M.E.O. 1—82 400—23-11-30

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Con 1-10-57

G.O. No. 2263 Press Mis.

4-6-69

Dated 28-7- 18 57

Not to be folded or roughly handled

No. 66. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 19th November 1857, No. 5322.

SIR,

1. With reference to the concluding para of Extract Minutes of Consultation under date the 8th May 1857, No. 891, I have the honor to forward for the consideration of Government, and entry in the Budget of 1858-59, the accompanying estimate amounting to Rupees (1,46,000) one lac, and forty-six thousand, for the construction of a road from Masulipatam to Ibrahimpatam, in the Masulipatam District, on the river Dyke above Bezoarah and on one of the embankments of the channel thence to Masulipatam, with the exception of a few miles below Bezoarah, where the old road being easily repaired will be adhered to.

1 Letter from Executive Engineer in charge Kistnah Division No. 112, of 31st October 1857.
1 Estimate.
1 Sketch Map.
1 Plan and section of a Tunnel.

2. This estimate has been carefully prepared, under instructions from the District Engineer, lately in charge of the Kistnah Division, by Lieutenants Beatty and Farewell, and has been submitted by the latter, with a letter No. 112 of the 31st Ultimo, accompanied by a Sketch Map of the proposed new alignment. These are herewith forwarded, and I recommend the estimate for early sanction, as it is calculated on sufficiently moderate data, considering the great distance that metal has to be carried, and as the necessity of the road has been so frequently made apparent, but especially at the present moment, that its early formation seems of the very utmost importance.

	Rs.	A.	P.
Earthwork	44,955	0	4
Gravel	88,996	8	0
Masonry	5,062	7	4
Sundries and contingences	6,986	0	0
	1,46,000	0	0

3. Drainage being already provided for in the estimates for the channel only an additional Tunnel, near Bezoarah, is acquired and the estimate therefore consists principally of Earthwork and gravelling.

Letter from Lieutenant W. FAREWELL, Executive Engineer, in charge Kistnah Division; to Colonel C. E. FABER, Chief Engineer, dated Bezoarah, 31st October 1857, No. 112.

SIR,

1. With reference to your Resolution No. 238, of the 12th May 1857, appended to Extract from the Minutes of Consultation No. 891, of the 8th Idem, directing the preparation and submission of a fresh estimate for the formation of a road from Masulipatam to Ibrahimpatam in lieu of the partial repair of the same on a sanctioned* estimate of Rupees 43,250, I have the honor to submit herewith a fresh estimate for the work amounting to Rupees 1,46,000, and request that it may be entered in the Budget of 1858-59.

* Government of India, 11th July 1856.

2. All the necessary information required to be furnished with the estimate will be found in the accompanying report.

No. 67. ORDER THEREON, No. 2203; dated 28th November 1857.

With this letter, the Chief Engineer forwards an estimate for constructing the road from Masulipatam to Ibrahimpatam in the Masulipatam District, on the River and Channel Dykes. This estimate is to supersede the one for Rupees 43,250 sanctioned by the Government of India on the 11th* July 1856, and has been submitted in pursuance of the orders of the 8th May last No. 891. In granting permission for constructing the above road on the banks of the Masulipatam channel, instead of on the old line, the Government had in view Captain Orr's assurance that the measure

* Extract Minutes Consultation 12th August 1856, No. 1405.

would ensure the road being gravelled at a moderate cost; but they observe that the estimate now submitted contemplates a total expenditure of no less a sum than Rupees 1,16,000 as shewn in the margin,* or Rupees 1,02,750 more than the amount sanctioned by the Government of India; the item of Gravel alone being set down at Rupees 88,997. The Right Honorable the Governor in Council would therefore wish to receive from the Chief Engineer full explanation as to the necessity of so large an outlay, before granting authority for the entry of the project in the Budget of 1858-59. Colonel Faber will also be so good as to explain the entry of Rupees 44,955 for earth work, when it is said to be part of the plan that the road should be made on the channel bank, the raising of which it is presumed is provided for in the estimate for the channel. Colonel Faber will at the same time, be good enough to forward the Report referred to in Lieutenant Farewell's letter, as containing all necessary information on the subject of the present estimate.

	Rs.
* Earthwork	44,955
Gravel	88,997
Masonry	5,062
Sundries, and Contingencies	6,986
Total...	1,46,000

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

No 112.

