

355.
2009 ✓

Govt. of 1875 Madras.

PUBLIC WORKS.

Wm. Symms
Madras
1875

Dated

Recd.

G. O. 16 April 1875 No. 1068

Nos. 483-435

Salug Cutcherry at Palney.

Revised Estimate for the
sanctioned with remarks.

12/10/75
12/10/75
12/10/75

*Proceedings of the Madras Government, Public Works Department,
16th April 1875.*

Read again letters from the District Engineer, Madur, Nos. 3,978 and 4,081, dated 19th and 24th December 1874, respectively, and recorded in G. O., No. 720, dated 15th March 1875.

Read also the following letters:—

No. 433. From Lieutenant-Colonel J. F. FISCHER, R.E., District Engineer, Madura, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated on Circuit, Perekolum, 13th January 1875, No. 4,247.

With reference to your memorandum of the 7th December 1874, No. 940, I have

- 1 Comparative Statement of Perekolum Taluq Cutcherry.
- 1 Revised Estimate of do.
- 1 Estimate of out-buildings.
- 1 Comparative Statement of Pulney Taluq Cutcherry.
- 1 Revised Estimate of do.
- 1 Abstract of Scantlings.
- 1 Copy of a letter from the Dindigul Range Officer, No. 980, dated 2nd November 1874.
- 1 Original do. from do., No. 1,183, dated 19th December 1874.

the honor to submit the revised estimate for the Perekolum Taluq Cutcherry with the following explanations, and at the same time I beg to avail myself of this opportunity to transmit the revised estimate for the Pulney Cutcherry.

2. On receipt of memorandum, No. 745, dated the 29th September 1874, I transmitted its accompaniments to the Executive Engineer, Dindigul Range, to revise his estimate and to send in his explanations regarding the wood-work and the further information required as regards the history of the work. On my visiting Pulney on the 27th October 1874, Mr. Hawksworth sent me his letter, No. 980, dated the 2nd November 1874, returning the papers revised as he was pleased to call them. I found them utterly wrong, and prepared for him a statement marked A, and herewith sent, for the wood-work, and returned all the documents to him by the 6th November, telling him to have fair copies made for both Cutcheries, Pulney and Perekolum, and the other details corrected in accordance with the provisions of G. O., of the 22nd May 1874, No. 1,366, for any peculiarities of site; here, I would observe, this Government Order had never been seen by me, as it was circulated after I had left the Godavery District, and before I had joined at Madura.

3. On my visiting Dindigul on the 11th December, to my surprise I found Mr. Hawksworth had totally neglected to pay any attention whatever to my orders; the estimates were in the same state as I had returned them to him on the 6th November, and he pretended he had no paper in his office to copy them on, and had indented on my office for this about the time he would be hearing I was coming to Dindigul. I borrowed some paper from the Sub-Collector and directed the estimates, &c., to be fully prepared and sent in at once, but it was not till the 22nd December I could obtain them in anything like proper form from Mr. Hawksworth, and then only by giving him a written order not to leave the station for the Christmas holidays without my permission, as he had deliberately arranged to do, notwithstanding the gross neglect of his work and duties in this and other matters as already reported.

4. As regards the wood-work for these Cutcheries being so different from that provided for in the plan of 1874, I would observe that, when sending up the revised estimate for the Perekolum Cutcherry, Mr. Hawksworth informed me he had obtained the whole of the wood-work from Madras for the standard plan, concealing from me the

*Proceedings of the Madras Government, Public Works Department,
16th April 1875.*

fact that his estimate provided for the plan of 1872, and that he proposed to alter the turret according to a design he had seen in the Roman Catholic Chapel at Dindigul. I asked him at the time if the rates he had allowed in his first revised estimate allowed for the wood-work being obtained from Madras, and he replied that all expenses would be covered by the rates allowed by him, and as I had then no idea how utterly untrustworthy his work was I submitted the estimate. I now find that he had obtained the wood-work from Madras as far back as February 1874, by indent according to that year's standard plan, that he subsequently submitted his estimate for timber for the plan of 1872, and deliberately omitted the provision for the turret as above explained, omitting all information regarding these matters in his letters sending up the estimates, and in his No. 980, paragraph 1, explaining that the G. O., No. 1,366, was only received by him on the 12th June 1874, whereas he had sent in the revised estimate for Perekolum on the 6th idem, "and which at most is but for information and guidance and not intended to be blindly followed." This sentence of his explains how it was he sent up the Pulney Cutcherry estimate in the following months as incorrect as that for Perekolum.

5. As regards the history of the Perekolum Cutcherry, so far as I can ascertain the site was selected as far back as 1864-65 by Mr. O'Ratigan, C.E., and approved of by Major Prendergast, R.E. In 1869-70 this site was worked upon by the then Range Officer Mr. O. A. Hayne, for cutting and levelling the ground, and this appears to have been all that was done up to the end of 1872, when the late Captain Coningham, R.E., took charge of the range and appears to have received the estimate of Rupees 16,300 for this work in February 1873. He changed the site without reference to any of the authorities of the district, dug the foundations, collected materials, &c., but when Colonel Roberts became aware of this circumstance he ordered the original site to be reverted to as that had been agreed upon apparently in communication with the Revenue Authorities. I regret to say I can find nothing very satisfactory on record in this matter, and as the late Captain Coningham, R.E., died insane, and it is well known he was very eccentric before he went home, I fear he made the change without being capable of judging properly of his own acts.

