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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.G.O. No. 3590Press
Mrs.316-317Dated 15-12-1864Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
15th December 1864.*

No. 316. Read the following letter from Lieutenant-Colonel J. C. ANDERSON, R. E.,
Superintending Engineer, 2nd Division, to Colonel C. A. ORR, R. E., Secretary to
Government, Department Public Works, dated Masulipatam, 24th November 1864,
No. 105:—

SIR,

6 Abstract estimates
2 Specification reports.
1 Plan of bridge.
2 Survey plans.

1. Referring to paragraphs 7, 8, and 10 of
G. O. No. 1,827, dated 23rd June 1864, I have
the honor to submit for sanction the estimates
for the following works together with the
documents as per margin.

2. The sums entered opposite each of those works have been provided for in the Income
Tax Funds Budget of the current year.

WORKS.	Estimate amount.	Budget allot- ment.	
		No.	Amount.
	RS.		RS.
Constructing a road from Jeggiabpett to join the Hyderabad road.	3,540	6	1,000
Improving the approaches from the sea to the Masulipatam Fort	1,242	7	1,242
Constructing two bridges across the side channels of the Nizam- patam, on the road from Jagerlawoody to Tenaly—			
Eastern side channel bridge, estimate Rupees ...	800		
Western side channel do. do. do. ...	730		
	1,530	9	-
Constructing two bridges across side-channels of Nizampatam Canal, on the road from Oonnoor to Intoor—			
Eastern side channel bridge, estimate Rupees ...	930		
Western side channel	790		
	1,720	10	2,995

3. Of the computed expenditure, Rupees 25,048, up to 30th April 1864 for "improving
the eastern embankment of the Kistna from Yanamalacoodooroo to Mopedavy," referred to in
paragraph 5 of the above Order, Rupees 5,000 only have been allotted and expended from
the Income Tax grant sanctioned in G. O. No. 1,376, dated 17th June 1862, and the rest
Rupees 20,048, from Imperial Funds.

4. With reference to paragraph 6, I have the honor to state that an application for
2,000 Rupees for the drainage channel between the town and station of Masulipatam and the
sea was made in the tabular statement submitted with my letter No. 87, dated 23rd September
1863, *vide* G. O. No. 2,984, dated 14th October 1863, but funds were not allotted for it, nor was
any expenditure incurred upon it in last year.

5. With reference to paragraphs 11 and 12, "repairing damages on Trunk Road No. 6."
The full amount of estimate, viz., Rupees 9,890, allotted in 1862-63 was not expended during
that year. The balance of Rupees 2,824 was available during 1863-64, but owing to the excess
of funds allotted for the year, the unexpended balance in question was transferred to 7th Division,
vide paragraph 2 of G. O. No. 3,514, dated
30th November 1863.

See also G. O. No. 3,741, dated 17th December 1863.

No. 317. ORDER THEREON, 15th December 1864, No. 3,590.

1. The Governor in Council sanctions the estimates submitted with this letter, amounting in
the aggregate to Rupees 8,032.

*Proceedings of the Madras Government, Public Works Department,
15th December 1864.*

2. The expenditure that may be incurred during the current year will be met from the funds provided for the works in the Income Tax Budget.

(True Extract.)

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

To the Superintendent Engineer, 2nd Division, with four enclosures.
 " Accountant General.
 " Controller of Public Works Accounts.

Exd. S. T. Augustin.

~~Abstract Exhibit No. 13~~ of 1863-64.
~~Dearest Richard~~

Work B. Constructing a District Road from Chillaucullon
to Iuzigalpeto

Quantity	Description of Work	Rate	Amount	Amount of each item
8683 $\frac{11}{2}$	Earth Work.			
	Exc. at -----	" 1 "	542	11 "
	Graveling -----			
4448 $\frac{3}{4}$	do at -----	" 6 "	1668	4 6
	Clearing Jungle -----			
10266 $\frac{6}{3}$	Graveling at ----- 100 Lg. 3/4	" 2 "	128	5 "
	Removing Rocks -----			
2430	do at -----	" 2 "	303	1/2 "
	Rough stone -----			
1323	Exc. at -----	" 6 "	496	2 "
	Graveling -----			
3	at -----	2 "	6	" "
	Road Grade stone in Channel -----			
22 $\frac{15}{27}$	Exc. at -----	3 8 "	78	15 "
	Graveling 9" in do -----			
35 $\frac{19}{27}$	do at -----	3 8 "	124	14 "
50	Covering stones -----	" 8 "	25	" "
			333	15 "
			166	3 "
	Sum of -----			
	Total Repairs -----			3540

Baywauke
 29 July 1863
 J. H. Patton, Lieut Colonel
 Engineer & Recruit
 R. H. Patton
 J. H. Patton
 J. H. Patton
 Acting Collector -

10th Nov 1864
 Abstract Estimate
 No. of 1864
 Constructing a Bridge
 Road from Chittaur
 to Dargahpur
 Estimate No. 3570

Huzar District
 Abstract Estimate No. of 1864-65
 Constructing a Bridge of 18 feet span across the East side
 Channel of Nagpataun Canal on the Road from Poonoor to Lutoor.

