalore, is forwarded for the sanction of Government.

Comparative Statement.

2. The original estimate for this work amounted to Rupees 900, and was sanctioned in G. O., No. 179, dated 19th February 1873. The rates allowed in that estimate were those in existence for ordinary work, but as a better description of work to match the existing building had to be carried out, the cost of the work has exceeded the estimate by Rupees 400.

3. The increase in the rate for stone, etc., in chunam was caused partially by the high rate of chunam at the time the work was carried out.

4. The District Engineer proposes to transfer the sum of Rupees 400 required for this work from the allotment of Rupees 500 under Minor New Works, Civil Buildings, Provincial.

(Signed) E. A. FOORD, Colonel, R.E.,
Inspecting Engineer for Civil and Military Buildings.

No. 296. ORDER THEREON, 17th December 1873, No. 3,039.

CIVIL WORKS, No. 23.

THE revised estimate of Rupees 1,300, which represents the actual expenditure incurred on the construction of a portico at the south-west end of St. John's Church at Bangalore is, under the explanations furnished, sanctioned. Funds to meet the excess of Rupees 400 will be met in the manner proposed by the District Engineer.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Bangalore.
" Inspecting Engineer for Buildings.
" Officiating Controller of Public Works Accounts.

Exd. W. H. French.
Spare Copies

District Engineer's Office

No. 217. Bangalore, 20th November 1873.

From

The District Engineer

Bangalore

To

The Inspecting Engineer

for Civil & Military Buildings

Madras.

Sir,

With reference to your letter No. 149, dated 14th November 1873, I have the honor to furnish the following information regarding the excess of expenditure on the Portico to Saint John's Church.

1st. A special Maistry had to be put in charge of this work alone, at the rate of Rs. 25 per month.

2nd. The foundations and basement. Through stones were used varying in length from 3' to 8'

3rd. Superstructure. Brick in chunam. The bricks were carefully sorted and soaked in water for several hours before being used. The bricks forming the inner

face

faces of the piers for arches were carefully rubbed to form the mouldings. The rate in the original estimate did not allow sufficient for the scaffolding.

4th Arch work, Brick in Chunam. The faces of the arches instead of being built plain, were built forming a deep moulding. The bricks were very carefully sorted and rubbed to form the moulding. Extra large centrings had to be built.

5th Cornice work. The projection and depth of the moulding is at least double that of the usual cornice work. The bricks were sorted and rubbed to form the moulding, the same as for the faces of the arches. The Pinnacles were not built plain as shown on the plan, but were built in keeping with the others on the church, which were double the height of the Pinnacles on the plan and having an ornamental top; and the four side ornamental plastering. Extra scaffolding was required for this work.

6th The price of the chunam was [illegible] and the chunam had to be carted from the Bakery square in small quantities as required, as there was no room for storing it at the church.

I have &c

(Signed) H. M. Tibbert Captain R.E.
District Engineer Bangalore

No. 1552

A revised estimate, in the form of a comparative statement amounting to Rs. 1300, for constructing a Portico at the South west end of St John's Church at Bangalore, is forwarded for the sanction of Government.

Enclosure 1
Comparative Statement.

2. The original estimate for this work amounted to Rs. 900 and was sanctioned in G.O. No. 179, dated 19th February 1873. The rates allowed in that estimate were those in existence for ordinary work, but as a better description of work, to match the existing building

building had to be carried out, the cost of the work has exceeded the estimate by Rs. 4.00.

3. The increase in the rate for stone viz. in chunam was caused partially by the high rate of chunam at the time the work was carried out.

4. The District Engineer proposes to transfer the sum of Rs. 4.00 required for this work, from the allotment of Rs. 500 under Minor New Works, Civil Buildings, Provincial.

Office of the Inspg Engr
for Civil & Mily Buildings
Chepauk 22 Nov. 1873

E A Ford Capt RE.
Inspecting Engineer for
Civil & Military Buildings

To,
Colonel G. W. Walker R.E.
Secretary to Government P.W.D.

Comparative Statement shewing the difference between the Sanctioned Estimate and the work actually executed for the Porties to the Saint John's Church at Baugalore.