6. In regard to the wood-work of these Cutcheries, the Statement A shows the provisions allowed by the Government Consulting Architect and the slight alterations I have considered it necessary to make; also a provision for the verandahs. I have increased the dimensions of the wooden posts from 5 inches by 5 inches to 7 inches by 7 inches, as the former was found to be insufficient at Rajahmundry, and in this district the roofs have to bear the persistent pressure of the south-west monsoon wind for many months when it blows very violently; there are a few minor alterations in dimensions which were made after carefully consulting the standard plan, and I trust the statement now sent will be found to be correct in most respects. As regards Perekolum Cutcherry, if the Government Workshops bill lately sent is approved of and sanctioned, the rate must be increased from Rupees 4 to Rupees 5½ per cubic foot.

7. Brickwork has been calculated according to the standard plan, but deductions are made in full; upper storey and arch work allowed for separately; centerings, &c., are to be provided for out of sundries.

8. Cut-stone has been provided for verandahs, public hall and covered way also at all doors to step on.

*Proceedings of the Madras Government, Public Works Department,
16th April 1875.*

9. As regards plastering the difference is due to the increased height of walls to keep the roof uniform.

10. Flooring.—The increase is due for the cut-stone.

11. Roofing.—The increase is due to the addition of verandahs.

12. Painting.—The increase is due to the same cause.

13. In conclusion, I beg to send on Mr. Hawksworth's reports in original for the information of Government. I have found it absolutely necessary to reflect most seriously on his conduct and proceedings, and it would be gross injustice to him not to submit the documents he has prepared and sent up with his estimates.

No. 434. From the same Officer, dated Madura, 22nd March 1875, No. 5,285.

In reply to your memorandum of the 18th instant, No. 306, I have the honor to state that the revised estimate for the Pulney Taluq Cutcherry does not contain any provision for the Sub-Registrar's Office, as I was not then aware in what manner the Government desired this arrangement should be carried out. I have this day received an estimate from the Range Officer for adding this, and beg to submit the same with this letter, and to request you will be good enough to have it entered in the revised estimate for Pulney; no additions are required for the Perekolum Cutcherry, as there is no Sub-Registrar in that taluq.

No. 435. ORDER THEREON, 16th April 1875, No. 1,068.

CIVIL WORKS, No. 27.

THE revised estimate for the Taluq Cutcherry at Pulney is sanctioned, subject to the following alterations:—

	Reductions.	RS.
Compound wall and gateway		3,625
Treasury Vault		500
	Total	4,125
	Additions.	
Registrar's room		1,480
Railing in treasury room		150
	Total Reductions	1,630
	Net	2,495

The amount of the estimate will, therefore, be Rupees 23,305. The construction of the compound wall may be postponed for the present as it is not of pressing necessity, and the treasury vault is superseded by railings in the treasury room under G. O., Nos. 1,340 and 76, of the 20th May and 5th June 1874. The excess above the original estimate sanctioned in G. O., No. 121, of the 13th January 1873, is, therefore, Rupees 7,005.

2. Although a portion of it is attributable to alterations in the design sanctioned by Government, the greater amount is due to omissions in the original estimate,

Proceedings of the Madras Government, Public Works Department,
16th April 1875.

which a more careful study of the standard plan would have prevented. Such an estimate should not have been allowed to pass through the District Engineer's hands.

3. The District Engineer's attention is further called to the specification of the Consulting Architect issued under G. O., of the 22nd May 1874, No. 1,366, by which he will see that the "semi-diagonal tie beams" provided by the Range Officer are unnecessary.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Madras.
" Controller of Public Works Accounts,
" Judicial Department.

52
District Engineer's Office
No 4247 Per District Engineer 13th Jan 75
From

Sent Colonel J. J. Fischer R.E.
District Engineer, Madras

To

Colonel G. W. Walker R.E.
Secretary to Government
D. J. W.

Enclosures - 8

1 Comparative Statement
of Periakolum
Saloon Cutcherry

1 Revised Estimate
of do

1 Estimate of cost
buildings

1 Comparative Statement
of Pulney Saloon
Cutcherry

1 Revised Estimate
of do

1 Abstract of
scantlings

1 Copy of a letter
from the District
Range Officer

3rd Nov 80 dated
2nd Nov 1874

1 Original - do -
from do -

2nd 183 dated
19th Dec 1874

Sir,
With reference to your
Memo of the 7th December 1874,
No 940, I have the honor to
submit the revised estimate
for the Periakolum Saloon
Cutcherry with the following
explanations and at the
same time I beg to avail
myself of this opportunity
to transmit the revised
estimate for the Pulney Cutcherry.
On receipt of Memo,
No 745, dated the 29 September 1874.

