M.R.O. 1—88 5000—27-11-50

MADRAS RECORD OFFICE.

Government of Madras.

Political Affairs DEPARTMENT.

G.O. No. 2961 Press Mis.

Dated 7/12/ 18 5 .

Not to be folded or roughly handled

Fort Saint George, Public Works Consultation of 17th November 1857.

No. 21. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 29th October 1857, No. 4812.

SIR,

1. In continuation of my letter No. 11786, dated 17th April 1857, and in further reference to para. 4 of Extract Minutes Consultation No. 438, of the 7th March last, I have the honor to submit for entry in the Budget of 1858-59 the following estimates.

2 Letters from the District Engineer Kistnah Division dated 6th August and 29th September 1857, Nos. 65&94

No. 1. Constructing at Kurlipolliem a Platform bridge of 4 Bays each of 13 feet span, across the salt water creek on the road from Masulipatam to Madras between Sundole and Baupetta.

Amount of estimate Rupees (4,500) four thousand and five hundred, comprising the items shewn in the accompanying abstract.

1. The foundations of the bridge are to be of brick in chunam, 6 feet deep, resting on clay with an admixture of sand.

2. The flooring under the arches is to be 2 feet thick, and to be extended to the points of the cutwaters, both in front, and rear of the bridge.

3. In rear of the bridge to prevent scour, is to be a rough stone apron, 12 feet broad, and 1½ feet thick.

4. The piers and abutments are to be raised to an uniform height of 12 feet, allowing a clear height of 3 feet above the highest floods. The cutwaters are to be fixed with stone roughly dressed.

5. The road way over the bridge, as well as the approaches are to be horizontal, the clear width between the parapet rails being 12 feet.

No. 2. For the construction of a Dam across the Vellatoor channel, with a drainage tunnel below, in lien of the bridge destroyed.

Amount of estimate Rupees (500) five hundred, comprising the items shewn in the abstract.

The tunnel is to have one arched vent of 6 feet span, the side walls are to be 2 feet high on foundations 1½ feet deep resting on clay intermixed with sand, the whole work to be built with brick in chunam.

Letter from Captain C. A. ORR, District Engineer, in charge Kistnah Division; to Colonel C. E. FABER, Chief Engineer, dated Bezoarah, 6th August 1857, No. 65.

SIR,

1. With reference to para. 5 of your letter to Government of the 17th April last, No. 11,786, copy of which was communicated for my information, I have the honor to forward a Plan and estimate* for a new bridge over the Salt water creek at Kurlipolliem.

* Rupees 4,500.

2. The former bridge consisted of a single masonry arch, but it is proposed that the new one should be a timber platform supported on masonry piers, as a large water way is required and an arched bridge of adequate size would be extremely costly and difficult to build, owing to the scarcity and high price of materials and labor in that locality.

Letter from Captain C. A. ORR, District Engineer, in charge Kistnah Division; to Colonel C. E. FABER, Chief Engineer, dated 29th September 1857, No. 94.

SIR,

1. Adverting to Extract from your Proceedings of the 26th Ultimo, No. 3176, returning the Plan and estimate for the construction of a Dam across the Vellatoor channel with a drainage

tunnel below, in lieu of the bridge destroyed, and, with reference to my letter No. 209 dated 24th March last, requesting me to make a deduction from the estimate on account of materials available from the old work, I have the honor herewith to submit a revised estimate amounting to Rupees 500, after the necessary deduction has been made.

No. 22. ORDER THEREON, No. 2101; dated 14th November 1857.

The Right Honorable the Governor in Council sanctions for entry in the Budget of 1858-59, the two Estimates submitted by the Chief Engineer, amounting together, as specified below, to Rupees (5,000) five thousand.

No. 1. Rupees 4,500, for constructing a bridge across the Salt water creek at Kurlipolliem, on the road from Masulipatam to Madras.

No. 2. Rupees 500, for the construction of a Dam across the Vellatoor channel with a drainage tunnel below, in lieu of the bridge destroyed; both in the District of Guntoor.

(Signed) H. FORBES,
Acting Secretary to Government.

Kurnta Dr.

Central Office of Rlys.
Fort St George 29 October 1857

No. 4812

From

The Chief Engineer

To

The Secretary to Government

Rly Department

Sir.

Public Bridges

Enclosure 6.
2 Letters from the Dy Engr Kr. Dn dated 6 Augt 8 29th Sept/57 Nos 65, 894
2 Abstract Estr
2 Plans.

1. In continuation of my letter No. 1178 dated 17th April 1857 and in further reference to para 4 of Extract Minutes Consultations No. 1398 of the 7 March last, I have the honor to submit for entry in the Budget of 1858/59 the following Estimates..

No 1.. Constructing at Kurlipolliem a Platform Bridge of 4 Bays each of 13 feet span, across the Salt water creek on the road from Masulipatam to Madras between Sundole and Vaipetlae..

Amount of Estimate Rupees (4,500) Four thousand and five hundred, Comprising the items shewn in the accompanying Abstract..

1.. The foundations of the bridge are to be of brick in Chunam, 6 feet deep, resting on Clay with an admixture of sand

2.. The flooring under the arches is to be 2 feet thick, and to be extended to the points of the cutwaters, both in front and rear of the bridge..

The

3. In rear of the bridge to prevent scour, is to be a rough stone apron 12 feet broad, and 1½ feet thick.

4. The piers and abutments are to be raised to an uniform height of 12 feet, allowing a clear height of 3 feet above the highest floods. The cutwaters are to be faced with stone roughly dressed.

