

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	956	(K)	Press
B.P. No.			Mis.
Dated	11-4-		1876.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
11th April 1876.*

Read the following papers :—

No. 201. From Officiating District Engineer, Malabar, dated 22nd February 1876, No. 189.

No. 201-A. From T. D. HARRIS, Esq., Officiating District Engineer, Malabar, to Colonel W. T. F. FAREWELL, Officiating Deputy Chief Engineer, Public Works Department, dated Camp at Manantoddy, 1st April 1876, No. 1.

WITH reference to your memorandum, No. 419, dated 4th March, I have the honor to forward two revised estimates

Police Station at Irkoor ...	...	...	RS. 910	as per margin, and to state that the officer
Do. at Canoth ...	...	...	920	in charge of the Cannanore Range states

that the largest item was for roofing with

Mangalore tiles, and the *original* estimates were drawn out a year or more ago, and he had then no experience as he has since had, and the cost of tiles themselves have been reduced from 50 to 45 Rupees per 1,000, and he has added 2 or 3 Rupees more than that allowed in the cantonment, as the materials have to be carted to Irkoor and Canoth which is 19 miles from Cannanore to Irkoor and 16 miles from Telli-cherry to Canoth. He has also proportionately reduced other items in the estimate and brought down to Rupees 920 for Canoth and Rupees 910 for Irkoor.

2. A sum of Rupees 50 has to be added to the estimate for Irkoor and Rupees 25 for Canoth on account of land and clearing jungle, without which the Superintendent of Police states the site cannot be obtained.

No. 202. ORDER THEREON, 11th April 1876, No. 956.

CIVIL WORKS, No. 13.

(a) *Heads of Service.*—Provincial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Civil Buildings.
Sub-head.—F Police Department II, Stations.
Name of Work.—Stations at Irkoor and Canoth.
Amount. { Rupees 910, Irkoor No. 7 W. of 1876-77.
 " 920, Canoth No. 8 W. "
 To be carried out by the Public Works Department.

HIS GRACE the Governor in Council sanctions the estimates of Rupees 910 and 920 for the construction of Police Station-houses at Irkoor and Canoth in the Malabar District.

2. This sanction has been registered as Provincial, Nos. 7 and 8 W. of 1876-77.

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Malabar.
 „ Examiner of Public Works Accounts.
 „ Judicial Department.

Exd. A. Grubert.
 Spare Copies

110/12

N^o 1 Malabar Distt Engr's Office
Camp Mamantoddy
1st April 1846

From The Offs District Engineer
Malabar

To The Offs Dy Chief Engineer,
D. W. P. D.,
Madras

Sir, With reference to your
Memo N^o 4/9 dated 4th Instant,
I have the honor to forward
two revised estimates, as per

Police Station at Sukkur P. 910
do do at Canoth P. 920

margin
and to
state that
the officer

in charge of the Bangalore
Range states that the largest
item was for roofing with
Mangalore tiles, and the original
estimates were drawn
up a year or more ago, and
he had then no experience as
he has since had and the
cost of tiles themselves have
been reduced from 50 to 45
Rupees per 1000 and he has
added

added 2 or 3 Rupees more
than that allowed in the
Estimate as the materials
have to be carted to Sreest
and Ganath which is 19
miles from Cannanore to
Sreest and 16 miles from
Tellicherry to Ganath. He
has also proportionately re-
duced other items in the
Estimate and brought down
to Rupees 920 for Ganath and
Rs 910 for Sreest.

2. A sum of Rs 50 has
to be added to the Estimate
for Sreest and Rs 25 for Ganath
on account of land and
clearing, mileage without which,
the Superintendent of Police
States, the site cannot be
obtained.

I have the honor to be,

Yours most ^{Sr.} ob. Servant,

J. N. S.

Off. District Engineer,
Malabar.

[Faint, mostly illegible handwritten notes in the top right section of the page.]

