

(1) Number of pages 76

(2) Date of repair 12-4-42

(3) Initials of the Referees

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

GO. No.	<u>339</u>	Press
		<u>Mk</u>
Dated	<u>2-2-42</u>	13

Not to be folded or roughly handled

17

*Proceedings of the Madras Government, Public Works Department,
2nd February 1864.*

No. 25. Read the following letter from Lieutenant-Colonel G. W. WALKER, R. E.,
Superintending Engineer, 7th Division, to Colonel C. A. ORR, R. E., Secretary to
Government, Department Public Works, dated Coonoor, 14th January 1864, No. 297 :—
Sir,

1. With reference to Government Orders No. 2,902 and 3,089 of 6th and 23rd October,
I have the honor to submit the following papers, viz. :—

	rs.
1. Plan, Sketch and Estimate of the Kulputty Bridge at Palghat ...	22,000
2. Estimate and Survey of approaches to do. ...	8,000
3. Two Estimates of repairs to existing approaches ...	2,140

2. The first set of papers have been prepared in supercession of a Girder bridge Estimate
amounting to Rupees 50,000, as per Government Memorandum No. 91 of 15th September. The
second have been revised under my orders on the spot, and include items of about Rupees 1,000
each for compensation for land and for tunnels, much cultivation being unavoidably encountered.
The third provide for putting in order the existing continuation of the new approaches. Site
C, is that definitely selected; it is the very best in itself, and is in very respect best suited for
the public convenience.

3. A spirited offer having been made to take up contracts for the work on a large scale,
I have the honor to recommend that Rupees 5,000, out of Rupees 6,350 which cannot be spent
from the Budget sanction of Rupees 20,000 for the Calicut and Palghat road, be appropriated
for commencing the bridge work at once; the remaining Rupees 1,350 being diverted to the
Mullappooram and Ponany road alluded to in paragraph 3 of my letter printed with Government
Order No. 3,514 of 30th November, its Income Tax sanction of Rupees 10,000 being exhausted,
and a moderate sum urgently required to lay certain bridge foundations during the current
season.

4. I was wrong in saying that any Local Funds of the current year were available for im-
proving the Palghat roads. Now that, after some trouble, I have got the Progress Reports, &c.,
of Malabar Local Funds systematically arranged according to Budget sanctions, I find there is
not likely to be any thing to spare. Till the detailed statements now in course of preparation
by order of Government are ready, I cannot say exactly what General Repair Funds of the
Division are available for the works included in item 3, but if they are sanctioned I can hereafter
report the exact appropriation to be made.

No. 26. ORDER THEREON, 2nd February 1864, No. 339.

* No. 2,902, 6th October 1863. 1. In compliance with the Orders* of Government, the
" 3,089, 23rd " " Superintending Engineer, 7th Division, submits the following
Estimates :—

	rs.
A trussed timber bridge, on masonry piers, across the Ponany river at Palghat ...	22,000
Construction of new road leading over proposed bridge to the Rail- way Station ...	8,000
Repairs of old line of road ...	2,140

The Superintending Engineer reports that the site fixed on is the one marked C. in Colonel
Ouchterlony's original sketch, and referred to in the two
Orders† of Government marginally quoted. Colonel Walker
states that it is decidedly the best in all respects.

2. The plan of the ground illustrative of the position of the bridge is a more sketch of
the roughest kind, such as should not be sent in with a project of this description, and the
Governor in Council desires that more attention may be paid by Superintending Engineers to

*Proceedings of the Madras Government, Public Works Department,
2nd February 1861.*

the preparation of their plans. The design is however approved, and the Estimates, amounting in all to Rupees 52,140, are sanctioned. The mode in which Colonel Walker proposes to obtain funds for the immediate commencement of the bridge, by appropriating Rupees 1,000 from the sum sanctioned for the Palghat and Calicut road, is also approved.

3. The proposed appropriation of Rupees 1,250, from the same source, to the road between Mallapooram and Porany, is also approved.

4. An allotment of funds will be hereafter made to meet the sanctioned Estimate of Rupees 8,000 for the new line of road. Government accept the report presented in paragraph 4 of the Superintending Engineer's letter, as to the mode in which the cost of the repairs to the old line, Rupees 2,140, is to be met.

(True Extract)

(Signed) CHARLES A. ORR, Colonel, R.E.
Secretary to Government.

To the Superintending Engineer, 7th Division.
To all other Superintending Engineers.
To the Controller and Auditor of Public Works Accounts.
" Accountant General.

