

(1) Number of pages 24
(2) Date of repair 1. 11. 38
(3) Initials of the Referencer 14/1

MADRAS RECORD OFFICE.

Government of Madras.

Palestine DEPARTMENT.
con 101160

G.O. No.	<u>48</u>	Press
		Mis.
<u>97.98</u>		
Dated	<u>6-1-</u>	<u>1862</u>

Not to be folded or roughly handled

(1)

*Proceedings of the Madras Government, Public Works Department,
for the month of January 1860.*

No. 97. Read the following letter from Lieutenant-Colonel J. H. BELL, Chief Engineer;
to J. D. BOURDILLON, Esq., Secretary to Government, dated 7th December 1859,
No. 8091.

With reference to the orders of Government, dated the 28th ultimo, No. 2772, and to my
letter dated the 29th idem, No. 7759, I have the honor to again
bring to notice, the urgent need of the Vizagapatam district
for an additional grant for expenditure in the current year, to be apportioned to the following
works, which specially require to be provided for, as explained more fully in the accompanying
original letter from the District Engineer, dated the 9th ultimo, No. 702.

2. The erection of temporary accommodation for a party of Europeans to be located at
Galiparratum (Harris Valley) it is desirable should be proceed-
ed with at once, as the party of Sappers authorized to be em-
ployed on this work has been already detached to this duty.
The District Engineer proposes to spend Rupees 1,000 in the current year out of Rupees 4,000
the estimate amount for this work.

3. The re-construction of the Dudggidda anicut referred to in the proceedings of Govern-
ment of the 28th ultimo, has been rendered necessary on account of its having been breached in
the manner described in the accompanying letter of the District Engineer, dated the 5th Septem-
ber last, No. 411. He has already submitted an estimate for this work amounting to Rupees
1,940, which is now under examination in the Central office, and proposes to spend on it in the
current year Rupees 900 from the sum allowed for his district, which outlay will be only for
the closing of the breaches to the anicut but requires an additional 1,000 Rupees to complete
the work the urgency of which will be admitted by a consideration of the fact that on it depends
an annual revenue of upwards of Rupees 10,000.

4. Besides the above, a sum of Rupees 2,500 is asked for repairs to Salt pans, the average
expenditure during the past 3 years on this class of works
having amounted to Rupees 2,600, which if the District En-
gineer is required to meet from the reduced sum allotted to his
district, will necessitate a retrenchment from other works which
demand equal attention, and I beg under the circumstances so
fully detailed by Captain Blagrove, to request the sanction of
Government for the grant of Rupees 4,500 from the funds realized by the sale of the timber
bridge at Bezwadah.

5. The sum which will remain undisposed, after deducting the above grant of Rupees
4,500 from the balance of Rupees 26,870 referred to in pro-
ceedings of Government of the 23rd ultimo, No. 2736, and minus
Rupees 10,000 applied for in the abovementioned letter, dated
29th ultimo for the Army school room at Saint Thomas' Mount
should I consider be kept in reserve to meet emergent demands
which may be hereafter made from any other district, or to
provide additional funds which seem likely to be required for the Bezwadah and Ellore canal.

No. 98. ORDER THEREON, 6th January 1860, No. 48.

Under the circumstances stated in this letter, the Government sanction the appropri-
ation of the sum of Rupees 4,500 from the
funds realized by the sale of the timber bridge
at Bezwadah to the three works at Vizagapa-
tam noted in the margin.

(Signed) T. PYCROFT,
Chief Secretary.

From

Capt. E. Blagame
District Engineer
Vijayapatnam

To

The Deputy Chief Engineer
Rathum Circle

Fort St. George

Sir,

With reference to your letter No. 6522 of the 25: ultimo, I have the honor to inform you that the expenditure up to the end of the past month amounts to Rs 25,116:1:7 which leaves me but Rs 10,168:14:5 to meet all demands between this and 30 April next: and the accompanying statement will show the works I propose to strike out, those to be prosecuted or completed, leaving no margin for any emergency that may arise: from this statement you will observe that do what I can, it is utterly impossible for me to meet the entire cost of the following

we do not. Dikens, viz Emergent repair to the
Doogunda arienv, on which lands
yielding a Revenue of upwards
of 10,000 Rs besides a large amount
of proprietary & Enam lands are
dependent. Rs 2000. The grant lately
made to the Municipal Association
Rs 1000.. For the improvement of the