S. N. 1876 Sept.
From No. 2473
The City of Baltimore
to the City of St. Louis
via the B. & O. R. R. & the Chesapeake & Ohio Canal

No. 1 Post Office
No. 51876
Towards Baltimore for
Constructing Station
at the City of St. Louis and
at the City of Baltimore

Current No. of 187

Current No. 2473

From

The Off. Lt. Engr.
Malabar

No. 1
Dated 1. } April 1876
Recd. 5. }

Subject:— Forwarding 2 Letters
for Comdg. Police Station
Houses at Inkoor and
Rannoth.

ENCLOSURES

From

t.

Orders and Proceedings in file.

Department.	No.	Date.	ENDORSEMENTS.		
			Department.	No.	Dated.
P.H.D.	5610	24/12/35			
	135	20/1/36			
Chem.	419	1/3/36	Chg	2-5	16/09/36

Provincial Civil Buildings Original

Detailed estimate of the probable expense of constructing a Police station-house at Harmon in the Pennwauke Range - Malabar District.

[illegible]

Particulars of work

Queda a hon

1894-11-6. Front and rear walls of the hall

End walls of the hall

Grand wall in front

of side walls is toward

St. Helena

139. Cdr in Louisiana

Patience Lowrie

1874

Brought forward

Basement

3 26 24 1/2 ✓ 1265-94 Front and rear walls of the hall in-
cluding the Perandal wall in front.
2 8 4 24 1/2 ✓ 155-8-3 End wall of the hall
2 4 4 24 1/2 ✓ 128-8-3 Side walls of Perandal
1 5 2 24 ✓ 7-6-1 Step in front

✓ 3574-0 C/c of Basement

Superstructure

2 25 1 1/2 10 ✓ 1765-11 Front and rear walls of the hall
2 9 1 1/2 10 ✓ 1270-11 End wall of the hall
2 1 1/2 12 8 9 ✓ 155-5-3 Side walls of Perandal
2 1 1/2 8 1 1/2 6 1/4 ✓ 16-11 Side projection
4 1 1/2 1 1/2 6 1/2 ✓ 158-3-1 Pillars in front Perandal

✓ 45-00 Pillars in front of the hall

✓ 1311-1-25 Total

Deductions

1 10 1 1/2 10 ✓ 100-11 Part of the SW wall in front of the
hall for entrance
3 2 1/2 4 1/2 20 ✓ 133-9-1 Windows

✓ 183-9-1 Total Deductions

✓ 1127-4-2 C/c of latirist in Chuan in Superstructure

✓ 2113 C/c of latirist in Chuan in Foundation

Basement and structure 18-1-1874 380 55 ✓

Brought forward 380 55 ✓

Brought forward 380 50

Plastering.

1	13. 10	Ends of the hall
1	23 1/2. 10	Outside of —
2	12. 10	— — — at ends
1	23 1/2. 10	— — — in front
2	6. 10	Pillars in front of the hall
2	5. 8 1/2	Ends of pillars inside
2	6 1/2. 8 1/2	— — — outside
2	4 1/2. 6 1/2	Plastering inside, out and over
4	6. 6 1/2	Pillars in front — Grandall
3 x 11 x 1 1/2	50	Sides and top of windows
2 x 1 1/2 x 10	30	Ends of openings in front for entrance
1 x 9 1/2 x 1 1/2	13 1/2	Basement all round
1 x 6 x 3 1/2	5	Ends of steps in front
	<u>209 1/2</u>	Total

245
184 1/2
28 1/2
46 25 1/2

380
24 1/2
91 32 1/2

796
20 1/2
159 32

Woodwork

2	12 6 1/2	Tie beams
2	4 x 6 1/2	King posts
1 x 14 x 10 x 1 1/2	2-7-6	Ridge beam
4 x 13 1/2 x 6 x 6	9-0-0	Hip rafters
	<u>19-1-6</u>	

Carried forward 676 42 1/2

125 9.9 19-16 Brought forward 870.22 ✓
 7-1-3 Beam over the wall at the entrance to the
 8-1-8 Rain room
 8-1-8 Wall plates
 28 1/2 x 5 x 1/2 6-11-1 Bricks masonry including projection

