

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2211	Press Mis.
550-51	
Dated 23. 7	1867.

Not to be folded or roughly handled

100

*Proceedings of the Madras Government, Public Works Department,
23rd July 1867.*

No. 550. Read the following letter from the Superintending Engineer, 2nd Division, to the Secretary to Government, Department Public Works, dated Masulipatam, 11th July 1867, No. 51:—

At present a small bridge spans the Poollairoo at Kunkepau, having a water-way of only 24 feet. Under the new arrangements the channel bed is to be 60 feet wide, and it becomes necessary to build a new bridge of three openings of 20 feet each. This work was not included in the estimate for the Upper Poollairoo, &c., extensions (Rupees 1,72,830), sanctioned in G. O. No. 747, dated 17th March 1865. I therefore have the honour of forwarding a plan and estimate (Rupees 2,820) for a new structure, and should it meet the approval of Government, I shall feel obliged by their adding this amount to that formerly sanctioned.

No. 551. ORDER THEREON, 23rd July 1867, No. 2,211.

CIVIL WORKS, No. 75.

The Government sanction the estimate of Rupees 2,820 for the construction of a bridge of three arches of 20 feet span over the Poollairoo at Kunkepau in the Kistna District, and grant authority for the amount being added to the estimate for the project* which is entered as item 134 of the current year's Budget.

* Enlarging, extending, and improving channels in the Masulipatam section of the Kistna Delta, Rupees 1,72,830.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Under Secretary to Government.

To the Superintending Engineer, 2nd Division, with Detailed Estimate and Specification.

- " Accountant General.
- " Controller of Public Works Accounts.
- " Revenue Department.

Ezd. S. T. Augustin.

*I am, Sir, very respectfully,
Your obedient servant,
J. H. M. Shaw Stewart*

No 51

Super Engineer & Dir
Maidenhead
11 July 1867.

From Lieut Col G. V. Winscom R.E.
To Super Engineer & Dir
Colonel C. A. Orr R.E.
Secretary to Government
D.P.C.

His
At present a small bridge
spans the Pollairro at Kinkipand
Having a water way of only 24 ft.
Under the new arrangements the channel
bed is to be 60 wide. and it becomes
necessary to build a new bridge of
3 openings of 20 each. This work
was not included in the Estimate
for the Upper Pollairro & extensions.
(No. 172830) sanctioned in G. O.
No 747 dated 17 March 1865. I
therefore have the honor of
forwarding a Plan and Estimate
/No 2820/ for a new structure &
should it meet the approval
I am sure I shall feel obliged

by their adding this amount to that
formerly sanctioned -

I have the honor to be
Yours most Obedt Servt

Geo. Minicom. Sub. Engr
Super Engineer & Dns

Dec 530

Attest
I do hereby certify that the
above is a true and correct
copy of the original
as the same appears in the
office of the District Engineer
at Bangalore
this 11th day of July 1867
Geo. Minicom. Sub. Engr
Super Engineer & Dns
Attest
I do hereby certify that the
above is a true and correct
copy of the original
as the same appears in the
office of the District Engineer
at Bangalore
this 11th day of July 1867
Geo. Minicom. Sub. Engr
Super Engineer & Dns

DETAILED ESTIMATE No. 155 of 1867/68

District Kistna

Work Constructing a proposed Bridge on the Ry-dorah Road over
Channel Connecting Maoulipatam Canal with the Poolairu
at Pannu in lieu of the one which exists at present.

Particulars.	Number.	Measurement.			Cubical Contents.
		Length.	Breadth.	Height.	
<u>Concrete foundation to</u>					
Under abutments	2	23.37.0	1.0		328.6"
Do Wing wall	4	4.07.4 $\frac{1}{2}$	0.6		59.0"
Do Do	4	4.06.9	0.6		54.0"
Do Do	4	4.06.1 $\frac{1}{2}$	0.6		49.0"
Do Do	4	5.05.1 $\frac{1}{2}$	0.6		51.3"
		Cubical ft.			538.9"
		Cys			20
<u>Rubble Masonry.</u>					
Foundation to abutments	2	22.36.0	3.0		801.0"
Do to retaining walls	2	15.01.6	2.0		90.0"
Do to Wings	4	4.96.4 $\frac{1}{4}$	3.0		363.4 $\frac{1}{2}$ "
Do Do	4	4.05.9	3.0		276.0"
Do Do	4	4.05.1 $\frac{1}{2}$	3.0		246.0"
Do Do	4	5.04.1 $\frac{1}{2}$	3.0		247.6"
Do Do					
<u>Superstructure.</u>					
Abutments up to springing line	2	20.64.6	12.0		224.0"
Do Do	2	20.62.3	5.4 $\frac{1}{2}$		350.11"
Do Do	2	20.62.3	2.6 $\frac{1}{2}$		260.6"
Do Do	4	18.11.2	11.9.9		2169.4"
Do Do	4	8.01.6	0.4		16.0"
		Cubical ft.			7234.7 $\frac{1}{2}$ "
		Cys			268
Arch	1	22.017.6	1.6		577.6"
Total of					577.6"