Quantity	Description of Charges	Rate	Amount	Total
128 1/2	Cubic yards of Masonry work	5 "	642 8 "	
462	Cubic feet of arch work	" 4 "	115 8 "	
1274	Square feet of Plastering in Chunam per 100 Sqre feet	3 "	38 36 "	
	Metalling	" "	15 "	
	Excavating foundation and			
	Baling		55 "	
4	Guard Stones	4 "	16 "	
	sundries & Contingencies	- -	47 126 "	
				930 "
Total Estimate Refuse				930 "

Superintending Engineer
 Office 2^d Division
 Manipal Tam
 22nd November 1864
 {
 S. K. S. or
 S. K. S.
 Superintending Engineer 2^d Div.
 Signed / G. Shankill
 Collector

Abstract Estimate No. of 1864/65
Pinak District.

Constructing a Bridge of 18 ft span across the Eastern side
 Channel of Nizampetam Canal for the Road from Jagarlamudi to Enay.

Quantity	Description of Charges	Rate	Amount	Rs. Ab.
128 1/2	Cubic yards of Masonry work	4 4 "	546 2 "	
462	Cubic feet of Arch work	" 36	101 1 "	
127 1/2	Square feet of Plastering in Chuanam per 100 sq ft	2 12 "	35 7 "	
	Metalling	" " "	10 " "	
4	Guard Stones	2 " "	8 " "	
	Excavating foundations and Raising on		55 " "	
	Superior Mortar courses		44 12 5 "	
			800 " "	

Total Estimate Rupees 800 " "

Supy Engineers Office
 20 Division Manipal
 22 November 1864 -

G. S. W.
 R.

Supy Engineer 2^d Division
 / Signed / G. Thornhill
 Collector

Ch. N. S. 1924/64

Michael Edmunds
 Esq. of 15th Nov. 1864
 Michael Edmunds Esq.
 Constructing a Bridge
 of 18 feet span across
 the Eastern side of
 the Nizampetam Canal
 on the Eastern side
 of the Nizampetam
 Canal to Jagarlamudi
 Estimated Rs. 930

Abstract Estimate
Risraah District

Work. Constructing a Rain Road from
the Tidal Caligalah to the Eastern Dyke and
Excavating a Channel from Caligalah to Swamps.

Quantity	Particulars	Rate	Amount	Total
13792 1/2	Cubic yards of Earthwork—	1 -	862 - 6	
426 2/3	Do. of Gravel—	12 -	320 - -	
	Sundries and Contingencies	5 -	59 15 0	
				1242 - -
	Total Estimate			1242 - -

Signed J. P. Wasted Capt. R.E.
acting Executive Eng. 3rd Cl.

Superintendent
Office 2nd Div.
Masulipatam
21st November 1864

Signed J. Thornhill
Collector.

Anderson Lieut Col R.E.
Superintending Engineer 2nd Div.

10th Nov 1864

Richard Richards
Abstract Estimate
for 1864-65
Constructing a Rain
Road from the Tidal
Caligalah to the Eastern
Dyke and Excavating a
Channel from Caligalah to
Swamps.

Estimate Rs. 800

Constructing a Raised
Road from the Tidal
Canal along to the Eastern
Dyke and Excavating a
Channel from Canal along
to Sea emb.
Estimated Price 1242

Signed by Thornhill
Batterton

Method Estimate
 of 1864-65
 of Road Bridge
 Constructing a
 Bridge of 15 feet
 across over the
 water in the
 canal on the Road
 from Lagunamun
 to the
 Estimate Rs. 730-

10th Nov 1864/65

Abstract Estimate No 9 of 1864-65
 Litchah District

Constructing a Bridge of 1 Arch of 12 ft span across western side Canal
 of Nizampatan Canal on the Road from Ponnioor to Putoor.