* Vide G.O. 2
order No 1230
of 13 Sept 1859

road to the Galiparamba Rs 3000.
I have allotted Rs 1000 for the
construction of the Barracks from
the funds now at my disposal
and the Rajah of Vizianagaram,
who is so much interested in the
success of the experiment & who
also with benefit directly by
any improvement made in the
proposed road, promises me
Rs. 1000 to begin with, for this pur-
pose. If Government on their part
sanction the expenditure proposed
you will therefore see I must either
have a further grant of Rs 5,000.
or these 3 items must be cancelled
& struck out, in one instance with-
out the direct loss of a revenue of
upwards of Rs 10,000, as the present
temporary rough stone dam
I do not think likely, long to
withstand any severe freshet.
I might it is true at the present
time, merely repair the breach,
& fill in holes in the face of
the masonry in front & rear,
thus which considerable leakage
there is no small

danger as to the stability of
the entire structure, leaving the
new cut stone facing, a long time
to more favorable times, this might
suffice to secure the work from
further immediate danger,
but the entire facing requires
to be renewed to effect a thorough
complete repair. The cost of these
works, in part repair would amount
to Rs 930.

2. I must here mention & explain
an apparent misconception on
your part in the concluding para-
graph of your letter under reply viz. that
I had exceeded the sanction
for repairs to irrigation works by
Rs 2938 in September. The facts
of the case are this viz. that Rs 12,594
were sanctioned by the local au-
thorities prior to my joining the
District, shortly after which, and
on receipt of your letter No 4470
of 1st Sept 59, I at once ordered
all works not absolutely urgent
then incomplete & not commenced
either, to have the least possible
further

Further expenditure made on
the other part of the site to altogether
bring out of the site by this
means on the 1st of January 1890
the amount of my letter of 5th of 11 inst.
I was able to secure Rs 1000 making
the amount up to Rs 2000. In September
owing to the recurrence of sickness
in the village the necessity for
the 1st of the month was specified
in my statement C for that month
amounting to Rs 200. I secured
therefore the total of Rs 2200.
On 1st of 1890, as I have said: had
I failed in taking this response
with my shoulders of view
owing to further expenditure
of Rs 200 to have a Reserve of
more than Rs 2000, as the aggregate
of a large amount of private
land in the village, I should not
have been able to secure it, whereas
I will show that if I did
my duty, I had no other course
left me under the then existing
conditions to undertake

to save existing revenues, than
the one I adopted. ...
3 From the enclosed statement
you will observe the distribution
I make of the funds available
for expenditure. Rs 10,168, including
bonds in hand. Rs 5471. 13. 7, vide
accompanying statement; 2nd
petty bills sanctioned as emergencies
Rs 236; 3rd. For repairs &c to Salt
Jams Rs 2500 (average cost for the
past 5 years is Rs 2600) a call that
cannot, under any circumstances,
be ignored. Rs 1000 to complete
military buildings &c in Harris
Valley: Rs 900 to close breach in
bagga & a small & stop leak &c
in existing portion: thus leaving
myself nothing to meet further
emergent demands, you will
therefore see that I cannot appropriate
any funds either for the improve-
ment of the present track to
Harris Valley, a work I took upon
as all but absolutely necessary
to the success of the experiment,
or to the municipal association

of this town. you will also observe
that I have cut down road
repairs & all other works in Land
as much as it is possible to do.
When these, from these circumstances,
are clearly laid before Government
I can lead to hope that some
small addition at all events
may be made to the present
grant: which I have taken at
Rs 35,285 B. as stated in the Account
of the General's Circular No 1213
dated 29 October, received yester-
day in place of Rs 34,717 as given
in your circulars Nos XCIV & XCV of
10 and 19 September/59 respectively.

I have the honor to be

Sir.

Dist: Engineer
Off: Vengapattam

Walter Your obedient Servt

9 November/59

B. Moynan Capt.

Dist: Engineer

Vengapattam

Th. Maswamy
District

George Washington

1797

1797

2 Oct 1809/1
Nov 7/59.

From

Capt E. B. Lagrange
Asst Engineer
Washington

To

The Deputy Chief of
Indian Affairs

Fort George

Debt 500 pounds
received by
Nov 20/59

Forwarded a statement
showing the present
state of books in the
office with reference
to the various statements
of funds for the year
ending at the current
year.

