(1) Number of pages 28

(2) Date of repair July. 87.

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D DEPARTMENT

G.O. No. B.P. No:	1535 W.	Press. Mis.
Dated	2.6.1883	198 .

Not to be folded or roughly handled

Archives I--10,006 I -80.

1535/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

No. 22 M.D.

Report by the Superintending Engineer on the estimate for constructing a Deputy Tahsildar's Cutcherry with out-houses at Kodaikánal, in the Periyakulam Taluk of the Madura District.

	Estimate. RS.
Deputy Tahsildar's Cutcherry with a Police room and two lock-ups ...	11,810
Ryots' shed	3,250
Cook-house	1,136
Latrine (public)	204
Total ...	16,400

Reference.—G.O., Public Works Department, No. 1691, of 24th June 1874.

"The Deputy Tahsildar now holds office in a small thatched shed built by private individuals as a halting place for merchants. The owners wanted the building to be vacated, but the Collector requested them to let the building be occupied till the new office was built." The above remark was given in the list printed with Government Order quoted above.

7 Plans sent separately.
1 Estimate, &c.
1 Site Plan.
1 Abstract Estimate for Examiner.
1 Statement of Land.

The building was designed by the Executive Engineer, Madura, according to the suggestions made by the Collector, and was forwarded to him for approval and countersignature on the 17th October 1882, but it was returned to alter the original site and to provide for a pit treasury in the Police room similar to the other Cutcherries in the district. The corrected estimate is now submitted and recommended for sanction.

A sketch showing the proposed site is also forwarded, and no provision has been made in the estimate for compensation, as the building is to be constructed on Government land.

The rates entered in the estimate are considered fair.

The work can be built in twelve months after sanction and allotment of funds.

(Signed) H. R. MEAD, Lieut.-Colonel, R.E.,
Superintending Engineer, Sixth Circle.

Trichinopoly,
13th April 1883.

No. 884 C.

MEMORANDUM.

In returning the documents forwarded with letter from the Superintending Engineer, Sixth Circle, No. 22 M.D., dated 13th April 1883, the Chief Engineer has the honor to request that information may be afforded on the following points.

2. With reference to G.O., No. 596, dated 24th February 1869, some explanation should be given as to why it is intended to construct the proposed Deputy Tahsildar's Cutcherry with stone in mud. Kodaikánal is doubtless an exceptional locality, and mortar is probably very expensive, but the point should have been explained in the Superintending Engineer's report.

3. The method proposed of fixing the corrugated iron roof appears to be open to objection. The sheeting is usually fixed to longitudinal purlins, which seems to be very necessary, but it is further remitted for the consideration of the Superintending Engineer whether Mangalore tiles could not be used with advantage. They would afford a simpler and much cooler roof, and probably be cheaper and more water-tight.

4. Information should also be afforded whether shades of some sort will not be necessary for the ventilators, and whether mud plastering will adhere to stone-work.

5. The amount provided in the estimate for contingencies and petty supervision is more than 12 per cent. of the total. This is perhaps owing to the difficulties of the place, but the point should have been explained.

6. Lastly, some explanation should be given as to why so large a sum as Rs. 1,350 is required for "cutting rock."

(By Order.)

Chepauk,
2nd May 1883.

(Signed) C. BOWEN, Major, R.E.,
Ag. Deputy Chief Engineer, P.W.D.

To the Superintending Engineer, Sixth Circle,
with twenty-four Enclosures.

From Lieutenant-Colonel H. R. MEAD, R.E., Superintending Engineer, Sixth Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 9th May 1883, No. 66 M.D.

With reference to your memorandum, No. 884 C., dated 2nd May 1883, I have the honor to report, with reference to the questions asked, as follows.

2. The building is proposed to be built of stone in mud, Kodaikánal being an exceptional locality; there is no limestone on the Palni Hills, and the usual construction is stone in mud, because of the great cost of the chunam stone which would have to be brought up by pack bullocks or ponies from the plains.

3. With regard to the corrugated roofing, as it is to rest on ½ inch planking supported on couples placed under the junction of the sheets, longitudinal purlins are not considered necessary. I think it questionable whether a roof of trusses with purlins 2½ feet apart would not be better; this will be seen to when the work is put in hand.

