

(1) Number of pages 22.
 (2) Date of repair 28.8.86
 (3) Initials of the Referencer law

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PWD - DEPARTMENT

G.O. No.	1081-W	Press.
B.P. No.		Mis.
Dated		4.3.1978 197.

Not to be folded or roughly handled

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1081

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

4th March 1878, No. 1,081 W.

Buildings and Roads.

Military Works.

Read the following paper :—

No. 50. From E. H. PRINGLE, Esq., District Engineer, South Canara, to the Chief Engineer, Buildings and Roads, dated Camp, Kirmunjeshwar, 7th February 1878, No. 82.

ADVERTING to G.O., No. 159 W, dated the 11th January 1878, I have the honor

Grant	...	...	...	...	...	rs.
Deduct—transferred in G.O., No. 159 W,	...	...	...	...	...	300
of 11th January 1878	...	...	...	...	...	220
						80

to inform you that the balance now available under the head Minor New Works, Military, at my disposal will not be sufficient to meet the estimate for the extension of Rifle Range at Mangalore which I have already submitted for sanction through the Military Department.

The work is one already executed emergently at the request of the Officer Commanding, Mangalore.

2. I would respectfully suggest the advisability of previous reference before sums are transferred from grants at the disposal of District Engineers in order that the latter may not apparently run counter to the intentions of Government.

Estimate	...	...	...	...	...	rs.
Balance available	...	...	...	...	...	175
						80
Additional amount required	...	...	...	...	...	95

3. On the above mentioned estimate being sanctioned, I have the honor to request that Government will be pleased to allot Rupees 95 as shown in the margin by transfer from other districts.

No. 50-A. From the same Officer, dated Camp, Coondapur, 8th February 1878, No. 83.

I HAVE the honor to submit herewith for the sanction of Government an estimate, amounting to Rupees 175 only, for improvements already executed in emergency at the request of Military authorities to the Rifle Range at Urva in Mangalore, and request that the sum of Rs. 95 as noted in the margin may be allotted either from the Reserve at the disposal of Government or by transfer from other districts.

Amount of Estimate	...	...	...	...	...	rs.
Balance at my disposal, out of Rs. 300 after deducting the transfer made in G.O., No. 159 W, of 11th January 1878	...	...	...	...	...	175
						80
Net amount required to be allotted	...	...	...	...	...	95

No. 51. ORDER THEREON, 4th March 1878, No. 1,081 W.

THE estimate of Rupees 175, for improvements to the Rifle Range at Mangalore in the South Canara District, is sanctioned.

2. The allotment of the balance of Rupees 95 applied for by the District Engineer is not necessary. The work should be completed.

3. This sanction has been registered as Imperial No. 113 B of 1877-78.

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To the District Engineer, South Canara.
" Examiner of Public Works Accounts, with Estimate.
" Military Department.

Exd. S. T. Austin.

Spares Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of (1878) Madras.
PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
SOUTH CANARA
&c., &c., &c.

Dated March 4th.

Received

Recd.

Encl.

G. O., 4th March 1878, No. 1,081 W.

MARCH

Nos. 50-51.

Rifle Range at Mangalore, South Canara
District.—Sanctions estimate of Rupees 175
for improvements to the —.

No. 82

District Engineer's Office
Camp. Kimmishwan
February 1878.

From

The District Engineer
South Canara
To The Chief Engineer for
Roads & Buildings
Madras

In
adverting to G.O. No. 1098,
dated the 11th January 1878, I have the
honour to inform you that the balance
Grant Rupees 300— now available under
Sub-head transferred
in G.O. No. 1598,
of 11th Jan'y 1878, 200—
80— from works, mili-
tary, at my disposal will not be suf-
ficient to meet the estimate for the
extension of Rifle Range at Mangalore
which I have already submitted
for sanction through the Military
Department. The work is now already
executed emergently at the request
of the officer Commanding Man-
glore.

I would respectfully sug-

check the advisability of previous
reference before sums are transfer-
red from grants at the disposal
of District Engineers in order
that the latter may not apparently
run counter to the intentions
of Government.

3. On the above mentioned
estimate being sanctioned I have
the honor to request that Govt
will be pleased to allot Rs 95
Estimate Deficit 175-00 as shown
Balance avail. 80-00 in the mar-
ginal and Rs 95-00 gain by
transfer from other District.

I have the honor to be
Sir
Yours most obedient Servant

Edw. Smith
District Engineer

From
The District Engineer
S. Canara
2
The Chief Engineer for
Roads & Buildings

Dated 7th February 1878.

N^o 82

Encl:

Rifle Range at Uruva
Informing that the balance
mentioned within will not
be sufficient to meet the
estimate for the cost of
& requesting to allot Rs. 95 by
transfer &c.

at 1-3-78. R. 1/7/78

N^o 83

District Engineer's Office
Camp Coondapur 8 Feb. 1878

From
The District Engineer
South Canara
To
The Chief Engineer for
Roads & Buildings
Madras.