I transmitted its accompani-
ments to the Executive Engineer
Dindigul Range to revise his
estimate and to send in his
explanations regarding the
wood work and the further
information required as regards
the history of the work. On
my visiting Pulney on the
27 October 1874, Mr Hawksworth
sent me his letter, No 980, dated
the 2nd November 1874, returning
the papers revised as he was
pleased to call them. I found
them utterly wrong and prepared
for him a statement marked
A and herewith sent for the
wood work and returned
all the documents to him
by the 6th November telling him
to have fair copies made for
both Subcheries, Pulney, and

Peracolum, and the other details
corrected in accordance with
the provisions of L.O. of the
22nd May 1874, No 1366, for any
peculiarities of site. Here I
would observe this L.O. had
never been seen by me as
it was circulated after I
had left the Godavery District
and before I had joined at
Madura.

On my visiting
Dindigul on the 11th December,
to my surprise, I found
Mr Hawksworth had totally
neglected to pay any attention
whatever to my orders, the estimates
were in the same state as I
had returned them to him
on the 6th November, and he
pretended he had no paper
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Office for this, about the time he would be hearing I was coming to Sindigul. I borrowed some paper from the sub-collector and directed the estimates to be fully prepared and sent in at once, but it was not till the 22nd December I could obtain them in anything like proper form from Mr HawKworth and then only by giving him a written order not to leave the station for the Xmas holidays without my permission, as he had deliberately arranged to do, notwithstanding the gross neglect of his work and duties in this and other matters as already reported.

As regards the wood work for these butcherries being so different from that provided for in the plan of 1874, I would observe

90
that when sending up the revised estimate for the Breachapore butchery Mr HawKworth informed me he had obtained the whole of the wood work from Madras for the standard plan, concealing from me the fact that his estimate provided for the plan of 1874, and that he proposed to alter the turret according to a Design he had seen in the Roman Catholic chapel at Sindigul. I asked him at the time if the rates he had allowed in his first revised estimate allowed for the wood work being obtained from Madras and he replied that all expenses would be covered by the rates allowed by him and as I had then no idea how utterly untrustworthy his work was I submitted the estimate.

I now find that he had obtained the wood work from Madras as far as back as February 1874, by indent according to that year's standard plan, that he subsequently submitted his estimate for timber for the plan of 1872 and deliberately omitted the provision for the turret as above explained, omitting all information regarding these matters in his letters sending up the estimates and in his No 980 para 1 explaining that the G.O. No 1366 was only received by him on the 12th June 1874, whereas he had sent in the revised estimate for Perea Holom on the 6th idem, and which almost is but for information and guidance and not intended to be blindly followed. This sentence of his explains how it was he sent up the Pulney

butcherry estimate in the following months as incorrect as that for Perea Holom.
5. As regards the history of the Perea Holom butcherry, so far as I can ascertain the site was selected as far back as 1864-65 by Mr O'Kahigan B.E. and approved of by Major Prendergast R.E. In 1869-70 this site was worked upon by the then Charge Officer Mr O. A. Hayne, for cutting and levelling the ground, and this appears to have been all that was done up to the end of 1872 when the late Captain Loughnam R.E. took charge of the Charge and appears to have received the estimate of Rupees 16,300- for this work in February 1873. He changed the site without reference

to any of the authorities of the District. And the foundations collected materials &c but when Colonel Roberts became aware of this circumstance he ordered the original pile to be reverted to as that had been agreed upon apparently in communication with the Revenue Authorities. I regret to say I can find nothing very satisfactory on record in this matter and as the late Captain Boningham M.C. died insane and it is well known he was very eccentric before he went home, I fear he made the change without being capable of judging properly of his own acts.

6. As regard to the wood work of these putcherries, the statement A shows the provisions allowed by the Government.

13a
Consulting Architect and the slight alterations I have considered it necessary to make also a provision for the verandahs. I have increased the dimensions of the wooden posts from 5" x 5" to 7" x 7" as the former was found to be insufficient at Rajahmundry and in this District the roofs have to bear the persistent pressure of the South West Monsoon wind for many months when it blows very violently. There are a few minor alterations in dimensions which were made after carefully consulting the standard plan and I trust the statement now sent will be found to be correct in most respects. As regards Sivakolam butcherry if the Government Workshops bill lately sent is

approved of and sanctioned the rate must be increased from Rs 4 to Rs $5\frac{1}{4}$ per cubic foot

7 Brickwork. Has been calculated according to the standard plan but deductions are made in full - upper story and arch work allowed for separately centerings & are to be provided for out of sundries.

