

- (1) பக்கங்களின் எண்ணிக்கை 16
 (2) புதுக்கித் திருப்பிய நாள் 21 செப்டம்பர் 90
 (3) ஆதாரங்குறிப்பவர் கருக்கொப்பம் 16/9

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

செங்கப்பன் துறை

அரசாணை எண்.	2692	அச்சகம்
மு. கோப்புத் தாள் எண்.		பலவகை
நாள் :	14-10-1890.	198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, VI Circle,
to the Chief Engineer, Public Works Department, dated Trichinopoly, 15th
September 1890, No. 565 T.N.

I have the honor to forward herewith a letter, No. 99, dated 5th September 1890,
from the President, District Board, Tinnevely, addressed to the Chief Secretary to
Government, together with its accompaniments.

2. The estimate of Rs. 9,000 therewith received for constructing a road from
Kulasekharapatnam to Udenkudi comprises the following items :—

	Rs.
Earthwork, raising road	930
Metalling and gravelling	5,770
Masonry works	2,095
Petty establishment	205
Total	9,000

3. The length of the road is 3 miles 3 furlongs and 440 feet and its top width
18 feet where it passes through the town of Kulasekharapatnam at the east end from
Sea Custom office to the town limit, and through the town of Udenkudi at the west
end from the town limit to the market, of which 15 feet are to be metalled with sand-
stone 9 inches thick and gravel $1\frac{1}{2}$ inches. On each side of the metalling there will be a
band of gravel $1\frac{1}{2}$ feet wide and 3 inches thick. In other places the top width is to be
15 feet with a layer of metal 12 feet wide in the centre consisting of 6 inches in
thickness of sandstone and $1\frac{1}{2}$ inches of gravel and a band of gravel at sides as described
above. The slope of the embankment is to be 2 to 1 on both sides.

4. The drainages crossing the road will be provided with culverts as per plan
accompanying.

5. The estimate has been checked and the rates allowed are fair, but the unit of
work for spreading and tamping is taken as 100 cubic feet instead of 100 square feet
as required by G.O., No. 710 W., dated 5th March 1890.

Note by the Chief Engineer, Public Works Department.

Brick or stone arches would be much better work in the culverts than the
covering stones provided in the estimate, but if it is important not to reduce the water-
way through the vents, they might be covered with Westwood Ballie and Company's
floor plates laid longitudinally.

2. The attention of the District Board might be called to G.O., No. 302 L., dated
11th February 1890.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 14th October 1890, No. 2692 W., Public Works.

The estimate, amounting to Rs. 9,000, for constructing a road from Kulasekhara-
patnam to Udenkudi, in the Tinnevely district, is sanctioned.

2. Attention is invited to the note by the Chief Engineer above recorded.
3. This sanction has been registered as Local No. 26 W. of 1890-91.

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
„ Local and Municipal Department, with ten enclosures.

Exd. J. Mosse.
Spare Copies

2692

2

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of {1890} Madras.

PUBLIC WORKS.

Dated October, 14th.

Recd.

Encl.

G.O., 14th Oct. 1890, No. 2692 W.

OCTOBER.

Road from Udenkudi to
Kulasekharapatnam, Tinnevely
District

Estimate of Rs. 9,000 for constructing a
—, sanctioned with remarks.

OFFICE OF THE SUPERINTENDING ENGINEER,
6th CIRCLE.

Trichinopoly 15th September 1890.

5-17

No. 565-TN.

From Lt. Col. A. C. Smith & Co.

The Superintending Engineer,

6th Circle.

To

The Chief Engineer

D. P. W.

Sir,

ENCLOSURES.

1. Estimate with report
2. Plans
1. President's letter with a copy of Dist. Board's resolution

I have the honor to forward herewith a letter No. 99 dated 5th September/90. from the President District Board Tinnevely, addressed to the Chief Secretary Government, together with its accompaniments.

2. The estimate of Rs. 9,000 therewith received for constructing a Road from Kulasekharapatnam to Udenkudi comprises the following items:—

Earthwork, raising Road	Rs. 930
Metalling and gravelling	5,770
Masonry works	2,095
Petty establishment	205
Total	9,000.

3. The length of the road is 3 miles 3 furlongs and 440 ft and its top width 18 ft where it passes through the town of Kandaligara petnam at the East end is from ~~the~~ custom office to the town limit, and through the town of Kdangudi at the West end from the town limit to the market, of which 15 ft are to be metalled with Sand Stone 4" thick and gravel $\frac{1}{2}$ ". On each side of the metalling there will be a band of gravel $\frac{1}{2}$ ft wide and 3" thick. In other places the top width is to be 15 ft with a layer of metal 12 ft wide in the centre consisting of 6 inches in thickness of Sand Stone and $1\frac{1}{2}$ inches of gravel and a band of gravel at sides as described above. The slope of the embankment is to be 2 to 1 on both sides.