To

The Chief Engineer
in the P.P. Works

Madras

Sir

1. With reference to your Resolution No 238 of the 12th May 1857 deputed to extract from the Minutes of Consultation No 891 of the 8th idem, directing the preparation and submission of a fresh Estimate for the formation of a Road from Masulipatam to Ootrampatam in lieu of the partial repair of the same

×Govt of India 11th July 1856 on a sanctioned Estimate of Rs. 43,259, I have the honor to submit herewith a fresh Estimate for the work amounting to Rs. 146,000, and request that it may be entered in the Budget of 1858/59.-

2. All the necessary information required to be furnished with the Estimate will be found in the accompanying Report.-

I have the honor to be
Sir
Your most obed.t Servant

Bezwada
31st October 1857

Wm. Chadwick
Executive Engr in charge Krd.a

To Govt 19th March 57 No 5522

Krishna **B.2**

Krishna B-2.

From

The Executive Engineer
in Charge S.D.
D.F.W. Div: 57.
The Chief Engineer
in the D.F.W.

Dated 31st Oct/57
Rec'd. 3rd Nov.

No 5522 dt 6/57.

Forwarding an Entry in
the Budget of 1858/59
an Estimate amounting
to Rs 146,000 for the
formation of the road
from Bezwada to
Condapilly.

Sgd

Diary of Jas.					
Superintending Engineer Cuttack	18 Nov.				28 Nov. 23
Chief Engineer 5372			2	3	
Dist. Engr. Masulipatam	13 Nov.	3	4	5	20 Nov. 6

7/E

Central Office of P.W.
Fort St George 9th November 1837.

No 5322.

From The Chief Engineer

To The Secretary to Government
P.W. Department

Masulipatam District
Public Communication.
Roads.

Sir

Enclosures as per Letter from Asst Engr in Charge No 25 dated 31st October 1837 No 112 and Estimate

1. With reference to the concluding para of Extract Minutes of Consultation under date the 3d May 1837 No 891, I have the honor to forward for the consideration of Government, and entry in the Budget of 1838/39, the accompanying Estimate amounting to Rupees 1,46,000 / One Lac and forty six thousand, for the construction of a road from Masulipatam to Ibrampatam in the Masulipatam District, on the River Dyke above Bezwarah, and on one of the embankments of the Channel thence to Masulipatam, with the exception of a few miles below Bezwarah, where the old road being easily repaired will be adhered to.

2. This Estimate has been carefully prepared, under instructions from the District Engineer, Lately in charge of the Kistnah Division, by Lieutenants Beatty and Farewell, and has been submitted by the latter, with a letter No 112 of the 31st Ultimo, accompanied by a Sketch Map of the proposed new alignment. These are herewith forwarded, and I recommend the Estimate

for

for early Sanction, as it is calculated on a sufficiently moderate standard, considering the great distance that metal has to be carried and as the necessity of the work has been so frequently made apparent, but as, however at the present moment, that is only for mation seems of the very minimal importance

3. Drainage being already provided for in the Estimates for the Channel only an additional tunnel, near Dezzano, is required and the Estimate therefore consists principally of Earthwork and Grouting.-

Earthwork Rs 44955 - - 4
Stone C - - - 8996 - 8 - -
Masonry - 3062 - - 4
Sundries Contingencies 6986 - - -
14600 - -

Chief Engineer's Office
Ind. Dr. Genge
19 November 1837.

Have the honor to be
Sir
Your most Obt. Servt
Colonel
Chief Engineer

W.P.

Public Roads

[New Work]

Abstract of Estimate № of 185 .5

Road №

District Masulipatam

Work Repairing and altering the Road from Ellamanchilli to Masulipatam 59 Miles 7 Furlongs 192 yards Distance

Quantities	Description of Work	Rate			Amount	Amount for each part
C. Yds		Rs	As	P.	Rupees	Rupees
377835	Earthwork ——— @ 6 yd	"	1	"	23615	
151360	Do. ——— @ Do.	"	"	10	7885	
53820	Do. ——— @ Do.	"	4	"	13455	
2640	Gravel ——— @ 6 yd	"	12	"	1980	
5280	Do. ——— @ Do.	"	11	"	3630	
2640	Do. ——— @ Do.	"	10	6	1732	
32340	Do. ——— @ Do.	"	10	"	20213	
26400	Do. ——— @ Do.	"	9	6	15675	
29040	Do. ——— @ Do.	"	9	"	16335	
23760	Do. ——— @ Do.	"	8	6	12623	
33618	Do. ——— @ Do.	"	8	"	16809	133952
	Tunnel					
741 1/8	C. ft. Brick in Chunam @ 1 C. ft.	"	2	1	96-8-6	
24 1/2	C. yd. Excavating & Filling @ 1 C. yd.	"	"	10	1-4-2	
	Total for 1 Tunnel				97-12-8	
	Total for 17 Tunnels					1662
	Revetments & Parapet walls at 34 Miles & Tunnels					3400
	Sundries & Contingencies &c. at 5 P. Cent					6986
	Grand Total Company's Rupees					146000

