

(13)

Sup for camp in (Cuba) 1834
The first of the month of June was
the first of the month of June was

The first of the month of June was
the first of the month of June was
the first of the month of June was
the first of the month of June was
the first of the month of June was

No. 1422 w of 17th June 1886

1/14/6

The first of the month of June was
the first of the month of June was
the first of the month of June was
the first of the month of June was
the first of the month of June was

Aug. 47/6

19/6

10.6.85 15.6.85

No 1422W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

17th June 1885

Read the following

H.E. No. 227. Ed of 12th June 1885

From Supd: Engr IV Circle

Office Note from the General Supd.

P.W. Stores

H.E. No. — of 8th June 1885

The purchase of two
12 inch Engineer's Levels by
hook and saw, at a cost
of Rs 250/- each, for ^{the} use by
of the Executive Engineer,
Nilgiris, is sanctioned.

2. This sanction
has been registered as
Provincial No. 66 W of 1885-86,
and classified as Tools and
Plant.

To Supd: Engr IV Circle.

Exam^r: P.W. Accounts

CD.

10.6.85

Desd

18-6-85

HB.

US.

11.6.85

There are only second-hand instruments
in store apparently, & E.E. is anxious
to have new ones. The cost of those supplied
by Messrs. O.V. is greater than cost of similar
instruments procured from home, but to avoid
delay & meet the demand for new
levels I presume the estimate must be
accepted —
Draft sanction for W's consideration.

CD.

10.6.85

Dr. W. F.

Reply from
P. W. Stone sub-
mitted.

Two new 15" in-
struments would
according to this
estimate cost
Rs. 396. 3. 0. and
carriage to Rs. = Rs.
406. 3. 0. delivered
at Ooty, as against
Rs. 520 for those
proposed to be
obtained from
Devis.

H.B.

10. 6. 5.

Two
10" instruments w?
cost only 320/- at Ooty.

9. 10. 6. 83 R. 15. 6. 84

The price is as follows -

Leveling Inst^{ts}, Dumpy, Reversible. 10" with Stand - R. 150-5-8
" " " " " 12" " " " 175-4-1
" " " " " 15" " " " 198-1-6

8th June 1885

L. Gray
for Capt. P. W. Stone

Aug 6/85.

Memo No 784 C. 13. 4. 83-
No 912 C. 13. 5. 83-
No 1358 D. 6. 6. 83.

C. 10. 6. 83 R. 15. 6. 83-

No. 1358 D.

GOVT. }
OF MADRAS. } 188 . { P. W.
DEPT.

SECRETARY.

Chepâk, 6th June 1885.

OFFICE NOTE.

From *D.W.*

To *The Supt. P. W.
Stores.*

*Please let me
know what is
the cost to Govt
of a ^{new} Jewelling
instrument, such
as is usually
issued to P. W.
Officers.*

CS

D.W.

5-6-85

No. 1358 D.

GOVT. }
OF MADRAS. } 188 . { P. W.
DEPT.

SECRETARY.

Chepâk, 6th June 1885.

OFFICE NOTE.

From

D. W.

To *The Supt. P. W. Stores.*

*Please let me
know what is the cost
to Govt of a new Jewelling
instrument, such as
is usually issued to
P. W. Officers -*

Inf. C. B.

D. W.

*new no 912 ca/13-5-85
" 789 ka/13-4-85*

See

For orders.

It is noted that
there are two
second hand
instruments in
P. W. Store.

The ~~expenditure~~
of Rs. 520/- which
unnecessary were
they issued.

J.B.

5/6/85

It seems to me we must ascertain
what our instruments cost. This
has not been ascertained. Obtain
information from P. W. Store.

5/11

Book 4974

From

The Supg. Engineer,
Fourth Circle.

No 1422W of 17th June 1885

Dated, 1st June 85.
Recd: 4th June 85.
Rev 5

No 227
2/11.

Level by Cook and son:-

Reporting the
probable cost of one
12-inch Engineer's—
now required by the
Executive Engineer
Nilgiris.

N^o 227
W

From

Supg. Engineer's Office IV Circle
Camp Brevelyan 1st June 1885.

The Superintending Engineer
IV Circle

To

The Chief Engineer
P. W. Department

Sir,

In reply to your Memorandum
N^o 912C of 13th May, 1885, I have the honor
to report that the probable cost of one 12 inch
Engineer's Level by Cook and Son, now
required for use by the Executive Engineer,
Nilgiris, is Rs 250 and Carriage Rs 10: making
in all Rs 520 for two Instruments; as per List
sent by Messrs P. Orr & Sons. No Troughton
Levels are available in this Company's store.

