

- (1) பக்கங்களின் எண்ணிக்கை 4
 (2) புதுக்கித் திருப்பிய நாள் 10.90
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/7

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

116

அரசாணை எண். மு. கோப்புத் தாள் எண்.	3072	அச்சகம் பலவகை
நாள் :	16-11-1891	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

2 Sheet



3072/1

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper:—

From W. A. Willock Esq., Collector of
Vizagapatam, dated 7th November 1891, regarding
the visit of Mr. Thorowgood to report on the
suitability of Vizagapatam as a harbour.

5. The following instruments and stores are
required:—

2 theodolites.

2 levels.

2 100 feet surveying chains.

2 " " metallic tapes.

2 50 ft " " "

6 large survey flags 4' x 6' Red bunting.

6 large survey flags 4' x 6' white bunting.

20 yards Red bunting.

" " white " "

" " Blue " "

Deep sea lead line about 30 fathoms.

Log line " " " "

Rat line " " " "

Small lead line " " " "

Some spun yarn tarred.

Some

Some spun yarn plain.

" Roping twine.

" Needles

" Sewing palms.

100 fathoms $1\frac{1}{2}$ " Coir or white Manilla rope

several handy kedges and anchors.

$\frac{1}{2}$ cut good white tallow.

20 lbs. white paint

20 lbs. Red.

1 dozen paint brushes, assorted sizes.

1 Complete set boring apparatus with tubes,
shear legs and tackle, shell augurs
and rock jumpers.

These articles might be obtained from
the Marine and Public Works Department
and despatched to Vizagapatam to await Mr
Thorowgood's arrival.

Order of 13th November 1891, No: 497.

The Government has no objection to
Mr. Thorowgood's reporting his arrival ^{by letter} if unable
to do so in person.

4. The Public Works Department will
be requested to lend such of the instruments,
imperishable articles &c. required as are available.
The Presidency Port Office will place himself
in communication with the Public Works
Department

Department on the subject. Such of the
stores and other perishable articles which
cannot be supplied by the Marine
Department should be purchased under
the orders of the Presidency Port Officer
who will arrange to forward the whole
of the plant, stores &c to Vizagapatam
to be ready for Mr. Thorowgood on arrival.
The expenditure incurred should be reported.

20th Nov
/ True Extract /

W. A. Willock
Asst. Secy.

To The Public Works Department.
" Financial Department.
" Presidency Port Office.
W. A. Willock Esq. C.S.

P. H. JOHNSON

No. 3072 Wdy 16th Nov/91

Recd. 16. 11. 91

B (7)

Communicated to
the Supltg. Engr. & Civil who
will arrange for the supply
from the Public Works
Stores, of such of the articles
as are available. They
should be handed over to
the Presidency Port Officer
for despatch to Vizagapatam
to Vizagapatam.

oos
16. 11. 91

S 16. 11

S. L. V. Leslie
S. L. V. Leslie
Marine Dept.
Marine Dept.

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S. C. 17. 11

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