

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1542	Press
		Mis.
309-330.		
Dated	15-6-	1868.

Not to be folded or roughly handled

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Proceedings of the Madras Government, Public Works Department,
15th June 1863.

No. 329. Read the following letter from Major J. C. ANDERSON, R. E., Superintending Engineer 2nd Division, to Colonel W. I. BIRDWOOD, R. E., Secretary to Government, Department Public Works, dated Tungútúr, Nellore, 25th May 1863, No. 15A:—

SIR,

1. I have the honor to submit for sanction an Estimate amounting to Rupees 1,267 for the excavation of an Irrigation Channel from the main branch of Ryves' Channel (Kistna). It is designed to irrigate 900 Acres of land now cultivated with dry crops, and at the usual water rate of 3 Rupees per Acre, will yield an additional revenue of 2,700 Rupees per annum. You will observe from the accompanying Memorandum of the Acting Collector that he is in favour of the work, and that he has obtained an agreement from the Ryots to extend their wet cultivation as above mentioned.
- 2 Estimates.
1 Plan of head Sluice.
1 Specification.
1 Sketch.
1 Memorandum of the Acting Collector Kistna, dated 28th April 1863.

2. The Estimate has been examined and the rates are those current in the locality.

3. I would recommend that the cost of the work be defrayed from the amount allotted for "Repairs Agricultural" for the current year.

No. 330. ORDER THEREON, 15th June 1863, No. 1,542.

The Estimate of Rupees 1,267 submitted with this letter is sanctioned. The cost of the work will be met from the Reserve Fund.

(Signed) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

1st Circle Ketchikan
Estimate of the probable expense of constructing a Head Dam
at the Head of the Cedar Supplying Channel in the G. & N. Railway

Particulars	Number	Measurement				Total
		Length	Breadth	Depth or Height	Cubic Contents	
Foundation to abutments		18, "	2.4 1/2	2.9	117.53	
D. to wing walls		14, "	2.4 1/2	2.9	91.44	
D. to retaining wall		20, 0.1	"	2.9	58. "	
Abutments above		18, "	2. "	2.6	90. "	
Wing walls do		14, "	2. "	7. "	196. 3	
Parapet walls		14, "	1. "	2. "	28. "	
Flooring }		9, "	3. "	1	27. "	
		4, "	7. "	1	28. "	
Backwing to arch		9, "	3. "	3. "	81. "	
Cubic feet of Brick in Churn and Arch work		9, "	6.6	1.6	87.72	
Shutters }		5, 6	3.6	"	23.2	
		3, "	"	3	"	2
Gross beam		5, "	"	8	81	25
gross stones						
Plastering						
Excavating & m. shelling						
Contingencies						

1077 1540/100
See above in relation
to the right of page 15
and as of the Secretary
of the G. & N. Railway
on page 25
May 1883.

1st Class Estimate

Abstract Estimate of the probable expense of Constructing
a Head Sluice at the Head of the Cocon Supplying Channel in
the Guadalupe Valley.

Quantity	Description of Work	Rate	Amount			Total
714	Cheapest of Brick in Chumam	" 26	111	9	"	
07.7	Cost of Arch work	" 3	16	7	"	
	Grange stones		7	13	"	
	Shutters		2	0	"	
	Crass beam		5	"	"	
	Plastering		3	9	"	
	Excavation & masonry					152 14 "
	Contingencies 28%					7 2 "
						Total \$159 16 "

Guadalupe
2 March 1863

J. H. Butler Subcom.
In charge of Creek

J. C. Anderson
District Engineer
26/3/63
Acting Collector

Enclosure in a letter
from the Surveyor
of the Secretary
of the Treasury
25 March 1863.

Thank a. b. Dutcher

Estimate for constructing
a "widetree" at the
head of the Co. 2000
Supplying Channel
in the Greenwood
Valley.

W. W. 1840/60

W. W. 1863 Dept
of Agriculture
Along the Mississippi
The Secretary of the
Dept. of the Interior
Dated 25th May 1863
Recd 1st June
No 15. A. b. b. b. b. b.

Submitting for sanction
an Estimate amounting
to \$1267 for the
excavation of an Irriga-
tion Channel from
the main branch of
Raccoon Channel
to the Texas District.

N. 329. 328.

8. 15. 2-15 June.

William C. b. b. b.

1542.

The Estimate of
Rupees 1267 Submitted
with this letter is sanc-
tioned. The cost of the
work will be met from
the reserve funds.

J. C. Anderson Major R.E.
Superintending Engineer and J. G. J. J.

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Chepauk
15th June/63

To
The Superintending Eng^r 2nd Divⁿ With 3 Encl^s.
" Controller & Aud^r of W^o Accounts
" Accountant General. S
Recd 15th June

x^o. 87.