Temple to C

Brought Over	2071133	5123	154	8861	105	
Expenses to the Civil						
Reimburse at Wagon	80	100	00	"	"	
Reimburse Staff Sergeant's						
quarters at D ²	320	377	20	"	"	
D ² Staff Sergeant's House						
at Horsefalcon	100	43	102	116	510	
D ² Powder Magazine at D ²	8	7	24	"	"	
D ² Fortified Salt pans	17	46	139	"	"	
D ² Paymaster's House at						
Carrh	19	17	09	"	"	
D ² Schumley Barnack at						
Smithland with	11	6	"	500	"	
D ² Hackitt						
at Huxtable	7	6	09	"	"	
D ² Ferry boat at Wagon	880	880	"	"	"	
D ² a sewer attached to the						
camp. W.B. at Wagon	410	410	"	"	"	
D ² Hackitt at D ² 10 at						
Wagon	110	106	38	"	"	
D ² Shed for Schumley's						
House at D ²	40	36	"	"	"	
D ² Smith's Engine Office at						
at Huxtable	46	75	35	70	"	
3 Huxtable Shed at Wagon						
bury the Chapman and	114	36	"	80	"	
Huxtable's Huxtable						
Reimburse Barnack's						
by 38 West at Wagon	28	27	45	"	"	
D ² Recond Room attached						
to the Collectors' Cadebury	110	54	133	55	29	
at D ²						
Reimburse Reimburse's						
attache to the Huxtable	8	7	12	"	"	
D ² 10 at Wagon						
D ² Schumley Barnack	7	6	8	"	"	
at Huxtable						
Works on Sanleburne	"	108	78	"	"	
Shipping Charge to the						
store Room at D ²	"	2	62	"	"	

Brought Over

2297310 11 5380 7 11 8861 105

Bought from
 Barnes & Co on San Antonio
 machine
 Bought of H. Davis & Co of San Antonio
 1859

279600	10000
1000	"
900	"
469600	10000

Only to construct them as to
 but two for the State
 simply to place the
 machines

By paid there up to the end of
 October 1859
 Required to complete
 or leave the commission in
 safety

For emergent works
 4696. 0. 0
 35,283. 15. 2

San Antonio
 35,283. 0. 0

The agent and
 West Engineer's Office
 Camp at Waller
 9th November 1859

J. A. Ransom
 San Antonio

B. H. Young
 District Engineer
 Waller

For the de

_____ D^o _____
 _____ D^o _____

The walls of the present old
 building are falling and
 the continued use of the
 same would be dangerous
 to the inmates.

229731011 5386 711 8861105

Bought Over					
Repairing Barns at the	"	15	"	"	"
Out of pocket Menagottams					
D ^o at Paulacunda	20	5	10	11	58
D ^o at Paulacunda		31	8	"	"
D ^o Paulacunda at D ^o	"	1	4	0	"
Repairing the bar of the back	"				
water of Salt House at Pottol					
Repairing a shed for lamp room					
of Police Catehury at	114	37	77	"	"
Paulacunda					
Repairing the rear and Reserve					
with D ^o of the Vantens at	116	17	59	"	"
Paulacunda at Night House					
Repairing & repairing Conduits					
for Sunday Barns at D ^o	"	258	158	"	"
at Paulacunda					
Repairing the house to Janitha					
and Chandel in Paulacunda	"	141	40	"	"
at Paulacunda					
Total					23481108

Bills and in the present year 1634611
 Total in the present year 2511617547137 8861105
 and of October 1859

For the domestic for					
min. deite in Paulacunda					
Repairing with the on with					
Conf. up Section. a year	"	50	"	"	"
Waiting Paulacunda and					
Paulacunda at		52	"	"	"
Paulacunda					
Repairing Police Catehury					
at Paulacunda		46	"	"	"
D ^o at Paulacunda		35	"	"	"
D ^o the house in and					
in the jail at Pottol		110	"	100	"
Repairing the Salt House					
in the Jail at		2500	"	"	"

Bought Over 279600 10000

3 years average 122000

Comble to C

20711 3.3 512.3 154.8861 10.5

Brought Over
 Confirmed with to the first
 Reaming at Wagon
 Reaming Staff Sergeant's
 Quarters at D²

80 100 0 0
 320 377 20

D²

D² Staff Sergeant's Quarters
 at the new camp
 D² Powder Magazine at D²
 D² Fortified Salt Pans
 D² Haystacks Round off
 Camp