Quantity	Description of Charges	Rate	Amount	Total
111.57	Cub yards of Masonry	5 "	557 13 7	
355.25	Cub ft of Arch work	" 4 "	88 13 "	
1088	Square ft of Plastering with Chunam per 100 Sq ft	3 "	32 10 3	
	Metalling		15 "	
	Excavation for foundations		35 "	
4	Guard Stones	4 "	16 "	
	Landies & Carting		44 11 2	
			790 "	
	Total Estimate Rupees		790 "	

Superintending Engineer Office
 2nd Division Manipalatom
 22. November 1864
 Sd/-
 J. Hudson on P. 22. 1864
 Supg Engineer 2d Div
 Signed by Thornhill
 Collector

No 105

Superintending Engineer Office
2nd Division, Madras
25th November 1864

From Lieut Colonel J. Leander Low R.E.
Superintending Engineer 2nd Div.

To Colonel L. A. Carr R.E.
Secretary to Government
S. P. Works
Madras.

Sir
Referring to Paras 7, 8, and 10 of
G.O. No 1827 dated 23rd June 1864, I
have the honor to submit for
sanction the Estimates for the following
works together with the documents as
per Margins -
2 - The sums entered opposite each
of those works have been provided
for in the Income Tax Funds Budget
of the current year

Constructing a Road from Jaggiah
pett to join the Hyderabad Road
Improving the Approaches
from the sea to the Masulipatam
Tow Yard

Constructing two Bridges
across the side Channels

Estimate Amount	Budget allotment	
	No	Amount
3520	6	1000
1242	7	1242

Abstract Estimate
Rs 471874.65
Constructing a bridge
of 12 arches of 12 feet span
across the side
Channel of the
Tow Canal in the
Tow Yard
Estimated at Rs 1990

1864/5

of the Nizampetam; on the Road from Jagarlamoodu to Enay.			
Eastern side Channel Bridge			
Estimate Rupees — 800.			
Western side Channel Bridge			
Estimate Rupees — 730	1530	9	
Constructing 2 Bridges across side Channels of Nizampetam Canal on the Road from Ponnoot to Intoor			2995
Eastern side Channel Bridge			
Estimate Rupees — 930			
Western side Channel Bridge			
Estimate Rupees — 790	1720	10	

3- . Of the Computed Expenditure Rupees 25,048 up to 30 April 1864 for "Improving the Eastern Embankment of the Nistua from Jagarlamoodu to Mopessary" referred to in Para 5 of the above orders, Rupees 5000 only have been allotted and expended from the Income Tax grant sanctioned in G.O. No 1376 dated 17th June 1862 and the rest Rupees 20,048, from Imperial funds -

Para 4.

4- . With reference to Para 6 I have the honor to state that an Application for 2000 Rupees for the Drainage Channel between the Town and station of Marripetam, and the year was made in the Sacular statement submitted with my letters No 87 dated 23rd September 1863 vide G.O. No 2904 dated 14th October 1863. Such funds were not allotted for it, nor was any expenditure incurred upon it in last year.

5- . With reference to Paras 11 and 12, "Repairing damages on Enay Road No 5". The full amount of Estimates viz Rs 9,820 allotted in 1862-63 was not expended during that year. The balance of Rupees 2,824 was available during 1863-64, but owing to the excess of funds allotted for the year, the unexpended balance in question was transferred to 7th Division vide

see also G.O. No. 3741 Para 2 of G.O. No 3514 dated 30th of 17th Dec 63. November 1863.

I have

I have the honor to be,
 Sir,
 your most obedient servant,
 Monsieur Lieut Colonel
Superintending Engineer
2^d Division

Submitting herewith
 Estimate called for
 in G. O. No 1827 of 1864
 included in the
 Budget of 1864/65
 and furnishing
 certain information
 called for in the
 above order.

Pub. Works Dept.
 Madras Government
 Under date the 15th Dec/64
 Read the following letter:

From the Super. 2nd Div.
 Submitting several Estimates
 called for in G. O. No 1827
 dated 23rd June 1864 included
 in the Income Tax funds
 Budget of 1864/65 and
 furnishing certain infor-
 mation called for in the
 above order.

748. 24th Nov/64
 No 105.

The Governor in
 Council sanctions the
 Estimates submitted with
 this letter amounting in
 the aggregate to Rs. 8032.
 2 The expenditures
 that may be incurred
 during the current year

1864. Dec. 17

1864. Dec. 17

1864. Dec. 17

all the rest from the
fund provided for the
work in the Income
Tax Budget.

W.B.

Supplied 2" to with from enclosed

" Receipt ✓

" Control ✓

Dec 16th December

4th 1864 Dept
Proc of Govt for Dec

N^o 3590

Proc of the Wilson
of 15 Dec/64

The estimates
amounting to Rs.
8032 for certain
works in the
Kistnah District
provided for in the
Income Tax Budget
for the current
year sanctioned.

N^o 316. 317