4. With regard to Mangalore tiling, I am not aware that this description of roof has been used on the Palnis; it would certainly be well suited to the climate, but I fear with the cost of carriage and breakages the cost would be great.

Even on the Nilgiri Hills it is but little used, and these hills are only about 140 miles by rail (without break of gauge) and a good handy ghât of 53 miles from Calicut where they are made. The Palni Hills are 300 miles by rail with a break of gauge at Erode, 30 miles by road and 15 by a bad bullock ghât; this being the case, I do not think it is likely that their use would be advantageous.

5. Sun-shades should have been allowed for for the jail ventilators; they can be done from contingencies.

6. There are great difficulties with regard to the work on the Palni Hills, and therefore a large amount was allowed for contingencies, &c.

7. The rock cutting is wrongly called so; it should be for excavation; the rate allowed, Rs. 55 or about Rs. 1½ a cubic yard, is high, but the soil is stated to be hard mixed with stone; there would probably be a saving in this item; but if large boulders

are met with, as is probable, blasting will have to be resorted to; it is impossible to estimate the cost with accuracy.

8. In conclusion, I have to state that I consider the plan might be much improved, but as the plan is the result of much consideration between the Collector and Superintending Engineer in 1881, I thought it best to forward it. Should you wish it, I will revise the whole of it next month, when I intend visiting the Palnis, as when there I can judge for myself the best plan to be adopted and the best materials to be used.

No. 956 C.

MEMORANDUM.

The proposal in paragraph 8 of the Superintending Engineer's letter is approved.

2. The plan and estimate should now be resubmitted, when sanction to the same will be accorded. After the Superintending Engineer's visit to Kodaikánal the project may be sent up again with such modifications as may then be considered desirable.

(Signed) C. BOWEN, Major, R.E.,
Ag. Dy. Chief Engineer, P.W.D.

15th May 1883.

To the Superintending Engineer, Sixth Circle.

From Lieutenant-Colonel H. R. MEAD, R.E., Superintending Engineer, Sixth Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 17th May 1883, No. 79 M.D.

With reference to your memorandum, No. 956 C., of 15th instant, I have the honor to resubmit the plan and estimate for the Deputy Tahsildar's Cutcherry at Kodaikánal for sanction.

8 Plans.
1 Estimate, &c.
1 Abstract Estimate for Examiner.

Order—dated 2nd June 1883, No. 1535 W., Public Works.

The estimate, amounting to Rs. 16,400, for constructing a Deputy Tahsildar's Cutcherry with out-houses at Kodaikánal, in the Madura District, is sanctioned.

2. A sum of Rs. 9,100 has been provided for the work in the current year's Provincial Budget.

3. This sanction has been registered as Provincial No. 42 W. of 1883-84 and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, Sixth Circle, with twenty-two Enclosures.
" Examiner, Public Works Accounts, with duplicate Abstract Estimate.
" Judicial Department.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1883 Madras.

PUBLIC WORKS.

Dated June, 2nd.

Recd. *Encl.*

G.O., 2nd June 1883, No. 1535 W.

JUNE.

Deputy Tahsildar's Cutcherry with out-houses at Kodaikanal

Estimate for constructing a —, sanction

P. W. Secretariat.

C. No. 4278

1535/3

Note by Budget Section.

Work Deputy Tahsildars Cutchery at Kodaikanal in the Madura District.

Remarks and References.

Fund Provincial
Service Head Civil Buildings
Departmental Head Original Works
Amount of Estimate ... ... Rs. 16,400
Expenditure in previous year ... ... " 5,000 probably.
Allotment in current year ... ... " 9,100
Balance required to complete ... ... " 2,300
Total Rs...

Note of available funds.

Rs 9,100 provided in Provincial Budget
1883-84 vide item No 20. Supdg Engr may a
ply for the balance of estimate, later in
year, if he requires the money.

22/

Budget

Note by Budget Section.

Public Works Department, 1883-84.

15352

1535/1

See inside.

Current No. 3210

Letter No. 22 M. D.

Dated the 13th April/83

From the Suptg. Engr. 6th Circle

Note of Remarks.

1. The enclosed estimate Rs 16,400, (with plans) provides for the construction at Kodaikanal, of a Deputy Tasildar's Cutcherry together with a Ryots' shed, cook house and Latrine.