160 43 102 116 510
 8 7 24
 117 46 139
 19 17 09

D²
 D²
 D²

D² Schandy Hamacho at
 Fort Launick

11 6 5 00

D²

D² Mackinac
 at Mackinac

7 6 09

D²

D² Very hot at Wagon
 D² a sewer attached to the
 Camp W.B. at Wagon

880 880
 110 110 110
 110 106 38

D²

D² Mackinac at 10 at
 Wagon

110 106 38

D²

D² for Schandy Camp
 at Schandy

110 106 38

D²

D² Scott's Office at
 at Walland
 3 Japhal Shes at Wagon
 Sunday the Washburn and
 Hamachyke at Wagon

114 36 80

D²

Reaming Hamacho Hamacho
 by 35 West at Wagon
 D² Recond Hamacho attached
 to the collection Cadehamy
 at D²

28 27 115
 110 54 133 55 29

D²

Reaming on Hamacho's
 attached to the Washburn
 at 10 at Wagon
 D² Schandy Hamacho
 at Hamachyke
 Works on Hamachyke
 Shipping Leverage to the
 Store Room at 3 at Wagon

8 7 12
 7 6 8
 108 78
 2 62

D²

Same Over

2297310 11 5380 7 11 8861 10 5

Income of the Rio

Estad

Am
Exp
up to

Bala
for fun
on work
between
April

See
ret

Itamar Rio

Emigration works in June 1893	6,960	5,179	99	92	110	679	105
of Salta to Salta	4,700	893	9	76	70		
on the Rio Salta	830	766	100	63	114		
agreed to in 1892							

June 1893 1550 2723 3694 126 1132

Emileto

Reforming Paralytic and id	74	74	00				
making a lamp for any length	544	543	16	0			
the summer in 1892	120	120					
clearing heads of summer	150	116					
in 1892	1000	311	4.1	188	11	500	
of the supply chain of	750	750					
of the head 1890	3210	26	136	683	26	2500	
between the head and the head	312	100		112		100	
of the head 1890	1500	319	6.0	430	10	750	
of the head 1890	170	169					
of the head 1890	10	10					

Reforming the supply chain of	5980	5243	1510	236	02	500	
of the head 1890	1000	1038					
of the head 1890	875	875					
of the head 1890	3890	626	71	2263	8.11	1000	
of the head 1890	110	132	35				
of the head 1890	263	175		88			
of the head 1890	1282	107	11.0	74	50	1100	
of the head 1890	240	253	10.11				
of the head 1890	820	102	1.10	117	14.2	600	
of the head 1890	20711	33	5123	154	8861	106	

Account showing the present state of Accounts at Hales in the District

Name of Works

Estimated Amount

Expenditure up to 31st Dec^r 1859

Balance required for further expenditure on work for same district between this and 30th April 1860.

Sum Retrenched

Remains due

Longbridge works in June and July 1859	1,960	517	99	92	110	679	105	
Do of J. Salter's (Lancashire) in June and July 1859	970	893	9	76	70			
Contracting for drainage at Hales	830	766	4	8	63	114		
Agreement in - Do - Do - Do								
Longbridge works in June and July 1859	1,550	272	3	6	694	126	1132	
Rebuilding of the old mill at Hales	74	74	00					For Hales
Working a lamp for lighting the mill at Hales	544	573	16	8				Do - Do
Rebuilding of the mill at Hales	120	120						Do - Do
Rebuilding of the mill at Hales	150	146						Do - Do
Rebuilding of the mill at Hales	1000	311	4	1	188	11	500	Do - Do
Do of the mill at Hales	750	750						Do - Do
Do of the mill at Hales	3210	26	13	0	683	26	2400	
Do of the mill at Hales	312	100			112		100	
Rebuilding of the mill at Hales	1500	319	6	0	430	10	750	Do - Do
Rebuilding of the mill at Hales	170	16						Do - Do
Do of the mill at Hales	10	10						Do - Do
Rebuilding of the mill at Hales	5980	5243	15	10	236	0	2500	
Rebuilding of the mill at Hales	1000	1038						
Rebuilding of the mill at Hales	875	875						
Rebuilding of the mill at Hales	3390	626	7	1	2263	8	11	1000
Rebuilding of the mill at Hales	140	132	3	5				
Rebuilding of the mill at Hales	263	175			88			
Rebuilding of the mill at Hales	1202	107	11	0	74	5	0	1100
Rebuilding of the mill at Hales	240	253	10	11				
Rebuilding of the mill at Hales	820	102	1	10	117	14	2	600
Rebuilding of the mill at Hales	2071	3	3	5	123	15	4	8561
Rebuilding of the mill at Hales								105