1875

Certificate for Humility for
 term from Aug. 20 to
6 March 1881 term in
College

James and family to - 9th Dec

249/18

Polyhant

Preparing the road from big Wagon to junction with Carpenters Road at Polyhant

Measure	ft	in	ft	in
12	12	5		
12	12	6		
21	3	1/4		
18	12	2		
21	42	3/4		

315 Soil to be excavated from ditch
 100 Stone to be used for foundation
 150 Excavation for drainage ditch
 400 Driveway
 1474 Total length of excavation in Carpenters
 7070 Carpenters Stone
 7070 Total length of Carpenters Stone
 60 Driveway to be excavated

Total Estimated Carpenters Expenses 540

Preparing the road from big Wagon to junction with Carpenters Road at Polyhant

1 3 ft 0 in 28 2"
 12 3 ft 0 in 33 8"
 6 3 ft 0 in 27 ...
 33 6 426

As the road branches C in the White will be taken to the road from Polyhant to the Railway Station it is proposed to place the road on top of the road and to construct a small tunnel for the passage of the drainage to the drainage on this road will not be very heavy as it is very good water supply to the settlement of Carpenters Stone Quarry 1/2 mile of the road entered on the estimate will be sufficient to place the road in permanent order

Polyhant Road Office
 Polyhant 17th Nov 1863

Wm. Walker
 Supt. Carpenters

Carpenters
 Recd 12.12 1863.
 Decd 15.12 1863.

Wm. M. M.
 Superior Division
 in charge of Polyhant Road

Carpenters Road 4500 34 1/2 500 1/2 1863

Contract

Work	Quantity	Measurement	Particulars of Work	Unit of Measure	Price per Unit	Total
Excavation	100	cu yd	Excavation of trench 100' x 4' x 4'	cu yd	1.50	150.00
Gravel	100	cu yd	Gravel for trench 100' x 4' x 4'	cu yd	1.50	150.00
Concrete	100	cu yd	Concrete for trench 100' x 4' x 4'	cu yd	1.50	150.00
Brick	100	sq ft	Brick for trench 100' x 4' x 4'	sq ft	1.50	150.00
Plaster	100	sq ft	Plaster for trench 100' x 4' x 4'	sq ft	1.50	150.00
Paint	100	sq ft	Paint for trench 100' x 4' x 4'	sq ft	1.50	150.00
Roofing	100	sq ft	Roofing for trench 100' x 4' x 4'	sq ft	1.50	150.00
Windows	100	sq ft	Windows for trench 100' x 4' x 4'	sq ft	1.50	150.00
Doors	100	sq ft	Doors for trench 100' x 4' x 4'	sq ft	1.50	150.00
Stairs	100	sq ft	Stairs for trench 100' x 4' x 4'	sq ft	1.50	150.00
Lighting	100	sq ft	Lighting for trench 100' x 4' x 4'	sq ft	1.50	150.00
Heating	100	sq ft	Heating for trench 100' x 4' x 4'	sq ft	1.50	150.00
Plumbing	100	sq ft	Plumbing for trench 100' x 4' x 4'	sq ft	1.50	150.00
Electric	100	sq ft	Electric for trench 100' x 4' x 4'	sq ft	1.50	150.00
Sanitary	100	sq ft	Sanitary for trench 100' x 4' x 4'	sq ft	1.50	150.00
Structural	100	sq ft	Structural for trench 100' x 4' x 4'	sq ft	1.50	150.00
Decorative	100	sq ft	Decorative for trench 100' x 4' x 4'	sq ft	1.50	150.00
Other	100	sq ft	Other for trench 100' x 4' x 4'	sq ft	1.50	150.00
Total						1500.00

Total Estimated Amount Due \$1500.00

Appendix

Particulars of Work	Unit of Measure	Price per Unit	Total
Excavation	cu yd	1.50	150.00
Gravel	cu yd	1.50	150.00
Concrete	cu yd	1.50	150.00
Brick	sq ft	1.50	150.00
Plaster	sq ft	1.50	150.00
Paint	sq ft	1.50	150.00
Roofing	sq ft	1.50	150.00
Windows	sq ft	1.50	150.00
Doors	sq ft	1.50	150.00
Stairs	sq ft	1.50	150.00
Lighting	sq ft	1.50	150.00
Heating	sq ft	1.50	150.00
Plumbing	sq ft	1.50	150.00
Electric	sq ft	1.50	150.00
Sanitary	sq ft	1.50	150.00
Structural	sq ft	1.50	150.00
Decorative	sq ft	1.50	150.00
Other	sq ft	1.50	150.00
Total			1500.00

[illegible]

Cornwall 14th February 1864

Sir
Lieut Colonel G. W. Walker R.E.
Superintending Engineer
Colonel C. S. Ver R.E.
Secretary to Government

With reference to Government Orders Nos 3089 of 6th and 31st October, I have the honor to sub-
mit the following papers in
1 Plan, Sketch, and Estimate of
the Malpura Bridge at Palghat 2,400
2 Estimate and Survey of ap-
proaches to Billa 8,000
3 Two estimates of repairs to
existing approaches 2,140

The first set of papers have
been prepared in anticipation of
a bridge estimate amount-
ing to Rs. 50,000 as per Govern-
ment Memo. No 9 of 10th September
The 2nd have been revised under
my orders on the spot, and include
allowances of about Rupees 1000 each
for compensation for land and for
tunnels, much cultivation being un-
avoidably encountered. The 3rd
provided for putting in order the ex-
isting continuation of the new approach.
Site C is that definitely selected
it is the very best in itself and is
in every respect best suited for the
public convenience.