41-2-1 C/L of timber wrought and put up 14. 8 1/2 578.22 ✓

3 1 battens 8 x 8 1/2' fitted with one inch
 round iron bars with battens shutters outside
 including hinges, locks &c 30.00
 2 battens 8 x 8 1/2' each fitted with
 wooden bars and battens shutters outside & 15.00 each 30.00

8 1/2 Square feet New lattice work including gates door &c 70.00 ✓

Excavating foundation, filling in and
 clearing away rubbish in foundation 15.00

120 Square feet of painting 4.00 1/2 4.20 ✓

Total 878.22 ✓

Lumbers and Superintendence about 5 paise 41.20 ✓

Total of estimate Rupees 920.00 ✓

Commission Range Officer
 M. S. M. S. C. L. 1/40

Aldobon J. J. R. E.
 Assistant Engineer Mad.

Malabar District Engineer's Office
 Camp for Mammala 28
 28/1/1876

J. J. R. E.
 District Engineer,
 Malabar.

over the brassumers to be notched 1 inch each
The upper ends of common rafters to be notched
half an inch each and nailed together when
they cross the ridge beam.

The floor of room and verandah to be
to be of asphalt $\frac{3}{4}$ " thick poured on 3"
laterite concrete carefully laid and rammed.
The laterite concrete to be made in this way. Take
picked small laterite stones or pebbles and
mix with Chunan and sand in proportion
5 Stone, 3 sand and 2 Chunan. The materials
to be mixed dry at first afterwards as
much water as will just cause it to bind
and the whole again thoroughly mixed
Any previous day's work begins to be
damped before next day's work begins, when
the whole is thoroughly dry the asphalt to
be poured on hot in the usual way in sections.

One window in the front raised off by
iron lattice work, to be ^{iron} grates, with bottom shutters
outside and fixed with brass hinges &c
and the other two to be wooden barred

19
The frames of windows to be 3 square with the
exception of the middle one crossing right
up to the top from the bottom which is to
be 2 1/2 sq and the whole to be painted with
2 coats of Parsons dark green paint.

Iron lattice work to be placed as marked
on the plan. An iron grate to be placed
in the center.

The Pillars to be made 18 off finished to
be round in plan to assist the support of
the material that would be placed
on them. All the rubbish to be cleared away on
completion of works.

Cannanur 24th March 1876
Aldobin Hunt R.E.
Assistant Engineer Mal.

W. Hunt
Offg. District Engineer,
Malabar.

Malabar Dist. Engr's Office
Campbell
24th March 1876

collected estimate for
 construction of a bridge
 with the same length
 as the one at present
 in use

estimated cost bridge
 with same length
 as the one at present
 in use

Mr 2470/98

for the same length
 as the one at present
 in use

Mr 2470/98

in a letter from the
 District Engineer
 to the Chief of Party
 Engineer at P. M. Station
 the 1st of July 1898

specification for
 building a bridge
 at the same length
 as the one at present
 in use

for the same length
 as the one at present
 in use

Provincial Civil Buildings Original

Abstract estimate of the probable expense of constructing a Police Station house at Hannast in the Cannanore Range, Malabar District

No. Item	Amount	Year	Remarks
12113	18.10.94	3805.5	1/2 of latrine in Chumam
18461	28.00	4626	1/2 of latrine in Chumam
1380	24.00	932	1/2 of latrine in Chumam
1496	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
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1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
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1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam
1426	14.00	5182	1/2 of latrine in Chumam

Cannanore Range Officer
21st March 1906

Malabar District Engineer's Office
Cannanore
21st March 1906

Alford J. E.
Assistant Engineer
Malabar

In a letter from the City
District Engineer relative
to the City of Lexington
21. W. Watson his No
14 April 1876 —

recd R. B.