2. It is proposed to build the walls of the various structures with 'stone in mud' which is at variance with G. O. No 596 of the 24/2/69

3. The scantlings of the different timbers are liberal considering the description of roofing except the posts, for which the section should

should be 6"×6".

4. The rates allowed for the doors and windows are very high and should if possible be lowered by the adoption of a simpler and cheaper description of door and window.

5. The amount allotted in the General Abstract for 'contingencies' and 'petty supervision' exceeds 12 per cent; and requires explanation.

6. The whole work can be completed in one year after sanction.

7. The General Abstract has been countersigned by the Collector of the District

I should say that Kodaikanal is an exceptional place — in the hills & jungle probably — & hence stone in mud is provided, chunam being very expensive. Otherwise no doubt stone in mortar should be insisted on.—

The method of fixing the corrugated iron roof seems to me open to objection. The sheeting is usually fixed ^light angle iron^ to purlins which seem to me to be very unnecessary. But on this matter of the Roofing I would enquire of Supdg. Engr. whether Mangalore tiles could not be used. They would afford a simpler & much cooler roof & probably cheaper & more water tight.—

Also enquire whether shades of some sort will not be necessary for the ventilators.—

I wonder whether mud plastering will stick to stonework. I should say not. The question might be asked.

The 12 per cent is probably on account on difficulties of this place.—

Why so much is required for cutting rock I can't make out. Enquire about this.

C.S.
26/4

25/4/83
W.H.

To Dy. S.
For orders with special reference to para 2 of the above note.
C.S.
25/4

Read the following papers.–

No. 22 M.D

1535/

2 [illegible] No 15-38 W [illegible]

Dept P.W.S [illegible] Works

Encls: 11

7 plans sent separately.
1 estimate &c.
1 site plan.
1 abstract sets for examiner.
1 statement of land.

Report by the Superintending Engineer on the Estimate for constructing a Deputy Tahsildar's cutcherri with out-houses at Kodaikanal in the Periakulam Taluq of the Madura District.

	Estd. Rs.
Deputy Tahsildar's cutcherri with a Police room & 2 Lockups	11,810
Ryots shed	3,250
Cook house	1,136
Latrine (public)	204
Total Rupees	16,400

Reference.

G.O. P.W.D. No. 1691 of 24 June 1874.

Applied for

Report.

Vide Item 20 of Budget of '83-'84
9160
Rs 16400 under Bldgs A — S.P.
16/4/83

"The Dy Tahsildar now holds office in a small thatched shed built by private individuals as a halting place for merchants. The owners wanted the building to be vacated, but the Collector requested them to let the building be occupied till the new office was built". The above remark was given in the list printed with G.O quoted above.

The building was designed by the Executive Engineer Madura according to the suggestions made by the Collector and was forwarded to him for approval & countersignature on the 17th October 1882, but it was returned to alter the original site and to provide for a pit Treasury in the Police room similar to the other cutcherries in the District. The corrected estimate is now submitted & recommended for sanction.

A sketch showing the proposed site is also forwarded, and no provision has been made in the estimate for compensation as the building is to be constructed on Government land.

The rates entered in the estimate are considered fair.

The work can be built in 12 months after sanction and

allotment of funds.

1535/6

Lt Col R.E.

Supd. Engineer, Circle.

Trichinopoly
13: April 1883.

PWC no 32[illegible]

From,

The Supdt Engineer
6: Circle.

To,

The Chief Engineer
P. W. D.

No 22 M.D

Dated 13: April /83

Enclo: 11

Deputy Tahsildar's Cutcherry & out Houses at Kodaikanal.

Submits for sanction plans & estimate for constructing.

P.W. Deptt.
p 3

No 884 C.

Memorandum

In returning the documents forwarded with letter from the Superintending Engineer, Sixth Circle, No 22 M.D dated 13th April 1883, the Chief Engineer has the honor to request that information may be afforded on the following points.

2. With reference to G.O. No 596 dated 24th February 1869, some explanation should be given as to why it is intended to construct the proposed Deputy Tahsildar's Cutcherry with stone in mud. Kodaikanal is doubtless an exceptional locality and [illegible] mortar is probably very expensive, but the point should have been explained in the Supt Engineer's report.

3. The

3. The method proposed of fixing the corrugated iron roof appears to be open to objection. The sheeting is usually fixed to longitudinal purlins which seem to be very necessary, but it is further remitted for the consideration of the Supg Engineer whether Mangalore tiles could not be used with advantage. They would afford a simpler and much cooler roof, and probably be cheaper and more water tight.