A spirited offer having been
made to take up contracts for the
work on a large scale, I have the
honor to recommend that Rs 5000
out of Rs 6300 which cannot be spent

of about Rs 2000

Estimate for Constructing

Bonded Roads from

Palghat to Billa & junction

with road near the station

Station at Palghat

Amounting to Rs 5000

27/2/64

for the Palghat and Palghat Road
 be appropriated for commencing
 the Bridge work at once; the remain-
 ing Rs 1350 being diverted to the Muller
 Lagoon and Ponnay Road allotted
 to in para 3 of my letter printed with
 Government Order No 554 of 30th So.
 number its income tax sanction
 of Rupees 10000 being exhausted, and a
 moderate sum urgently required
 to lay certain Bridge foundations
 during the current season.

I was wrong in saying that
 any local funds of the current year
 were available for improving the
 Palghat Road. Now that, after some
 trouble, I have got the Progress Reports
 for Malabar local funds systema-
 tically arranged according to Budget
 sanctions, I find there is not likely
 to be any thing to spare. Till the so-
 called statement now in course of
 preparation by order of Government
 are ready, I cannot say exactly what
 General Repair funds of the Division
 are available for the works included in
 item 3, but if they are sanctioned I
 am hereafter report the exact appor-
 tionation to be made.

I have the honor to be
 Sir,
 your most obedient servant

W. Walker
 Supt. Engineer &c

No 339 Public Works Dept.
 of the Madras Government
 Under date 12th Feb 1864
 Read the following
 letter from the Supt. Engr.
 and Estimates

the best in all respects.
 The Govt. in
 Council sanction the
 Mr. Walker

for the fallen and Palghat to be appropriated for commencing the Bridge work at once; the sum of Rs 1300 being diverted to the same purpose and Panangudi all.

10th of Feb 1864
 10th 1864 Dept
 from the Supg. Engr
 No 249
 to the Secy. to Govt
 W. P. W.

Dated 14th Jan 1864
 Read 18th "

No 297
 Encl.
 1 Estimate 2 Returned Order to
 3 Plans - 3 663/64
 Forwarding plans and Estimates for Mulpathy bridge at Palghat.

No 25

No 339 - 2nd February

23rd Jan 1864 No 26

M. Walker
 Supg. Engineer

No 339 Public Works Dept
 Government of the Madras Government
 Under date the 2nd Feb 1864

Forwarding plans and Estimates for Mulpathy bridge at Palghat

Read the following letter from the Supg. Engr 7th Division

Recd. Enter 14 Jan 1864 No 297

2902. 1.000. 62
 3089. 23.000. 62.

In compliance with the orders of Govt, the Sup. Engineer, 7th Div. submits the following estimates:

A trussed timber bridge on masonry piers, across the Ponany river at No. Palghat - 22,000.

Construction of road leading over proposed bridge to the Railway Station - 8,000.

Repairs of old line of road - 2,140.

2689. 7 Nov. 62
 3018. 16 Dec. 62.

I don't think that the plan submitted in such a hurried manner is with a prospect of the kind it is a mere sketch of the roughest possible character. More attention must be paid by the Superintending Engr to the preparation of plans. The scheme however may be maintained in the plan of the road.

The Sup. Engineer reports that the site first on is the one marked in Col. Dackler's original sketch, & referred to in the two orders of Govt. marginally quoted. Col. Walker states that it is decidedly the best in all respects.

The Governor in Council sanction the

~~for a~~
 heap
 the
 ing
 1000
 11

the form of the ground were to
~~be~~
~~fragary~~ Petriels
 amounting in all to
 Rs. 32,140 ^{are ascertained}

approved the mode
in which Col. Walker
proposes to obtain
funds for the immediate
commencement of the
bridge, by appropriating
Rs. 5,000 from the
sum sanctioned for
the Peshawar Station
road is also approved

The proposed appropriation of Rs. 1350. from the same source, to the road between Mulkiapooram & Ponany, is also approved.

All allotment of
funds ~~for the~~ will be
hereafter made to
meet the sanctioned
estimate of Rs. 8000
for the new line of
road. God's will.
The report promises
in para 4 of the Lys?

a fine of the perfection of the bridge is a mere sketch of the roughness kind each should not be sent in with a project of this description, and the Govt in Council decides that more attention may be paid by Superintending Engineers to the preparation of their plans. The design is now under approval and then

Engineer's letter, as to
the ~~amount~~ ^{mode} in which the
cost of the repairs to
the old line, Rs. 2140,
is to be met.

To the Supply Engineer Don & the specifications
To all other Supply Engineers
To the Controller of Ordnance
in a letter general

Dec 3rd 1864