8 Limestone Has been provided for verandahs. Public hall and covered way - also at all doors to step in.

9 As regards plastering the difference is due to the increased height of walls to keep the roof uniform.

10. Flooring - the increase is due for the put stone.

11. Roofing - the increase is due to the addition of verandahs.

12. Painting the increase is due to the same cause.

13. In conclusion I beg to send on Mr Hawksworth's reports in original for the information of Government. I have found it absolutely necessary to reflect most seriously on his conduct and proceedings and it would be gross injustice to him not to submit the documents he has prepared and sent up with his estimates.

I have the honor to be
Sir
Your Most Obedt Servant
W. H. Tucker
District Engineer

Madras District Engineer's Office
No 5285 17 Madras 22 March 1875
Received from

Colonel J. H. Fischer R.E.
District Engineer Madras.

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

Enclosure 1
Estimate of
Rs 1480-

In reply to your Memo of the
18th Instant No 306, I have the honor to
state that the revised estimate for the
Palney Taluk Cutcherry does not contain
any provision for the sub-registrar's office
as I was not then aware in what manner
the Government desired this arrangement
should be carried out. I have this day
received an estimate from the Range
officer for adding this and beg to sub-
mit the same with this letter and to
request you will be good enough to have
it

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P. W. 1875
From No 355.
The District Engineer
Madras
to the Secretary
to Government
Dated 13th Jan 1875
Recd 21st Jan 1875
C. W. Walker R.E.
P. W. D.
Madras.

submit with
certain explanations
the revised estimate
for the Palney Taluk
and Cutcherry
Cutcherry.

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[illegible]

Executive Engineer
Camp. Pithoragarh
2nd November 1874

No 980.

From The Executive Engineer
in charge of Pithoragarh
To The District Engineer
Meerut

In reference to your No 2876 under
date the 6th ultimo I have the honor to
inform you that the S.O. No 1366 of 22nd May/74
was only received in my office on the 12th June/74
whereas the Estimate was despatched on
the 6th idem which will account for the
standard estimate not being adhered to and
which at most is but for information &
guidance & not intended to be binding
I enclose a statement with dimensions
taken from the model Revised Plans of
the correct dimensions.

1. In the first plan Mr Chisholm's
quantities wholly omits the wood work
for the Verandah all round & it is for
plan of 1872 & not for plan of 1874.

2. In the second the Verandah in front
of the Court house of 10 feet in plan of
1872, is altered now to 6 feet all round
& so it is included in my Estimate.

3. In the third plan the Court house end
is now Gable roof & not pent as before
hence a variation.

4. In the Verandah behind Sheristadair
room the rafters have had nothing provided
for.

Mr H. have copy of the
plans of 1874 sent to him in
March 1874. H.E.

1883 June 1st to 59 June (1874)
- 18th June 1874 - 228.239.
- 22nd - 175-357D-357E.
- 17th Feb 74 - 176 June (1874)
- 18th June 1874 - 306 of 1874 (1874)
- 18th June 1874 - 357 - 360
Chgo 92/74.

P. W. 1875 Dec 1st
From No 2009
The District Engineer
Meerut
To The Secretary
to Government P.W.D.

Date of receipt 22nd May 1875
Recd 27th March 1875

Enclo: 1
No 1068 of 1874
- revised estimate for the
Railway Station at Meerut
does not contain any
provision for the wall
Registers Office and
requests to have the
accounting estimate
prepared in the revised
one for Railway.
No 1068 of 1874.

[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page.]

to rest upon. In my estimate brackets are let into the wall & a purlin on them as also in the Verandah in front & rear of Court House & Post office.

5. It was the opinion of local Carpenters that the Hip Rafters with 17 feet span would be sure to sag or give in altogether. Diagonal Braces were therefore allowed as shown in the Models in the Court House & Maleward where the roof intersect & semi diagonal in the Front Verandah of Court House & in the Post office.

These I have omitted as the roof is altered from Pent into Gable except in the Record Room where additional support is given to the four Rafter by cross beams & struts to prevent sagging.

There was some doubt about the Secret how much was wood & how much masonry; it was also thought that if there was much wood work it would not be able to stand the very strong winds that blew in these Salugs. It was therefore provided to be built of masonry as far as the wooden Top or Roof, hence the difference in that item.

As it is too intricate work for the carpenters of these parts I have requested Mr. Grainger to supply both Rahney as well as Peraculum with this part of the wood work (Secret) in my letter No 1118 of 19th February/74 & trust that my having done so will be approved.

* Vide sketch plan sent with No. 493 of 11th Nov/74

The site No 1 for the construction of the Salug Antecherry was selected by the late 2nd Range Officer Mr. P. P. Parigam C.B. in the year 1864/65 and approved by Major Prendergast R.B. who was then Deputy Engineer of this Division. Materials such as bricks & lime & Rubble stones have been collected & manufactured by the present Salook Overseer (Chinnaswamy Pillay) and then the progress of the work was stopped by the order of the Deputy Engineer for a period of more than a year.

In the year 1869/70 on the succession of Mr. O. A. Haynes the late 2nd Range Officer the said work was set in progress by the order of the Superintending Engineer. The work such as cutting & leveling the ground of the original site excavating foundation & the preparation of materials were carried out by the same Salook Overseer for a period of more than a year & from that time the work was stopped till the year 1872 in the time of Range Officer Mr. H. Lyon C.B. and Captain Pennycook R.B.