4. Information should also be afforded whether shades of some sort will not be necessary for the ventilators, and whether mud plastering will adhere to stone work.

5. The amount provided in the estimate for contingencies and petty supervision is more than 12 per cent of the total. This is perhaps owing to the difficulties of the place, but the point should have been explained.

15 3/8

6. Lastly, some explanation should be given as to why so large a sum as Rs 150 is required for "cutting rock".

(B.O)

Chepauk
2d May/83.

(sd) C.B.

D.E.H.

To The Supg Engineer, 6th Circle
with 24 enclos.
Despd
3/5

G.O. 1691 d/24-6-79
" 596 d/24-2-69

No 884 C d/ 2-5-83

10/5

Entd in Receipt Regr.

No 66 M.D.

Supg Engineers Office 6 Circle
Trichinopoly 9th May 1883

From
Lt Colonel A. R. Mead R.E
Superintending Engineer 6 Circle

To
Colonel R. H. Sankey C.B. R.E.
Chief Engineer Public Works Dept
Madras-

Sir,

With reference to your Memo No 884 C dated 2d May 1883, I have the honor to report with reference to the questions asked as follows-

2. The building is proposed to be built of stone in mud, Kodaikanal being an exceptional locality there is no lime stone on the Pulney Hills and the usual construction is stone in mud because of the great cost of the Chunam stone which would have to be brought up by pack bullocks or ponies from the plains.

3. With regard to the corrugated roofing as it is to rest on 1/2 inch planking supported

on couples placed under the junction of the sheets longitudinal purlins are not considered necessary. I think it questionable whether a roof of trusses with purlins 2½ feet apart would not be better, this will be seen to when the work is put in hand.

4. With regard to Mangalore tiling I am not aware that this description of roof has been used on the Pulnys, it would certainly be well suited to the climate but I fear with the cost of carriage and breakages the cost would be great.

Even on the Nilgeris Hills it is but little used and these hills are only about 140 miles by rail (without break of guage) and a good bandy ghaut of 33 miles from Calicut where they are made. The Pulny Hills are 300 miles by rail with a break of guage at Erode, 30 miles by road and 15 by a bad bullock ghaut; this being the case I do not think it is likely that their use would be advantageous.

5. Sun shades should have been allowed for, for the jail Ventilators they can be done from Contingencies.

6. There are great difficulties with regard to the work on the Pulny Hills and therefore a large amount was allowed for Contingencies &ca.

7. The Rock cutting is wrongly called so, it should be for excavation, the rate allowed Rs. 55 or about Rs. 1¼ a C yard is high, but the soil is stated to be hard mixed with stone, there would probably be a saving in this item, but if large boulders are met with as is probable, blasting will have to be resorted to, it is impossible to estimate the cost with accuracy.

8. In conclusion I have to state that I consider the plan might be much improved, but as the plan is the result of much consideration

1525/19

between the Collector and Superintending Engineer in 1881, I thought it best to forward it. Should you wish it, I will revise the whole of it next month when I intend visiting the Pulings, as when there I can judge for myself the best plan to be adapted and the best materials to be used.

I have the honour to be
Sir
Your most Obed^t Serv^t
Lieut Col R E
Superintending Engineer
6^th Circle

No 884 C d/ 2-5-83
G.O. 1891 d/ 24-6-74
" 596 d/ 24-2-69

Sanction, with the remarks that when the Supdt. Engr visits the Palney Hills he can revise the Estimate if he considers it then desirable to do so.

CY
12/5.

Dy W

The plan & estimate have been retained by the S.E. The following disposal is therefore submitted for approval.

Ch
12/5

No 956 C d/ 15 May/83.

The proposal in para 8 of the Supg: Engr's letter is approved —

2 The plan & Este should now be resubmitted when sanction to the same will be accorded. After the Supg: Engr's visit to Kodaikanal the project may be sent up again with such modifications as may then be considered desirable.

CY
14/5

S. E. ~~Fourth~~ Sixth Circle Dm
15/5.

P.W.C.W. 4008

From
The Supdt. Engineer
6th circle.

To
The Chief Engineer
P.W.D.