4. The drainages crossing the road will be provided with culverts as per plan accompanying.

5. The estimate has been checked and the rates allowed are fair but

the unit of work for spreading and tamping is taken as 100 cft instead of 100 sq. ft. as required by G.O. No 710. W dated 5th March / 90. *V. V. V.*

I have the honor to be
Sir

Your most obedient Servant

H. Smith M. Col. 182
Supg. Engineer M. Circle

ms

Recd 8865

P. W. D. 6TH CIRCLE.

From

The Supt. Engineer
VI circle

From

The Superintending Engineer.
6th Circle.

To

The

No.

Dated

Received

188

Enclosure.

No. 565-11
Dated 15th 3 September 1870
Despd. 17 3
Such 5. 1870
To B No 710 W 35.3.70
2365 W 3 27.5.89

Road from Nolaugudi
to Kulasegarapatnam.

Submitting for
sanction an estimate for
constructing a

Sumayaya Kumar
2697
26.9.70
b-x 20.30

3 p

2692

P. W. D

Note by the Chief Engineer P. W. D.

Brick or stone
arches would be
much better used
in the culverts than
the covering stones
provided in the
estimate, but if it
is important not
to reduce the water-
way through the
vents, they might
be covered with
Westwood Battic
6.5' floor plates laid
longitudinally.

2. The attention
of the District Board
might be called to
G.O. 3022, dated
11th February 1870.

W. W. B.
26.9.70

D. W. B.
E. W.

with

Public Works Department.

Current No. 8865

Letter No. 565 T N.

Dated 15th September 1900

From the S. E. VI Circle

Sanction Note by CM
within 24.9.00
NOTE OF REMARKS.

The accompanying plans and estimate under revision amounting to Rs 9000 provided for constructing a Road from Udangudi to Kulasepara - patnam in the Tirumalgarh.

The amount of Rs 9000 is divided as follows:-

Earthwork, raising Road	923.2.8
Metalling & gravelling	5776.13.4
Masonry works	2095.0.0
Petty Establishment	205.0.0
Total Rs	9000.0.0

The length of the road is 3 miles 3 furlongs & 440 ft & its top width 18 ft. where it passes through the town of Varla - Sagarapatnam & Udangudi, of which 15 ft. are to be metalled with sand stone 9" thick & gravel 1 1/2". On each side of metalling there will be a band of gravel 1 1/2 ft wide & 3" thick. In other places the top width is to be 15 ft. with

with a layer of metal 12 ft wide with 6" of sand stone & 1 1/2" of gravel & a band of gravel at sides as described above. The slopes of the embankment are to be 2 to 1.

The drainage crossings the road will be provided with 5 culverts as per accompanying plan. The roadway over them being 9 ft wide between parapet walls.

The positions of the 5 culverts are shown in the survey & the longitudinal section. The gradients of the road are easy.

These culverts are to be built with sandstone in mortar & plastered 2 coats with chunam & the skirts will be covered with covering stones &c.

Report is submitted.

The rates are fair.

The unit of work for spreading & tamping is taken as 100 cft. instead of 100 sqft. as required by G. O. No. 710 of 5-3-90.

The plans & estimates have been countersigned by the President District Board.

St.

23-9-90

Note by F.W.

Brick or stone arches would be much better work in the culverts than the covering stones provided in the estimate, but if it is impracticable to reduce the water-way through the culverts they might be covered with Westwood Bricks & Corrugated Plates laid length-ways.

The attention of the District Board must be called to G.O. 302 of 11th Feb 1890

No. 26925 of 14-10-1890

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the S. E. Circle No. 565 of 15th Sep 90
Note by the Chief Engineer P. W. D. of 27th Sep 90

The estimate amounting to Rs 9,000 for constructing a road from Kulasekara to Udenkudi, in the Tirunelveli District, is sanctioned.

2. Attention is invited to the note by the Chief Engineer, above recorded.

3. This sanction has been registered as Local No. 26 W. of 1890-91.

To
The S. E. Circle
Local & Municipal Dept
with enclosures

26.9.90

27.9

CPD

2692

8

10.10.91.
By [illegible]

The Hon. & Co.
Chief Secy for
of Com. & Justice

Ch. Secy 2-X-90.
H. 7-X-90

8868

Govt. of Madras.

PUBLIC WORKS.

1571

Date

By

Encl.

G.O. 14th Dec 90 No 2892 W.

Road from
Adangudi to Kulase-
garapattanam, Tirunelveli
District

Estimate of Rs 9000,
for cartage & small
work

60
4

8868/10
9-10-90