Central Office of P.W.
Fort Saint George
19 November 1857

H. Vibart Colonel
Chief Engineer D.P.W.

Public Roads
Abstract of Estimate
Road
Rupees 146000

Cond: 12 Shuy 57. 4341 M2
- 4 Tunnels 95 & 96

Public Roads
Abstract of Estimate
Road
Rupees 2298

Chief Engineer
Fort Saint George
Secretary & Examiner
Public Department

Read this day
Bengal Dispatch dated 28th January 1857

Cond: 15 Shuy 57. 4722

Board's Proceedings dated 28th November 1857

Sanctioning the Abstract of Estimate for repairing and altering the Road from Ellamanchilli to Masulipatam 59 Miles 7 Furlongs 192 yards Distance amounting to Company's Rupees 146000 and directing that the Chief Engineer be authorized to expend the Rupees 2298 for the Construction of 4 Tunnels on the Road from Ellamanchilli to Chinnaganjam and 4 Bridges on the Road from Chinnaganjam to Masulipatam

Enclosure
In a Letter

From
The Chief Engineer
D. P. W.

To
The Secretary to Govt
D. P. W.

Dated 19 Dec 57
Received 31 Dec 57

No 5322

1 Dec 57

26

Abstract Estimate for
Repairing and altering the
Road from Ebrampatam
to Masulipatam in the
District of Masulipatam

Amounting to C. Rs 146000 - - -

Public Works Depart
15

No 2203

Extract from the Minutes of Consultation

Under date the 28th November 1857

Read the following

letter from the Chief Engineer

Here under 19th November 57 No 5322

With this letter,

the Chief Engineer forwards an
Estimate for constructing the
road from Masulipatam to
Ibrahimpatam in the Masu-
lipatam District, on the river
and Channel Dykes. This Esti-
mate is to supersede the one for
Rs 4,32,250 sanctioned by the
Government of India on the
11th July 1856, and has been submit-
ted in pursuance of the orders of the
8th May last No 891. In granting
permission

4
Dy
Secy

W M

* Ellt C. 12 Augt 1856 No 1455

permission for constructing the above road on the banks of the Masulipatam Channel, instead of on the old line, the Government had in view Captain Orr's assurance that the measure would ensure the road being gravelled at a moderate cost; but they observe that the Estimate now submitted contemplates a total expenditure of no less a sum than Rs 146,000 as shewn in the margin, or Rs 109,730 more than the amount sanctioned by the Government of India; the item of Gravel alone being set down at Rs 88,997. The Right Honorable the Governor in Council would therefore wish to receive from the Chief Engineer full explanation as to the necessity of so large an outlay

	Rs
Earthwork	14955
Gravel	88997
Masonry	5962
Sundries & Contingencies	6986
Total Rs	146,000

outlay, before granting authority for the entry of the Project in the Budget of 1858/59. Colonel Fraser will also be so good as to explain the entry of Rs. 44,955 for earthwork, when it is said to be part of the plan that the road should be made on the Channel bank, the raising of which it is presumed is provided for in the Estimate for the Channel. Colonel Fraser will, at the same time, be good enough to forward the Report referred to in Lieutenant Foxwell's letter, as containing all necessary information on the subject of the present Estimate.

J R

2nd Copy to the Chief Engr Disps &
Ordered do ——"—— Disps &c

Cons 12th May 57 R-4858
4th Augt 9649

Public Works 1857 Dept.
Do to Cons 1st Dec.

No 2203.

Extract Mins of Cons:

Dy 28th Nov. 57.

From Chf Engr 10th Dec 57
6 R 2445 to 626 Jany 58

Requesting the Chief Engineer to submit full explanation as to the necessity of so large an outlay of Rs 146000 for constructing the road from Mr. Subhedars to Shrampatum on the River and Channel Dykes before granting authority for its entry in the Budget of 1858-59

No 6647.