No. 66 MD.
Dated 9th } May 1883.
Recd 12 }

No 956 C d/ 15-5-83

Dy Tahsildars Cutcherry at Kodaikanal.

Reports with reference to the questions asked in regard to the construction of —

Entd. in Receipt Regr

Enclos: 10.
8 plans.
1 estimate &
1 abstract estimate for examiner —

No. 79 M.D. Supg. Engineer's Office 6th Circle
Trichinopoly 17th May 1883

1535/13

From
The Superintending Engineer
6th Circle

To
The Chief Engineer
P.W.D.
Madras.

Sir

With reference to your memo No. 956 C of 15th Instant, I have the honor to resubmit the Plan and Estimate for the Deputy Tahsildar's Cutcherry at Kodaikanal for sanction.

I have the honor to be
Sir,
Your most obedient Servant

Lieut Col RE
Superintending Engineer 6th Circle

~~400~~
956 C d/ 15.5.83
884 C d/ 2.5.83
G.O. P.W.D. No. 1891 d/ 24.6.74
" " " 596 d/ 24.2.69

P.W.C. No. 4278

From,

The Supt Engineer
6th Circle,

To,

The Chief Engineer
P.W.D.

No. 79 M.D
Dated 17th May /83.
Recd 21 —— [illegible]

Enclo: 28.
(+ 8 plans)

Deputy Tahsildar's Cutcheri at Kodaikanal.

Resubmits the plans & estimate for constructing a — for sanction —

Ord 23/5 R.No. 1/ [illegible] 30.5

No. 1535 W PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 2nd June/83.

1535/13

READ the following

From the Superintending Engineer Sixth Circle —— } M.E. No. 22 M.D. d/ 13th April/83
Memo to —— Do —— Do " No. 884 C d/ 2nd May/83
From —— Do —— Do " No. 66 M.D. d/ 9th May/83
Memo to —— Do —— Do " No. 956 C d/ 15th May/83
From —— Do —— Do " No. 79 M.D. d/ 17th May/83

P G

The estimate amounting to Rs 16,400 for constructing a Dy. Tahsildar's Cutchery with outhouses at Kodaikanal, in the Madura District is sanctioned.

2. A sum of Rs 9,100 has been provided for the work in the current year's Provincial Budget.

3. This sanction has

~~400~~
956 C d/ 15.5.83
884 C d/ 2.5.83
G.O. P.W.D. No. 1691 d/ 24.6.74
" " " 596 d/ 24.2.69

P.W.C. No. 4278

From,

The Supt. Engineer
6. Circle.

To,

The Chief Engineer
P.W.D.

No. 79 M.D.

Dated 17th May /83.

Recd 21 —

Enclo: 2.
(+ 8 plans)

Deputy Tahsildar's Cutcheri at Kodaikanal.

Resubmits the plans & estimate for constructing a— for sanction—

Ord. 23/5 R.A. 1/6
Ord. 30.5

No. 1535 W PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

1535/13

UNDER date the 2nd June/83

READ the following

From the Superintending Engineer Sixth Circle } M.E. No. 22 M.D. d/ 13th April/83
Memo to — do — do. " No. 884 C d/ 2nd May/83
From — do — do. " No. 66 M.D. d/ 9th May/83
Memo to — do — do. " No. 956 C d/ 15th May/83
From — do — do. " No. 79 M.D. d/ 17th May/83

P.G.

The estimate amounting to Rs 16,400 for constructing a Dy. Tahsildar's Cutchery with outhouses at Kodaikanal, in the Madura District is sanctioned.

2. A sum of Rs 9,100 has been provided for the work in the current year's Provincial Budget.

3. This sanction has

has been registered as Provincial No. 42 W of 1883-84 and classified as Civil Buildings original works.

C.J.
23/5

R.H.T.
23/5/83

Registered
Issued
2/8

To 5

The Supg: Engr. Sixth Circle
with 22 enclos. ✓

" Exam. P.W. Acct. with
Duplicate abst. Estimate ✓

" Judl. Department

Despd.
8/8

1535/14

4278
4001

Govt. of (1883) Madras.

PUBLIC WORKS

5/6

Dated

Recd. Encl.

G. O. 21 June 188 No. 1535 W

Nos.

Dy Tahsildar's Cutchery with Outhouses at Kodaikanal

Est. for constructing — sanctioned

Entered in Receipt Register