

Local & Munl. (1895) Department.

MISCELLANEOUS.

G.O., No. 1157/m

DATED 20th July 1895.

[Despatch Abstract.]

Boring Apparatus.

Requesting the Chief Engineer, Public Works Department, to give his opinion as to whether there is any necessity for supplementing the present-----and to state whether the rods, &c., required to replace what has been lost should be got out from home or can be supplied locally.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

S. E. 19-3-95-1,000.

No. 7/41

GOVERNMENT OF MADRAS.

OFFICE OF SANITARY ENGINEER,

Camp. Co. to command
Fort St. George, 19th June 1895.

Local & Municipal Dept.

URR

From

J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E.,

SANITARY ENGINEER TO GOVERNMENT,

To

The Chief Secretary to Government,

Local and Municipal Department,

SIR,

With reference to G.O., dated 20th May 1895, No. 866 M, Local and Municipal, I have the honor to report as follows:-

The boring apparatus in use at present is of the latest improved description and is suitable for depths of 400 feet. If depths of 750 & 1000 feet are to be attempted, some larger sized tubes and thicker rods will be necessary and the lifting tackle and winches will have to be of greater strength and power.

2. I am not at present aware of any further boring having been decided upon but I presume from various allusions in Government orders in regard to Cocanada & Manipal that it is the intention of Government that borings should be undertaken in these places eventually.

No 766 M & 221 M
10 6 95 12 2 95

As Government are aware the boring apparatus is still at Cochin and Rs 12-8-0 monthly are being paid to the Municipality for its care; the boring at Cochin is definitely abandoned & it is advisable that the apparatus should be removed to the Public Works Stores, Madras until again required unless Government are prepared to order a boring at Cocanada at once when it could be shipped there direct.

4. An amount similar to that expended at Cochin, viz Rs 5194 may be allotted for the purpose of the test to be increased afterwards if necessary. Government are aware that of the 400 feet of rod belonging to the boring apparatus 120 feet have been lost as the rod broke in the bore hole & it is impossible to raise it from the shaft but the 8" tubes can be raised and the remainder of the apparatus removed.

5. The cost of raising the tubes and making the plant available for shipment will be Rs 600 as follows:-

	Rs
Superintendent's salary for one month =	250
Maistry's salary for one month =	40
Syrang's salary for one month =	30
Local coolies - - - - -	180
Contingencies - - - - -	100
	<u>Rs 600</u>

To this must be added travelling expenses of the Superintendent, maistry & syrang to Cochin and back, say Rs 120.

The

6. The cost of packing and freight will be to Madras about Rs 600.

7. The apparatus came out through the India Office Stores (Indent sent with letter dated 26th October 1891, No 2821 W) and if Government think that the apparatus should be made suitable for 750 or 1000 feet borings, it will be best to make application to that department as to what further apparatus is necessary but I suggest ~~that~~ 300 feet of 10" pipes & 300 feet of 12" pipes with 1000 feet of boring rods 2" diameter, 600 feet extra wire rope and a winch of double the capacity of the double purchase one in use.

8. In any case the present apparatus requires 120 feet of $1\frac{3}{4}$ " square boring rods with female screws, male ~~screws~~ in one end with steel pins to replace the amount lost.

I have the honor to be,
Sir,

Yours most obedient servant

M. J. J.

Sanitary Engineer to Govt.

100

Municipal Dept.
 INT No. 1970m

1895

From

The Sanitary Engineer
 to Government

To

The Chief Secretary
 to Government
 Local & Mun. Dept.

No. 8/41

Dated 19.
 Despatched 21.
 Recd 21 JUN. 95

June 1895

Subject

Giving certain information
 in regard to the purchase of
 diving apparatus through the
 India Office Stores of Government
 think that the apparatus should be made
 to suit for 750 or 1000 feet depth and what
 the cost would be for lifting up & removing
 the apparatus now in Cochin.

866 L 20-5-95
 221 L 12-2-95
 93 L 1-1-95
 1628 L 3-11-94
 558 L 28-7-95
 766 L 10-8-95
 1573 L 19-9-95
 108 L 1-13-95
 387 L 18-3-95
 2057 L 15-7-95
 1452 L 2-9-95
 2079 L 2-5-95
 540 L 2-3-95
 1422 L 30-6-95
 1550 L 2-8-95
 For orders 28-7-95

H.M.

There does not seem to be any
 necessity for spending more money
 on plant except to replace what
 is broken, at any rate for the
 present. Submitted that the
 Sanitary Engineer may be directed
 to put ~~the~~ ^{an} order and that the
 Municipal Councils of Malappalam
 and Cochin may be asked whether
 they wish for experimental diving the
 made within their limits and if
 so what funds they can provide.

C.S.
 6-VII-
 15/7/95

First, please ask the C.E.
 what he thinks about supplementing
 the apparatus & whether the rods
 are required to replace what are lost
 or kept out from home or can be
 supplied locally.

M
 15/7/95

[G.]
 [21.]
 610-8345

Papers to be read in proceedings:—
 Land & M. DEPARTMENT.

Again G.O., dated 189 , No.
 Again G.O., dated 189 , No.
 Current No. of 189 , dated from

Current No. 1970m of 1895, dated 19-VI-95 from the Sanitary Engineer.

ORDER. 20-7-95 No 1159/m

The Chief Engineer, P.W.D. will be
 requested to state his opinion, with
 reference to para 4 of Mr. James letter
 whether there is any necessity for
 supplementing the present diving
 apparatus, and to state whether the
 rods etc required to replace what
 has been lost should be got out from
 home or can be supplied locally.

C.S.
 15-VII-
 18/7/95 (from orders)

To

The Chief Engineer
 P.W.D.
 25/7/95

Additions to the Government
living apparatus.

C.S.

1159/10

(from order)

READ AGAIN ORDER OF GOVERNMENT, DATED
189 . No . MISCELLANEOUS.

ENCLOSURES.

CURRENT No

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DISPATCH
IN ORIGINAL (not paged).

N.B.--

- A = Copy in full
- B = Not to be copied.
- F = Copy abstract only.
- Q = Copy heading only.

BACK PAPER, No.

OF 119

FURTHER PAPER, No. *Cuo 2552* ¹⁸⁹₁₈₉₅

Copied by *h. v. d.*

Examined by

INDEXED.
Miscellaneous.

LOCAL AND MUNICIPAL DEPT.

G.O., DATED 20-7-95
No. 11594.

When given for copying.

[Despatch Abstract.]

Boring apparatus

Requesting the Chief Engineer P.W.D.
to give his opinion as to whether there is
any necessity for supplementing the
present — & to state whether the
tools etc. required to replace what has
been lost should be got out from home
or can be supplied locally.

When given for copying _____
When copied _____ } 189
When examined _____
When signed _____

By AGAIN G.O., No.
189 ,

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

N.B.—

A = Copy in full.
B = Not to be copied.
P = Copy abstract only.
Q = Copy heading only.