From
 Capt. E. Blagden
 Dist. Engineer
 Vizagapatam

To

The Depy. Chief Eng.
 Fort St. George
 Fort St. George

Dated 9th Nov. 1859
 Received

Noted in the
 vizagapatam
 in the District
 of

(21)
 Central Office of P.W.
 Fort St. George
 1st December 1859

1859
 The District Engineer
 The Secretary to Government
 Public Works Department

Public

Enclosures - 3.
 2 Originals & 1 copy
 with the inclosures

Reference to the orders of Govt.
 Government dated the 28th June 1859, and to the
 letter dated the 29th idem 1859, I have the honor
 to acknowledge the receipt of the same, and to inform
 you that the District Engineer has been directed to
 make an estimate for an additional grant for the
 following works, which are required to be provided in
 the current year, to be appropriated to the use
 of the District Engineer dated the 2nd idem 1859.

2. The erection of temporary accommodation
 for a party of Europeans to be located at Calcutta.
 It is desirable that the party of Europeans authorized
 to

to be employed on this work has been already de-
 -tached to this duty. The District Engineer
 proposes to spend Rupees 1000 in the Current year
 out of Rupees 4,000 the Estimate amount for this
 work.

3. The reconstruction of the Duggada
 Arment referred to in the Proceedings of Government
 of the 28th Mins has been rendered necessary on
 account of its having been breached in the manner
 described in the accompanying letter of the District
 Engineer dated the 5th September last. It has
 already submitted an Estimate for this work
 amounting to Rupees 1940, which is now under examina-
 -tion in the Central Office, and proposes to spend on
 it in the Current year Rupees 900 from the sum allowed
 for his District, which outlay will be only for the
 closing of the breaches to the Arment but requires an
 additional 1000 Rupees to complete the work the urgency
 of which will be admitted by a consideration of the
 fact that our it depends on annual Revenue of upwards
 of Rupees 10,000.

4. Besides the above amount of
 Rupees 2,500 is asked for repairs to Salt Pans, the

average

Return of Cont. & Disb.
 1859-60

Building in Duggada
 Duggada
 Arment
 Salt Pans

Balance from proceeds
 of the sale of the Timber
 Bridge
 Deduct
 Required for
 Building at
 Vizagapatam
 Remainder

average expenditure during the past 3 years on this
 class of works having amounted to Rupees 2,600,
 which if the District Engineer is required to meet
 from the reduced sum allotted to his District, will
 necessitate a retrenchment from other works which
 demand equal attention and I beg under the cir-
 -cumstances so fully detailed by Captain Blagrove
 to request the sanction of Government for the grant
 of Rupees 4500 from the funds realized by the sale
 of the Timber Bridge at Vizagapatam.

5. The sum which will remain undispensed,
 after deducting the above grant of Rupees 4500 from
 the balance of Rupees 26,840 referred to in Proceedings
 of Government of the 23rd Mins Rs. 2736 and
 minus Rupees 10,000 applied for in the above mentioned
 letter dated 29th Mins for the Army School Room
 at Saint Thomas Mount should I consider be kept in
 reserve to meet emergent demands which may be hereafter
 made from any other District, or to provide additional
 funds which seems likely to be required for the Bezarah
 and Ellore Canal.

For Santh Gangey
 4th Decr 1859

To The Secretary to Government
 C. H. D.

4th May

I have the honor to be,
 Sir,
 Your most Obedt Servant,
 H. Bell
 Chief Engineer

Ph. Com. 30: Dec/59 & 188139
 5859.
 26: Sept/59 & 37-38.

to the President
 of the Board of Directors
 of the American Salt Co.
 Dec 11/59

From 2: 7. 5: change/61
 No. 61.

Dec 17/59
 Dec 1859.

Dec 18091.

Dec 18091.

1894/98

22 Dec 1864 1/2 Jan 1865

additional for the investigation
 of the American Salt Co. made
 so kind time is necessary, under
 the amount of \$1000 per 6-10
 not from the available balance
 of the sale of the "under-
 ground"
 1868-6-1 January 1860.
 With the order

Feb 1859

Under the circumstances
 stated in the letter,
 the President of the American
 Salt Co. has been from the
 funds managed by the
 sale of the American Salt
 at Bismarck to the extent
 of \$1000 per 6-10
 made in the margin -

We will

In the Building in Harris Valley 1000
 Rebuilding the Duggerda ancient 1000
 Reprints of Salt Pans 2500
 4500

George W. George
 6-4 Lewis and Co
 1000 per 6-10
 1000 per 6-10
 1000 per 6-10