Attendant for conducting
a Police Station House

at Newmarket Mass

James O. Smith

James O. Smith

Journal Oct 1 - closed 1877

Distinction honoris ad alios in re

James H. Hays. H. A. Hays. H. A. Hays.

Explanation of
the necessity
of work
By whom
recommended

Gate Artist Work

St. Louis

66521 ✓

30.

14. *off* 5182 ✓

The Board of Directors

Willard

Bedroom or sitting parlor.

18

with bottom slates on side in clearing

15. 11. 30.

15-

86671

Attest: *John W. Adams*

Chas. H. H. H.

Adm. J. E. Lewis

Assistant Engineer Dakota

Mr. District Engineer,
Alabaster

[Handwritten signature]

Provincial Coal Buildings Original
 Detailed estimate of the probable expense of constructing a Colliery station near at Wether in the
 Province of Sany. Malacca District
 August 28 1874
 Approved by the Board of Directors

Volume	Name of work	Measurement			Supl. Cont.	Publ. Cont.	Particulars of work	Cost Anticipated	Amount paid	Explanation of the bearing of work	By whom recommended
		Number	Length	Breadth							

2	27	3	2	1322	Front and rear walls of the hall						
2	11	3	2	1320	End walls of the hall						
1	29	3	2	1322	Front and rear walls in front						
2	32	3	2	142	Side walls of the hall						
1	5	2	1	14	Walls in front						
				1328	Walls of the hall						

Particulars of work

3	26	2	1/2	1205	The front and rear walls of the hall including the front wall in front						
2	8	2	1/2	135	End walls of the hall						
2	4	2	1/2	128	Side walls of the hall						
1	5	2	1/2	17	Walls in front						
				1377	Walls of the hall in front						

Particulars of work

2	25	1	10	1360	Front and rear walls of the hall						
2	9	1	10	1321	End walls of the hall						
2	6	1	10	138	Side walls of the hall						
2	18	1	10	16	Side walls of the hall						
4	12	1	10	138	Side walls of the hall						
2	12	1	10	16	Side walls of the hall						
				1311	Side walls of the hall						

Particulars of work

1	10	1	10	1320	Front and rear walls of the hall						
3	22	1	10	138	Side walls of the hall						
				138	Side walls of the hall						
				112	Side walls of the hall						
				113	Side walls of the hall						
				18	Side walls of the hall						
				380	Side walls of the hall						

1800000
 380555
 380555

At 108 Cannanore Range

M. 2473
2/96.

Provincial Civil Engineer
original

Letter from the Offg.
District Engineer, Malabar
to the Offg. Secy. Engrs.
D.P.W. Madras No. 4 Dated
1st April 1896

Detailed estimate for
Constructing a Police
Station House at P.S.
in the Cannanore Range
Malabar District

Amount of Rs. 91

Estimate for constructing
a Police Station House
at P.S. Puzos, 9000

Letter for Censorship Office

M. 2473/76

Malabar

Provincial Council Buildings Signal

See also ...

GP-11 April 76 N. 956

Abstract estimate for construction of Police Station House at ... in the Cannanore Range.

Amount of ...

N. 956

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the *11th April 1876.*

READ the following:—

Public Works

From:

The offg. District Engr. Malabar

*M.E. 189 of 23 Feb 1876
(M.E. No. 1 of 1 April 1876)*

His Grace the Governor in Council sanctions the Estimates of Papers 910 and 920 for the construction of Police Station Houses at ... in the Malabar District.

2. This sanction has been registered as Pro. - vincial No. 178 of 1876-77.

W. H. ...

*P. E. Malabar
Engr. P. W. ...
Dated 28/4/76*

2473

Gobt. of Madras.
PUBLIC WORKS.

To

Mr. P. G. Chelabao

Dated

Issued

Recd.

Encl.

G. O. No. 11th Feb 1870, No. 956

201-202

Police Station Houses
at Erkoor and Canoth
Malabar D.

Estimates of Rs 910
+ 920 for the construction
of ——— sanctioned.

29-11-76