In the latter part of the year 1872 on the succession of late Captain Longham who was then the Range Officer the estimate of the said Salug Antecherry received sanction to the amount of Rs 16300-0-0 & was forwarded for execution in February 1873 while the late Mr. Local Fund Overseer, S. Prakasanna Pillay was in charge of the northern portion of the Peraculum

Salug

Salug. Captain Loringham on inspection of the original site No 1 selected by Mr. O. Patigom has found out that the site is high ground comprised of made earth of a ruined village full of duck mixed with ashes &c. & made up his mind to select a piece which is more suitable for the construction & so in company with the present Sahildat of the Preadum Salug. Captain Loringham has selected the site No 2 close to site No 1 as a suitable one & directed the said Local Land Overseer to put the work in hand in the same site selected, the work such as excavating foundations & preparing materials were carried out upto the end of official year.

The ground was inspected by the late District Engineer in the month of May in company with myself who then decided on the spot the foundations are now laid.

I have &c
 Wm. J. B. Hawkeworth Esq.
 District Engineer
 Preadum
 (True Copy)

Wm. J. B. Hawkeworth
 M. A. R. E.

Received
 6/11/44

Wm. J. B. Hawkeworth Esq.
 District Engineer

Reference to the Greenfield Agreement
 Principal Agent for Services as regards
 the provision for the fuel and for the
 fuel and in the Preadum & the fuel
 with all enclosure and service
 statement for road work.

No. 2

25

Enclosure in a letter
from the District Eng^r
Madura to the Secy^r
to Govt P. W. D.
No 4247, dated 13th
January 1874.

P. W. 355/75
8

Explanation for the time occupied
between receipt & return of Revised
Estimates 27th
The Periana Ann Estimates returned
on the 6th October were received in this
office on the 12th October/74 & they were
ready for submission about the 27/10/74, when
the S^d Engineer came to P. W. D. and
made some more corrections in the
quantities of timber & returned the
same to be corrected in accordance with
his instructions. Accordingly the
corrections were made & Estimates
forwarded with No 980 of 2nd November/74
but they were again returned with
S^d Engineer's No 27 of 6/11/74 for further
revision & accordingly they were made
& shown to the District Engineer at
Tindivanam about the 14/11/74, when orders
were given to fair copy the comparative
statement & resubmit them having made
the necessary corrections. They were
finished about the 29/11/74 & kept ready
for

inspection

Enclosure in a

for examination by the Range Officer who made some corrections in accordance with the Standard Estimate on the 3/12/74 - Estimates had accordingly to be recalculated & fair copy ^{in part} finally submitted on the 21/12/74.

W. K. Smith
S. C. Engineer
in charge of the Dindigul Range

27a
No. 1183. Executive Engineer's Office
Dindigul 19th December 1874
Recd 21st Dec
From The Executive Engineer
in charge of Dindigul Range
To The District Engineer
Madurai

Sir,

I have the honor to
acknowledge the receipt of the Estimate
for the Peraculum and
Palmyr Salook Subcheries
forwarded with my No. 2204-504
of 10th June and 28th July 1874
and returned for revision and
correction with your No. 2
of 6th November and 1st of 12th
November 74.

In doing so I have the
honor to point out that the
scantlings of the woodwork
for the Salook Subcheries
were retained as they were
in the original sanctioned
Estimates of Rs. 16,600 with
additional requirements for
Verandahs and supports but
as the scantlings of the
standard Estimate have now
been adopted in the present,
with some corrections the
additional supports have

now

now have omitted.

The corrections have consisted in alterations in the flooring for flat tiles in which an addition has been made by introducing them into the thresholds of all doors.

Certain omissions in the original sanctioned Estimate as shown in the comparative statement herein enclosed have been supplied which is the cause of increase in Estimate to bring it up to the latest requirements.

The rates for the following items are taken from the Price list supplied by the Engineer from the P.W. Shop as they should be supplied from there.

I have carefully filled in the Rates at which I think the work could be done at personally and will & I trust soon with my endeavours to further their interests & get the work executed properly.

The nature of the work required in para 2 was excavation for foundations in part to the extent of 600 and collation of materials as per list forwarded with my letter of 629 of 10/2/74, which shows the nature and quantity of work performed.

Shown in my letter of 636 of 11/2/74 as to the circumstances under which I applied to the Engineer for the supply of the wood and timber for the foundations & look to the fact which, I am happy to state, is in accordance with

Nos. 2986
16-11-71
1366
22-5-74

with the S. referred to in para 2 and that for P.W. will now be also shown to the Standard & sent to the Engineer on the 4th November 1974. There was no work done on my Estimate but only on the original sanctioned Estimate or the subsequent Standard Estimate, by Mr. Engineer.

The printed specifications as given in G.O. Nos. 2986, 120 A, 1014 and 1366 will be followed in all respects.

