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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No.	747. W	Press.
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Dated	8.3.1883	198 .

Not to be folded or roughly handled

749
2/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 54.

Read—the following paper :—

No. 96.

Report to accompany the Revised Estimate of Rs. 38,220 for erecting the Bark Drying Shed, Bark Store and Water Supply for the Chinchona Plantation at Naduvatom, in Nilgiri Division.

The estimate on which the work is now being carried on is Rs. 31,074, which was sanctioned in G.O., No. 2975 W., dated 29th November 1881 ; the principal items of the excess (Rs. 7,146) are as follow :—

1 Detailed Estimate with Abstract.	
1 Abstract Estimate.	
1 Comparative Statement.	
2 Plans.	
1 Report.	
(1.) Rough-stone in chunam	Rs. 213
(2.) Brick-work	1,731
(3.) Six iron trusses	1,560
(4.) Other iron and wood work	1,111
(5.) Earthwork for foundations and levelling ground	511
(6.) Four stand-pipes or hydrants	210
(7.) Blasting and removing rocks	168
(8.) Temporary shed for stores	300
(9.) Other petty items	167
(10.) Losses in brick-making	336
(11.) Contingencies and superintendence	845
Total Excess	7,146

2. The excess on item No. 1 is due to the extra foundation found necessary in carrying out the work. The excess on item No. 2 is due to the substitution of brick in chunam for brick in mud for all exposed portions of the work, the general collapse of brick-in-mud buildings at Naduvatom in last monsoon having shown this to be absolutely necessary. The excess on item 3 is the actual extra cost of getting the iron trusses, which were obtained from the Public Works Workshops ; they had been greatly under-estimated.

3. The excess on item No. 4, other wood and iron work, is simply due to the insufficiency of the rates previously estimated as suitable for such work at Naduvatom.

4. Items 5 to 10 have been found necessary to cover extra works not provided for in the original estimate.

5. The excess shown on item 11 may, to a large extent, be found unnecessary, but as the work is of an exceptional character in a peculiar locality, it is thought best to provide some margin against possible contingencies.

6. The following statement shows the proportion of the excess appertaining to each of the works :—

	Original Estimate.	Revised Estimate.	Increase.
	RS.	RS.	RS.
(1.) Bark Drying Shed	17,400	21,719	4,319
(2.) Bark Store	11,390	13,779	2,389
(3.) Providing a cistern and cast-iron piping for water-supply	2,284	2,722	438
Total	31,074	38,220	7,146

7. With the above explanation the revised estimate of Rs. 38,220 is recommended for sanction. The Executive Engineer reports that the works are making good progress.

ENODE,
27th February 1883.

(Signed) J. BEATTY, Colonel, R.E.,
Superintending Engineer, Fourth Circle.

To the Chief Engineer, Public Works Department.

No. 55.

ORDER—dated 8th March 1883, No. 749 W., Public Works.

The revised estimate, amounting to Rs. 38,220, for constructing Chinchona buildings at Naduvattam, in the Nilgiri Division, is sanctioned.

2. The excess of Rs. 7,146 over the estimate for Rs. 31,074, sanctioned in G.O. No. 2975 W., dated 29th November 1881, is explained in the Superintending Engineer's report above recorded.

3. The expenditure to the end of 1881-82 amounted to Rs. 4,971, and the grant for the current official year stands at Rs. 18,374. Early application should be submitted next official year for the balance required to complete the work.

4. This sanction has been registered as Provincial No. 263 W. of 1882-83 and classified as Civil Buildings, Original Works. Provincial No. 102 W. of 1881-82 is cancelled.

(True Extract.)

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

To the Superintending Engineer, Fourth Circle, with six Enclosures.
" Examiner, Public Works Accounts, with duplicate Abstract Estimate.
" Revenue Department.

Exd. A. F. Goodall.
Spare Copies

749
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1883) Madras.

PUBLIC WORKS.

Dated March, 8th.

Recd.

Encl.

G.O., 8th March 1883, No. 749 W.

MARCH.

Nos. 54-55.

Chinchona Buildings

A revised estimate for constructing — at
Naduvattam, in the Nilgiri Division, sanc-
tioned.

No. 96

Report to accompany the revised
estimate of Rs 38,220 for erecting the
Bark Drying Shed, Bark store and water
supply for the Cinchona plantation at
Naduvattam in Nilgiri Division.

Enclosure 7 The estimate on which the work
is now being carried on is Rs 31,074 which
was sanctioned in P. O. No. 2975 W dated
29th November 1881, the principal items of
the excess (Rs 7,146) are as follow:—

(1) Rough stone in Chinnam.	213.
(2) Brick work.	1731
(3) Six iron trusses.	1500.
(4) Other iron and wood work.	1111
(5) Earth work for foundations and levelling grounds.	511
(6) Four stand pipes or hydrants.	210
(7) Blasting and removing rocks.	168.
(8) Temporary shed for stores.	300.
(9) Other petty items.	167
(10) Losses in brick making.	330
(11) Contingencies and Superintendence.	848

Total Excess Rupees. 7146.