Description of work	Per	Estimate Quantity	Rate	Amount	Work actually executed Quantity	Rate	Amount	Increase	Decrease	Remarks.
Dismantling brick work	Cft.	254	.. 2	3	254	.. 2	3	..	..	
Removing steps	Rft.	36	.. ..	1	36	.. ..	1	"	"	
—— Doors	E	3	.. 5 ..	1	3	.. 5 .	1	"	"	
Excavation	Cft.	342	.. 1	2	342	.. 1	2	"	"	
Foundation stone in Chunam	"	342	.. 2 6	53	342	.. 3 ..	64	11	..	Bond stones used
Basement stone in Chunam	"	187	.. 2 6	29	187	.. 3 6	41	12	..	—D°—D°—D°
Superstructure brick in Chunam	"	1752	.. 2 9	301	1752	.. 3 9	411	110	..	Scaffolding
Arch work —— D°	"	219	.. 4 ..	55	219	.. 10 ..	137	82	..	Extra Centering and scaffolding
Stone slabs for steps stock on hand	Rft.	26	.. 2 ..	3	26	.. 2 ..	3	"	"	
Stone slabs for window sills	"	12	1 ..	12	12	1 ..	12	"	"	
Cornice work brick in Chunam	"	220	.. 4 ..	55 ~~66~~	220	.. 15 ..	206	151 ~~166~~	..	Deeper moulding Extra lab
Plastering with two coats of Chunam	Sqr.	27.26	2 8 ..	68	27.26	3 8 ..	95	27	..	Extra labor.
Whitewashing two coats	"	13.15	.. ..	2	13.15	.. 3 ..	2	"	"	
Yellow washing two coats	"	14.11	.. 4 ..	4	14.11	.. 4 ..	4	"	"	
Terracing with brick on edge jelly 3" thick 3 courses of flat tiles & 3 coats of plastering	"	1.43	27 8 ..	39	1.43	27 8 ..	39	"	"	
Teak wood wrought and put up	Cft.	10-5-7	3 8 ..	37	10-5-7	3 8 ..	37	"	"	
Wood oiling two coats	Sqr.	1.30	2 ..	3	1.30	2 ..	3	"	"	
~~Chocolate color~~ painting two coats	"	2.76	5 ..	14	2.76	5 ..	14	"	"	
Wrought Iron spouts 3 inner ⅞ & ⅛ thick	Rft.	10	.. 12 ..	8	10	.. 6 ..	4	..	4	Spout used instead wrought Iron
Pair of pannelled door including gothic top (4×10¾) with frames & fittings complete	E	1	53 12 ..	54	1	60 ..	60	6	"	Extra work in mould. of pannels.
—— Windows including gothic top (2×9) venetioned shutters outside & glazed shutters inside with frames & fittings complete	E	3	36 12 ..	110	2	36 12 ..	74	..	36	Only two windows were required.
Sqrs of Gravelling	Sqr.	3.60	1 ..	4	9.00	1 ..	9	5	"	Larger surface of Terrace had to be gravelled.
	Total	85⅔					1222 ~~404~~	407	40	
Sundries		47/9					78	~~39~~ 37	.	
Total Rupees		900					1300	440	40	
Deduct Amount Sanctioned in G.O. Nos 179 & 17 & 64/73							900			
Amount Requiring Sanction							400			

Dist^t Engineers Office
Baugalore 8th November 1873.

Ed Ford Colonel R.E.
Insp^g Eng^r for Buildings

A Christian Vibart Captain R.E.
District Engineer Baugalore.

Bangalore District.

Enclosure in a Letter
No. 1552 dated 22 Novr. 1873.

G.O. No. 3039 - 17 - 12 - 73

P.W. 639/73.

Comparative Statement for Constructing Portico at the South West end of Saint Johns Church at Bangalore.

Revised Estimate Rs. 1,300.
Sanctioned do " 900
Amount requiring Sanction Rs. 400

P. W. 1873 Depart

(5)

From No. 6396.

The Superintending Engineer

for Buildings

To

The Secretary to

Govt. P.W.D.

No. 1552

Dated 22 } Nov. 1873

Recd 24 } Nov. 1873

24th

Encls: 1

Forwards for sanction a revised estimate in the form of a comparative statement amounting to Rs. 13,300 for constructing a Portico at the South west end of St. John Church at Bangalore & explains the cause of the excess over the original estimate.

With Encl.

The Revised Estimate for Rs. 13,300 submitted with the Superintending Engineer's No. 6396 dated 22nd instant for the construction of a Portico at the South west end of St. John's Church at Bangalore, is under the Executive Engineer's charge, and it appears to be necessary, and sanctioned. Funds Rs. 400 will be met in the Budget Estimate for the current year 1873-74.

Dated 24th Nov. 1873.

Executive Engineer.

Recd. 27-11-73.

Copy

Chief Engr.

Dept.

No. 639

Govt. of [1873] Madras.

PUBLIC WORKS.

To The District Engr
Bangalore

Dated

Recd.

Encl 1

G. O. 17th Dec 1873. No 3039

3085

Nos. 245 & 246

St. Johns Church at Bangalore. Revised Est. for the construction of a Portico at the South West End of the Church, sanctioned.