I have the honor to be
Sir,

Your most obedt servant
W. Cunningham Esq. Engineer
In charge of the P.W. Division
Rangoon

Civil Buildings . Revised 33^a New York

Detailed Estimate No 7 1874-75

District Madras Taluk Periamalur

Works Constructing Out Buildings of the
Landing Catcher at Pericolum

Particulars of work	Numbered	Measurements in feet					Cement	Quantity
		Length			Breadth	Height		
		End	Start	Total Length				
<u>Cook Room</u>								
Excavation for foundations		61	61	61	4	3	732	✓
Total Mud		66 yds						27 ✓
<u>Concrete 12" thick</u>								
Excavation ÷ 3 =		66 yds						9 ✓
<u>Brick work in chimney</u>								
Walls footings		61	61	61	2	1	122	✓
do above do		61	61	61	1 1/2	10	765	✓
Gables	2	13 1/4	26 1/2	26 1/2	1 1/4	2 1/2	83	✓
Step		16 1/2	16 1/2	16 1/2	1	1	17	✓
Total		66 feet					985	✓
Deduct openings	2	4	8	8	1 1/4	9	90	✓
Remaining Brick in chimney		66 feet					895	✓
<u>or loggards</u>								
Sitting in basement		16	16	16	12	2 1/4	164	✓
Total Mud		66 yds						
<u>Wood work</u>								
Hall plates	2	21 1/2	43	43	3	5	5	✓
Screen board	2	21 1/2	43	43	1 1/2	7	2	✓
do	2	22	44	44	1 1/2	7	2	✓
Total Teak wood wrought up		66 feet					9	✓

No. 1183.

From
J. Cassin's Spring
can you get a few
more of the same

The District Judge
Madison

October 1902 }
 December 1902 }
 January 1903 }

Encl-11

P. 355/75

10

Admiring the Union

Columbus Jr sent a check

Exchequer at Salisbury 4

Dearest with love

necessary instructions

90-16 St Paul 75 mi

4343

Tile Roofing Complete	21 1/2	21 1/2	22	473	✓
Total Tiled Roofing Squares				4 3/4	✓
Plastering					

Interiors	53	53	9	477	✓
Gables	2 12	12	2 1/2	60	✓
Exteriors	58	58	9	522	✓
Gables	2 14 1/2	29	2 1/2	73	✓

Total Plastering in Chiman Sq feet 1132 ✓
or Squares 11 1/2 ✓

Flooring with Square Tiles					
Room	16	16	12	192	✓
Door ways	2 4	8	8	1 1/4	10 ✓
Step	16	16	1	16	✓

Total Flooring with Square Tiles Sq feet 218 ✓
or Squares 2 1/2 ✓

Public Latrine

Excavations for foundations					
Outer walls	102	102	4	3	1224 ✓
Seats	2 13	26	26	3	1 1/2 117 ✓
Earth Store wall	1 10 1/2	10 1/2	1	1 1/2	16 ✓
Cisterns	2 4	8	8	3	3 72 ✓

Total Mud 6 c. feet 1429 ✓
or 6 c. yards 53 ✓

Concrete 12" thick

Excavations: 3 = 6 c. yards 18 ✓

Brick work in Chiman

Outer walls for foundations	102	102	2 1/4	1	230 ✓
Do	102	102	1 1/2	1	153 ✓
Seats	2 13	26	26	3	1 78 ✓
Cisterns	2 8 1/2	17	17	3 1/4	2 26 ✓

Cisterns foundations	2 3	3 1/2	1	1 1/2	72 ✓
Earth Store wall do	13	13	13	1	1 13 ✓
Outer walls basement	102	102	1 1/2	1 1/2	77 ✓
Pillars	12 1 1/2	18	18	1 1/2	8 1/2 230 ✓
Seat partitions	2 13	26	26	1 1/2	5 1/2 71 ✓
Do	12 2	24	24	1 1/2	5 1/2 66 ✓
Earth Store wall	1 13 1/2	27	27	1 1/2	1 27 ✓
Seats	10 2	20	20	2 1/2	20 ✓

Total Brick in Chiman 6 c. feet 1003 ✓
or 6 c. yards 37 ✓

Honey Comb work with Tiles					
	2 10	20	20	8 1/2	170 ✓
	8 7	56	56	8 1/2	476 ✓
	1 4	4	4	8 1/2	34 ✓

Total Honey Comb work Sq feet 680 ✓
or Squares 6 5/10 ✓

Wood work

Bressumiers	2 45	90	90	5 1/2	7 1/2 22 ✓
Outer board	132	132	1 1/2	7 1/2	6 ✓
Total Lank wood wrought					28 ✓

Tiled Roofing Complete 45 45 21 945 ✓

Total Tile Roofing Complete Squares 9 1/2 ✓

Plastering

Basement	108	108	1/2	54	✓
Pillars	12 6	72	72	8 1/2	612 ✓
Seat partitions	2 13	26	26	11 1/2	299 ✓
Do	11 2	22	22	11 1/2	253 ✓
Earth Store wall	13	13	8	104	✓