2. The excess on item No 1 is due to the
extra

Extra foundation found necessary in carrying out the work. The excess on item No. 2 is due to the substitution of brick in Chauran for brick in mud for all ^{exposed} portions of the work the general collapse of brick in mud buildings at Meddivallam in last monsoon having shown this to be absolutely necessary. The excess on item 3 is the actual extra cost of getting the iron trusses which were obtained from the P.W. Work-shops; they had been greatly underestimated.

3. The excess on item No. 4; other wood and iron work is simply due to the insufficiency of the rates previously estimated as suitable for such work at Meddivallam.

4. Items 5 to 10 have been found necessary to cover extra works not provided for in the original estimate.

5. The excess shown on item 11 may to a large extent be found unnecessary, but as the work is of an exceptional character in a peculiar locality it is thought best to provide some margin against possible contingencies.

6. The following statements show the

the proportion of the ^{excess} appertaining to each of the works

	Original Estimate.	Revised Estimate.	Excess.
	Rs.	Rs.	Rs.
(1) Bark Drying Shed. —————	17,400	21,719	4,319
(2) Bark Store —————	11,390	13,779	2,389
(3) Providing a cistern and cast iron piping for water supply —————	2,284	2,722	438
Total Rupees. —————	31,074	38,220	7,146

7. With the above explanation the revised estimate of Rs 38,220 is recommended for sanction. The Executive Engineer reports that the works are making good progress.

Camp Erode. 3
27th Feb. 1883. 3
To,

J. Beatty - Civil Eng.
Sd/-, Engr. & Archt.

The Chief Engineer
P.W.D.

From

The Superintending
Fourth Circle

Public Works Department, 1882-83.

Current No. 1898.

Letter No. 96

Dated the 27th February 1883

From the Suptg. Engr. Fourth
Circle

Note of Remarks.

1. This revised estimate of Rs. 38,220 is for creating a Bark - drying shed, Bark store, and water supply for the Chinchona Plantation at Koddliwattam Kilgiri. It exceeds the original (sanctioned in G.O. 2975 of the 29/11/81) by Rs. 7146.
2. The main causes of excess are:— the substitution of 'Brick in Churn' for 'Brick in mud' the latter being deemed unsafe in the case of the outer walls and pillars, Rs. 1431; an increase in the rates originally allowed (which are termed "absurdly low") for the six iron trusses, Rs. 1560; an increase in the rates of other iron and woodwork

Rs. 24750 to 29 11 11
" 3348. 11 18. 10 R

Dated 27th Feb
Recd. 1st March } MS.

No. 96

Enc. 5

Chinchona Plantation

Report to accompany
the revised estimate
of Rs. 38,220 for erecting
the Bark Drying Shed,
Bark Store and Water
Supply for the — at
Koddliwattam in Kilgiri

woodwork Rs. 1111, and
 Rs. 845 for Contingencies.
 This last item, apparently
 excessive, the Supty. Engr.
 considers necessary owing
 to the exceptional nature
 of the work and to the
 peculiarity of the locality.
 The revised estimate
 though otherwise correct,
 has not been countersigned
 by any officer of the
 Forest Department.

5th March 1903
 R. S. A.

C. No. 1878.

F. W. Secretariat.

Note by Budget Section.

749
 16

Work

Remarks and References.

Construction of Chanchana bridge
 at Neduvalam, Kilgiri
 District

Fund Provincial

Service Head Civil Building

Departmental Head Original Estimate

Amount of Estimate Rs. 38220

Expenditure in previous year " 4976

Allotment in current year " 18374

Balance required to complete " 14875

Total Rs. 58220

Note of available funds.

The present revised estimate is in excess of the original
 estimate for Rs. 31074 sanctioned by G.O. No. 2978 N dated
 27th Nov 1901 by Rs. 7146. Rs. 18374 have been sanctioned
 for the work in the current financial year. No provision
 of funds has been made in the Preliminary Budget of the
 Provincial Budget for 1903-04.

CH

Budget Clerk.

6/3

Note by Budget Section.

7496

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Public Works Department.

Under date the 1st of March 1883.
Read the following

89
7/7

From the S.E. 4th Circle No. 96 of 27 Feb 1883.

The revised estimate amounting to Rs 38,220, for constructing lineal buildings at Naduvatan in the Nilgiri Division is sanctioned.

2. The excess of Rs 7,146 over the estimate for Rs 31,074 sanctioned in G.O. No. 2975W of 29th Nov 1881 is explained in the Supply Engr's Report above recorded.

3. The expenditure to the end of 1881-82 amounted to Rs 4,971 & the grant for the current

official year stands at
 Rs 18,374 - Early appli-
 cation should be sub-
 mitted next official
 year for the balance
 required to complete
 the work.

4. This sanction
 has been registered
 as Prob. No. 10 of
 1882-83. & classified
 as Civil Building.
 Original with Prob.
 No 102 of 1882-83
 as cancelled.

See S.P.
 10/3/11 7/2/11

25/11
 14/3
 J. S. Fountaine Clerk
 with 8 enclos.
 East India Co.
 with 10/11/11
 Rev. Debarth

Rev. Secretary for
 Contributions

7 49/8

12/3

P. Mar. 3⁰⁰ 749. A.

3-189

Cochran's buildings

A revised estimate for
constructing ~~at~~
Kadavattam in the
Tilgri ~~to~~ plantation

6500
6

Entered in Receipts Register