5. The roadway over the bridge, as well as the approaches are to be horizontal, the clear width between the parapet rails being 12 feet.

No 2. For the construction of a Dam across the Vellatoor Channel with a drainage tunnel below, in lieu of the bridge destroyed.

Amount of Estimate Rupees
(500) Five hundred
comprising the items shewn in the Abstract.

The tunnel is to have one arched Vent of 6 feet span, the side walls are to be 2 feet high on foundations 1½ feet deep resting on clay intermixed with sand, the whole work to be built with brick in Chunam.

I have the honor to be
Sir
Your most obed[t] Servant
A Taber Colonel
Chief Engineer

X89

Public [roads] [New Work]

Abstract of Estimate No of 185 .5

Road No

District Guntoor

Work. Constructing a Flat Form Bridge over the Salt Creek near Kurlapollem.

Quantities	Description of Work	Rate			Amount	Amount for each part
C. Yds.		Rs	as	P.	Rupees	Rupees
	Masonry					
12315	Cft. Brick work in chunam 7 Cft.	"	3	6	2694	
16	Cy[ds] Cutstone joints to Cutwaters 7 Cy[ds]	8	"	"	128	
	Wood Work					
215	Cft. Teak wrought and put up 7 Cft.	2	8	"	537	
40	Palmyra Trees for Boarding the road way ——— Each	2	8	"	100	
4470	Sup[s] Ft. Plastering floor Piers Abutments and wing walls 8 Sup[s] Ft.	4	"	"	179	
	Excavating foundation & refilling	"	"	"	30	
310	Cy[ds] Earth work ——— 7 Cy[ds]	"	1	"	19	
50	D[o] Rough stone apron ——— D[o]	4	"	"	200	
	4 Guard stones ——— Each	2	"	"	8	
	Sundries scaffolding &c[a] ———	"	"	"	605	
					Total Company's Rupees	4500

Central Office of P.W.
Fort Saint George.
29 October 1857.

A Taber Colonel
Chief Engineer D.P.W.

Quantities	Description of M	Rate			Amount	Amount for each part
C. Yds.		Rs	As	P	Rupees	Rupees

Enclosure
In a Letter

From
The Chief Engineer
D. P. W.

To
The Secretary to Govt
D. P. W.

No 2679/57

Dated 29th October/57
Received 30 October/57

21902

No 2679/57

Abstract Estimate for Constructing a Flat Terre Bridge over the Salt Creek near Kurtupollam in the District of Guntoor Amounting to Company's Rs 4500

Public [roads] [New Work]

Abstract of Estimate No. of 185 /5

Road No.

District. Guntoor

Work. Constructing a Dam across the Vellatoor Channel with Tunnel below in lieu of Bridge destroyed.

Quantities	Description of Work	Rate			Amount	Amount for each part
C. Yds.		Rs.	As.	P.	Rupees	Rupees
	Bund across the Vellatoor Channel					
2679	Cy^ds of Earth work ——— 7 Cy^ds	-	1	-	167	
	Sluice under — Do.					
Cfts. 2148	Brick in chunam - 2 - 7 Cfts. 2688					
79 1/2	Cubic yards deduct on account of materials of old Bridge at Rupees 17 Cubic yard 79-8	-	-	-	189	
374	Cy^ds of arch work in chunam — 7 Cy^ds	-	3	-	70	
	Plastering					
1385	Sup^ft. Plastering 2 Coats of chunam 7 Sq.	2	-	-	28	
	Timber					
	1 Teak Beam ———	-	1	-	3	
	1 Shutter for sluice ———	-	-	-	8	
	Centering contingencies and sundries at 7.7 Cent ———	-	-	-	35	
					Total Company's Rupees	500

Central Office of P. W.
Fort Saint George.
29th October 1857.

Alex Taylor Colonel
Chief Engineer D. P. W.

Enclosure
In a Letter

From

The Chief Engineer
D. P. W

To

The Secretary to Govt.
D. P. W

P. W. 242/57

Dated 29 Oct 57
Received 3 Nov 57

No. 4812.

Abstract Estimate for. construct-
-ing a Dam across the Vellatoor
Channel with Tunnel below
in lieu of Bridge destroyed
in the Distrut of Guntoor
Amounting to C. Rs. 500-0-0

Rd 1st Nov. 1857. Departl.
Do to Govt 17th Nov.
No 2142

From
The Chief Engineer
To
The Secretary to Government
Fort St. George

Dated 29th October 1857.
Rec'd 31st ditto

No 4812.

6 Encls: Rec'd
Encs:

Forwards 2 Estimates 1 for Constructing a Platforms bridges over the Salt Creek near Kurlipollium Amounting to Rs 4,500. & 1 for constructing a dams across the Vellatoor Channel with Tunnel below in lieu of a bridge destroyed in the Guntoor District Amounting to Rupees 500. for entry in the Budget of 1858/59.—

No 21422.

Written Order
No 2101 — 14th November —

No 2101

The Right Honorable
the Governor in Council sanctions,
for entry in the Budget of 1858/59,
the two Estimates submitted by the
Chief Engineer, amounting together,
as specified below, to Rupees 5,000/
Five Thousand.

No 1 Rs 4,500- for constructing a bridge across the saltwater creek at Kurlipollium on the road from Masulipatam to Madras -

No 2 Rs 500- for the construction of a Dam across the Vellatoor channel with a drainage tunnel below, in lieu of the bridge destroyed, both in the District of Guntoor -

Fort St. George
14th Nov. 1857

To Copies to the Chief Engr. Dist. 16th
Instl. Engrs. Dist. 27th "

C3 Nov. R10