Cisterns	2	$2\frac{1}{4}$	$4\frac{1}{2}$	$4\frac{1}{2}$	"	$2\frac{1}{2}$	11	✓	
do	2	$9\frac{2}{3}$	$19\frac{1}{3}$	$19\frac{1}{3}$	"	$2\frac{1}{2}$	48	✓	
Total Plastering in Chumam Sq/feet								1381	✓
or Square								14	✓
Flooring with Asphalte	"	$39\frac{1}{2}$	"	$39\frac{1}{2}$	"	$11\frac{1}{2}$	454	✓	
Total Square								$4\frac{1}{2}$	✓
Trap-doors over Cisterns	2				do		2	✓	
Zinc buckets	4				do		4	✓	
<u>Jail Latrine</u>									
Excavation for foundations									
Outer walls	"	70	"	70	4	3	840	✓	
Partition wall	"	$7\frac{1}{2}$	"	$7\frac{1}{2}$	4	3	90	✓	
Seats	"	15	"	15	3	$1\frac{1}{2}$	68	✓	
Cistern	"	4	"	4	3	3	36	✓	
Total Mud Sq/feet								1034	✓
or Sq Yards								39	✓
<u>Concrete 12" thick</u>									
Excavation: 3 =							Sq Yards	13	✓
<u>Brick work in Chumam</u>									
Outer walls footings	"	70	"	70	$2\frac{1}{4}$	1	158	✓	
Partition wall - do	"	$9\frac{1}{4}$	"	$9\frac{1}{4}$	$1\frac{3}{4}$	1	16	✓	
Outer walls up to ground level	"	70	"	70	$1\frac{1}{2}$	1	105	✓	
Partition wall - do	"	10	"	10	1	1	10	✓	
Seats	"	15	"	15	3	1	45	✓	
Cistern	"	$8\frac{1}{2}$	"	$8\frac{1}{2}$	$\frac{3}{4}$	2	13	✓	
do	"	3	"	3	4	$\frac{1}{2}$	6	✓	
Basement above ground	"	70	"	70	$1\frac{1}{2}$	$\frac{1}{2}$	50	✓	
Pillars	"	9	$1\frac{1}{2}$	$13\frac{1}{2}$	$1\frac{1}{2}$	$8\frac{1}{2}$	172	✓	
Partition wall	"	1	10	"	10	1	9	90	✓
Grate	"	13	"	13	1	2	26	✓	

[illegible]

Travelling works & turnpike									
around wall			57.33	1	$\frac{1}{2}$	171.99			
Total Travelling	6	ganda						6.34	
Wooden bar & pulley									1

G. M. M. M. M.
Executive Engineer
In charge of 2 Ramps

98-16 April 75
in Rs. No. 433

Civil Buildings Revised 419 New Work
Abstract Estimate of 1874-75
District of Madras at the Periaadum
Work Constructing Out Buildings of the District
Cutchery at Periaadum

Quantities	Description of charges	Rate	Amount	Total
<u>Cook Room</u>				
27	6 cts of Excavation for foundation	2	3	6
9	do of Concrete	2	8	22
33	do of Brickwork in chimney	4	8	148
5 $\frac{1}{3}$	do of Plastering on basement	1	6	8
9	6 cts of Teak wood wrought	4		36
4 $\frac{3}{4}$	Squares of Tile Roofing Complete	21		99
11 $\frac{1}{2}$	do of Plastering or pointing with chunam	2	8	28
2 $\frac{1}{5}$	do of Flooring with square tiles	8		17
	Sanitaries			23
				380
<u>Public Latrine</u>				
53	6 cts of Excavation for foundation	2	6	10
18	do of Concrete	2	8	45
37	do of Brickwork in chimney	4	8	166
6 $\frac{8}{10}$	Squares of Honeycomb work with tiles	8		54
28	6 cts of Teak wood wrought	4		112
9 $\frac{1}{2}$	Squares of Tile Roofing Complete	21		199
14	do of Plastering or pointing	3		42
4 $\frac{1}{2}$	do of Flooring with asphalt	30		135

2	Trap doors over Cisterns	15	"	"	761	"	5	
4	Zinc buckets	3	"	"	30	"	"	
	Sundries				12	"	"	
					56	15	9	8600
<u>Jail Latrine</u>								
39	6 ³ / ₄ of Excavation for foundations	"	2	"	4	14	"	
13	- do - of Concrete	2	8	"	32	8	"	
29	- do - of Brick work in Chumam	4	8	"	130	8	"	X
1 ³ / ₁₀	Squares Honey Comb work							
	with tiles	8	"	"	34	6	5	X
19	6 ³ / ₄ feet Teak wood wrought	4	"	"	76	"	"	X
6 ¹ / ₁₀	Squares of Tile Roofing Complete	21	"	"	128	1	7	X
10 ¹ / ₂	- do - Plastering or Pointing	3	"	"	31	8	"	X
2 ¹ / ₂	- do - Flooring with Asphalt	30	"	"	75	"	"	X
1	Trap doors over Cisterns	15	"	"	15	"	"	X
2	Zinc buckets	3	"	"	6	"	"	X
	Sundries				36	2	"	