Sir,

I have the honor to submit herewith
for the sanction of Government an estimate
amounting to Rupees (75) one hundred and
seventy five only for improvements already
executed in emergency at the request of Military
Authorities to the Rifle Range at Uruva in Mangalore

and request that the sum
of Rs. (75) ninety five, as
noted in the margin
may be allotted either
from the reserve at the
disposal of Government or by transfer from other Districts.

Amount of Estimate Rs. 75-00-00
Balance at my disposal
out of Rs. 500 after
deducting the transfer
made in G.O. No. 1597 of
11th January 1878.
Net amount required to
be allotted Rs. 95-00-00

I have the honor to be
Sir
Your most obed^t servant,
E. J. Singh
District Engineer

From

The District Engineer

To

The Chief Engineer
Roads & Bridges

Dated 8th February 1878.

N^o 83

Encls. (3)

Rifle Range at Orissa -
submitting for sanction an
Estimate for improvements
already executed to the -

W
10.2

Ca 1-3-78. 24/3/78

Bd R
Milyworks.

N^o 1081 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 4th March 1878.

Read the following:-

From the Officer South Canara (H. E. No 82 & 7th Feb/78)
83 17/2-10

The estimate of Rs. 175
for improvements to the
Rifle Range at Orissa in
the South Canara District
is sanctioned.

The allotment of the
balance of Rs 95 applied
for by the District Engineer
is not necessary. The
work should be completed.

W
23.7.78

This sanction has
been registered as per
serial No 113 D. G.
1877/78

Officer South Canara
for Per Amb - 5 with Estimate
Mily Dept. - 15
17
19-3-78

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[Faint, illegible handwritten notes]

[Handwritten signature]

The work to be carried out is the Extension of the Rifle Ranges from 600 to 800 yards. Eight plat forms are to be built, 2 at every 50 yds and in the same line with the existing ones. The plat forms to consist of good gravel earth, and to be built in layers of 1 ft., each layer being well beaten, before the next is built.

The side slope to be 1 to 1 and the measurement of top surface $30' \times 12'$.

The wall running across the proposed Range to be dismantled, and the ditch near it to be filled in, and the surface levelled.

District Engineer's Office
Mangalore
17th January 1878.

Edmund

District Engineer

N. S. Corcoran *Major*
Commanding Mangalore

Ref 178

Improvements to the Rifle Range at Uruva.

102

Specification of work to accompany Estimate for improvements to Rifle Range at Uruva

Detail of Work.	Number.	Measurements in feet.				Contents.	Total quantity of each description of work.
		Length.		Breadth or Thickness.	Height or Depth.		
		Each.	Total.				
Earth work.							
Plat form at 650 yards—Right	1		area 381 1/2	"	1/2	190 3/4	✓
Ditto—Left	1		381 1/2	"	1/2	190 3/4	✓
Ditto—700—do	1		404	"	1	404	✓
Ditto—"—Right	1		404	"	1	404	✓
Ditto—750—Left	1		444	"	2 1/2	1110	✓
Sliding steps—do	1	11 3/4	area 11 3/4	1 3/4	6	123 3/4	✓
Plat form—750—Right	1		418	"	2	836	✓
Sliding steps—do	1	11 3/4	area 11 3/4	1 3/4	6	123 3/4	✓
Plat form at 800—Left	1		620	"	5	3100	✓
Sliding steps—do	1	16	16	3	6	288	✓
Plat form at 800—Right	1		area 651 1/2	"	5 1/2	3583 1/4	✓
Sliding steps—do	1	18	18	3	6	324	✓

Total Cft. of Earth 10637 7/8
or Cuyards 394.5

Leveling the ground at Right	1	92	92	22	3 1/2	716	
Dismantling the wall.	{	240	240	4	6	1440	
	{	114	114	2	1 1/2	1026	

Total Cft. Leveling the ground and Dismantling the wall 12787 1/2
or Cuyards 481.5

District Engineer's Office
Mangalore 7th January 1878
W. S. Liddle, Brig. General, Commanding Mangalore District
W. S. Liddle, District Engineer, South Canara
Commanding Mangalore

1877.

D. P. W. South Canara District.

Detailed Estimate No 45 of 1877-78.

Work.

*Informants to the
Police at Bangalore*

*Ch 10/15
1903*

1878

PUBLIC WORKS.

To *The D. G. South Canara*

*10/15
5-2*

10/15

10/15

10/15

10/15

G. O. 4 Mar 1878 No. 1081W

Nos. 50-51

Rifle Range at Mangalore

& Canara D. Sanction

estimate of Rs 175 for im-

provements to the

Est. in Rs.