I have the honor to be,

Sir,

Your most obed^t servant,

J. Beatty - Col. R.E.
Superintending Engineer IV Circle

Memo; No 789 C. 13. 4. 885

N^o 912C of 13th May/85

Memo

With advertence to
his letter N^o 162 E.C.
of 29th April 1885, the
Supg. Eng. IV Circle
should report the
approximate cost
of Troughton's Improved
Levelling instruments
as compared with
that of the levels
ordinarily issued
by the P. W. Stores

Col.

8.5.85

W.

8.5.85

SE IV Circle

Ans. 45/5.

13/5

15/5

3926

(13)

From

The Supg. Engineer,
Fourth Circle

N^o 1622 W of 17th June 1885

Dated 29th April
Despd: 1st May } 1885.

N^o 162
W

N^o 912C of 13-5-85

Levelling Instruments:-

Requesting to author-
ize Major Smith R.E.,
to purchase 2 Troughton's
- for the use of himself
and his subordinates.

With memo

N^o 162
214

Supg. Engineers' Office IV Circle
Camp Coonoor 29th April 1886.

From

The Superintending Engineer
IV Circle

To

The Chief Engineer
P. W. Department.

Sir,

I have the honor to inform you that the Executive Engineer Nilgiris has not a sufficient number of Levelling Instruments for the use of himself, and his subordinates. He wants two additional instruments and the Superintendent of P. W. Stores states he has only in stock second-hand instruments. Major Smith desires to obtain two Troughton's Improved Levelling Instruments, and has asked me to obtain your sanction to his purchasing them in Madras or elsewhere.

I have the honor to be,
Sir,

Your most obed^t serv^t,

L. Beatty.
Superintending Engineer IV Circle. Col: R.B.

Public Works Department .

No. 789 C dated 13th. April 1885.

MEMORANDUM .

From the Suptg. Engr. I Circle No. 374 G.L. dated 27th. Jany. 1885.

Do Do II Circle No. 277 G.L. dated 22nd. Novr. 1884.
Do Do III Circle No. 2020 dated 15th. Jany 1885.
Do Do IV Circle No. 500 E.W. dated 14th. Novr. 1884.
Do Do V Circle No. 3229 dated 22nd. Novr. 1884.
Do Do VI Circle No. 1108 T.J. dated 21st. Octr. 1884.
Do Consgr. Archt to Govt. No. 1100 dated 9th. October 1884
Do Supt. of Works T.M. Scheme No. 1805 T. dated 11th. Novr. 1884.
Do Examiner P.W. Accounts No. 838 dated 20th. February 1885.
Do Chief Engineer for Irrign. No. 78 dated 20th. March 1885.

The foregoing papers are replies to Circular No. 1608 C dated 30th. September 1884, requesting Superintending Engineers to report the immediate additional cost which would be involved by the adoption of a suggestion made by Col. Beatty R.E., that, in view to greater care being exercised in the use of scientific instruments, every subordinate, on first joining a division, should be intrusted with a prismatic compass and levelling instrument, for the condition of which the holder would be held personally responsible.

2. It now appears that there are a sufficient number of instruments in the various divisions, or in stock, to carry out the proposal without appreciable extra outlay; so that the question of cost need not be taken into consideration.

3. The Superintending Engineer 11 Circle thinks that the proposal would lead to an unnecessary number of instruments being kept in stock; whilst the Superintendent of Works Tank Maintenance Scheme, though approving the suggestion, is of opinion that the issue of a prismatic compass is unnecessary, as it is not much used by subordinates.

4. The Superintending Engineer VI Circle, on the other hand, thinks that Colonel Beatty's proposal does not go far enough. Lt. Colonel Mead would give to every officer and subordinate, on first joining the Department, a complete set of instruments, for which the holder would be responsible throughout his service. This suggestion is however hardly feasible. In cases of transfer, individuals would sometimes have to carry the articles long distances, to the detriment of the instruments, as well as of their own convenience and pecuniary interests.

5. The Chief Engineer is of opinion that the object in view will be sufficiently met by the issue to each subordinate, on first joining a division, of such instruments only as he may be required to use. The subordinate will be required to grant a receipt for the instruments, acknowledging their good condition; and he will be held responsible so long as he remains in that Division, for their proper preservation. Executive Engineers, on their quarterly inspection of sub-divisional offices, will satisfy themselves that such instruments are properly kept; and whenever repairs or renewals are necessary, the Executive Engineer will decide whether such should be at the cost of the holder, or of the Government. On transfer from a division, subordinates will return their instruments into store on good order.

6. The Chief Engineer desires that effect be given to these orders as early as practicable.

(By Order)

C. Howen.

Major R.E.

Dy. Chief Engineer P. W. D.

To

The Chief Engineer for Irrign. .
" Suptg. Engineers.
" Consg. Archt. to Govt.
" Supt. of Works T.M. Scheme.
" Examiner P.W. Accounts.