Particulars.	Number.	Measurement.			Cubical Contents.
		Length.	Breadth.	Height.	
Brick in Chunam Parapet	2	61'-0 1/2"	3'	2'-0"	$305-0$ <i>Curved</i> $11 \frac{1}{2}$
Cut Stone Cordon Work	2	61'-6"	.	.	$123 \frac{1}{2} \text{ ft.}$
Coping to parapet	2	61'-6"	.	.	$123 \frac{1}{2} \text{ ft.}$
Painting Chunam					
Side walls and Soffit of the Arch	1	43'	17'-6"	.	$752-6$
Wing walls	4	21'-6"	11'-.	.	$946-$
Do at End	4	2'-0 1/4"	6'	.	$36-.$
Face walls	4	8'-.	2'-9"	.	$88-.$
Parapet walls	2	61'-.	7'-4"	.	$894-8$
Do at End	4	1'-3"	3'-2"	.	$15-10$
					$14 \frac{1}{2} \text{ ft. } 2735-0$
Installing Road way	1	19'-0 1/5"	20'-9"	9"	$215-9$
Do	1	30'-0 1/5"	20'-9"	9"	$337-6$
					$557-3$
					$20 \frac{1}{2}$
Raising approaches Excavating foundations and filling in					
Centering					
Temporary Bridge					
4 Guard stones					
Baling water					
Surveys and Contingencies					

Abstract Estimate No 158 of 1867-68
No. 18. Constructing a proposed Bridge on the Hyderabad
Road over the Channel Connecting Diaseulipatam Canal
with the Poolair near Pannure in lieu of one which exists at present.

Quantity	Description of Charges.	Rate	Amount	Total.
20	Cybs of Concrete work	4 3 6	84	11 0
268	do of Rough stone in Chunan	4 10 "	1239	8 "
577 1/2	Cpl of Arch work brick in Chunan	" 4 3	153	6 4
11 2/3	Cybs of brick in Chunan	5 6 "	60	11 6
123	Running feet of Cut stone Cordon work	" 4 "	30	12 "
123	do of Cut stone Coping work	" 6 "	46	2 "
27 1/3	Squares of pointing Chunan	1 4 "	34	2 8
20 1/2	Cybs Metalling with old bricks	" 5 6	7	" 9
	Raising approaches Excavating	" - "	60	- "
	foundations and filling in	" - "	40	- "
	Centering	" - "	20	- "
	Temporary Bridges	3 - "	12	- "
	Guard stones	" - "	10	- "
	Dabing water	2 8 "	51	9 9
	Minoris and Contingencies about			1850 "
	Demol. Value of Old rough stone			500 "
	Total Estimate Rupees			1350 " "

ork

Constructing Bridge of 3 arches of 20 ft span
 to replace that Existing over Pullar at
 Nunkapand

Quantity.	Description of Charges.	Rate.	Amount.	Total.
1,55 1/2	Cubic yards of Rough stone in chumans	24.0	14,806.0	
93	Do of Brick in chumans	6.25	572.09	
25 1/2	Do of Cut stone in chumans	11.60	290.10	
66	Squares of pointing	1.71	95.36	
4.52	Cubic yards of excavating foundation	6.10	28.40	
4	Guard stones each	3.00	12.00	
	Centrings	" "	120.00	
	Railing	" "	150.00	
	Removing old pier and abutments	" "	5.00	2,752.153
	Contingencies & Sundries at 2 1/2 per cent	-	-	67.09
	Total Estimate			2820.00

Supy Engr Office
 In asilepatam
 11th July 1867
 M.S.

W. Morrison
 Supy Engineer 22nd

Civil Works

2211

Public Works Department.

66

NO 2211

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 23rd July 1867

From The Super Engineer
2nd Div.

(Here enter No. 51 dated 11th July 1867)

Work

The Government
sanction the Estimate
of Rs. 2820 for the
construction of a bridge
of 3 arches of 20 feet
span over the Pollainoo
at Pudukottai in
the Pudukottai District,
and grant authority
for the amount being

Enlarging, Extending, and
improving Channels in the
Kandamallam Section of the
Pudukottai District. Rs. 172,830 - entered as Item 134 of the
Current year's Budget.

To The S. Engr. 2nd Div. with detailed estimate & plan

1/2/1868 H. S.

550-537

P. W. 1867. Department.
Pro: of Govt for July
No. 2211

PROCEEDINGS OF GOVERNMENT. *Madras*

Dated *23rd July 1867*

*Sanctioning the estimate
of Rs 2820 for the construction
of a Bridge over the Pollavoor
at Kumhar and in the Poonja
District.*

550-537