<u>Gate</u>								
3	6 ³ / ₄ of Excavation for foundation	"	2	"	"	6	"	X
1	- do - Concrete	2	8	"	2	8	"	X
3 ¹ / ₅	- do - Brick in Chumam	4	8	"	14	6	5	X
9	6 ³ / ₄ feet Teak wood wrought	4	"	"	36	"	"	X
	including iron work	4	"	"	36	"	"	X
1	Squares Plastering or Pointing	3	"	"	3	"	"	X
	Sundries				13	11	7	

<u>Boundary wall for a</u>								
<u>Length of 10 feet</u>								
4 ⁴ / ₉	6 ³ / ₄ of Excavation	"	2	"	"	8	11	X
2	- do - Concrete	2	8	"	5	"	"	X
3	- do - Brick in Chumam	4	8	"	13	8	"	X

1 ¹ / ₁₀	Squares of Plastering or Pointing	3	"	"	19	"	11	1880
	Sundries				2	10	4	X
	For a Length of 10 feet				25	"	"	X
	For 1000 feet							2500
<u>Sinking a well of 10 feet diam.</u>								
29.4	6 ³ / ₄ of Loose Earth	"	1	5	2	9	7	
29.4	- do - of Hard Earth	"	2	3	4	2	1	
58.1	- do - of Bricks	"	6	"	21	12	7	
11.09	- do - of Brick in Chumam	4	4	"	47	2	1	
5	Squares of Plastering	3	"	"	15	"	"	
6.37	6 ³ / ₄ of Graveling & tamping	"	13	"	5	2	9	
	Wooden bar with Pulley and iron work etc.	"	"	"	10	"	"	
	Baling Sundries				14	2	11	
	Total Rupees for a Well				120	"	"	
	For 2 Wells							240

Total Estimate Rupees 4620

Camp Allingoram
12th June 1913
W. K. M. M. M.
Executive Engineer
In charge of 2nd Range.
W. T. Tucker Esq. Col. R.E.
District Engineer Madras

1/12/53/10
Madura District
2nd or Bridgford Range

Returned 12th/1/1874
Civil Building

Detached & Col. 1874
Estimates for construct-
ing Det. building
of the S. L. C. at
Periacolum
Returned 12th/1/1874

1/12/53/10
Madura District
2nd or Bridgford Range
Returned 12th/1/1874

1222. W. 9

1/12/53/10
Madura District
2nd or Bridgford Range
Returned 12th/1/1874

Enc 2/ In a letter from
the District Engineer Madras
to the Secretary to Govt. P.W.
dated 8 July 1874 No 1452

Enclosure in a letter from
the District Engineer Madras
to the Secretary to Govt. P.W.
dated 13th Jan'y 1875 No 4247

P. W. 355/75
7

Estimate for
vat buildings -

5957
P.W. 4392/74
2

429
Proceedings of the Madras Government

Read again letters from
the St. Eng. Madras, Nos 3978 and 4081 dated 19th and
24th Decr 74, respectively, and recorded in L. O No 720 dated
15 March 1875.

Read also the following:-

From the St. Eng. Madras - (No 4247 - d. 13th Jan'y 75)
No - 5255 d. 22nd March 75
G.O No 1068 of 18th April 1875

The revised estimate
for the Lahiy Cutcherry at
Quilley is sanctioned subject
to the following alterations

Reductions
Uncompained wall and
gateway Rs 3625
Treasury Vault - 500
Total Rs 4125

Additional
Railing in treasury room 1400
Total reductions Rs 1630
Total Rs 2495

The amount of the estimate
will therefore be Rs 23

The construction of the com-
pained wall may be post-
poned for the present as it
is not of pressing necessity
and the treasury vault is
superfluous

superseceded by railings in
the treasury room under
G.O. No 1340 and 76 of the

20th May 1871. *revised, sent to the
printer, in Feb. 1871*

The recs above the original
estimate sanctioned in G.O. No
121 of the 13th January 1871 is
therefore Rspees 7005.

2. Although a portion of
it is attributable to alterations
in the design sanctioned by
Government, the greater amount
is due to omissions in the
original estimate, which a more
careful study of the Standard
Plan would have prevented.
Such an estimate should not
be allowed to pass
through the District Engineer's
hands.

3. The District Engineer's
attention is further called

699

to the specification of the
Leventing Architect issued
under G.O. of the 22nd May 1871
No 1366 by which he will
see that, the "semidiagonal
tie beams" provided by
the Range Officers are un-
necessary.

W. L. S.
G. M. V.

To District Engineer - *Comptroller, State Bank, C. P. 8328 of 1876*
with 2 abstract Estimates
from the parts of Specimens
to G.O. 714 of the 355/76
- *Ind. Dept.*