

Local & Munl. (1896) Department.

MISCELLANEOUS.

G.O., No. 974 M

DATED 11th June 1896

[Despatch Abstract.]

Cochin Boring Apparatus.

Approving the proposals of the Sanitary Engineer with regard to the disposal of the --- and requesting the Chairman, Municipal Council, Cochin to take steps to carry out the transshipment at once.

BACK PAPERS.

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

FURTHER PAPERS.

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

Telegram

For St. George.

Sanitary Engineer to Govt
 Your proposals regarding disposal
 Cochis boring apparatus approved.
 Take immediate steps to carry out
 trans-shipment & order follow up
 (Sd) by A.S.

NOTE FOR THE A.S.

VE

I put up a telegram
 for signature if approved.

120
 9/6/96

The order may go to
 Madras for fair copy
 despatch

Ind
 9.6.96

Keep a half margin copy
 tele & despatch the telegram
 the book also. Prof. do not
 in the telegram

Telegram copy
 for St. George
 9/6/96

dispose

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

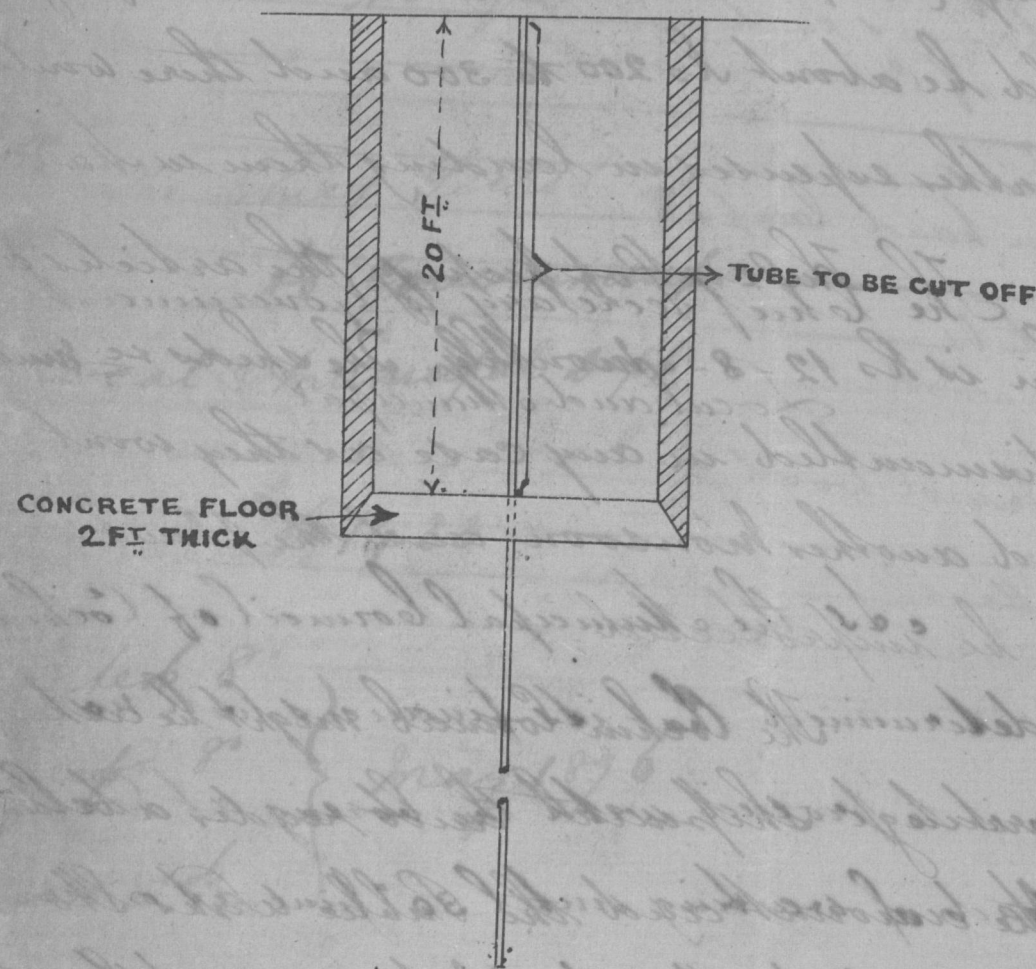
SIR,

As the Municipal Council of Cochin has determined that its finances will not allow it to proceed with the boring at Cochin instead of waiting until 30 June as ordered by G.O., No. 65 M., of 11 January 1896 to report on the matter, I have now the honor to make proposals in regard to the apparatus &c.

2. A. I. I. I propose that the tubes already put down be left in the bore at Cochin. The Municipality may probably be able to avail themselves of these by sinking around the tube a masonry well some 15 or 20 feet deep with a skinning built in cement, the well being floored at its bottom level, the tubing then to be cut away; a fairly pure and constant

supply from the well would then be available.

The quality of the water will probably be better than most of the wells in Cochin.



3. In regard to the disposal of the remaining materials, those in list A I propose to sell, their probable value is about Rs 64.1.0.

4. The remaining materials in list B, I propose, should be sent to the Public Works Stores, Madras (except those marked x which may be sent to this office). The articles in this list are all valuable and

could be used in any future boring.

5. The cost of dismantling, packing, boat hire &c. will be about Rs 110. The local agents of the British Indian Steam Navigation Company (Ld) at Cochin think that the freight would be about Rs 200 to 300 and there would be further expenses in landing them in Madras.

6. The cost of keeping the articles at Cochin is Rs 12.8. monthly. The sheds &c. must be dismantled in any case as they won't stand another monsoon and the plant would then be unprotected.

7. The Cochin Council might be asked to arrange shipment and render a bill for the amount and the Public Works Store-keeper, Madras to arrange to receive the articles and store them till again required by this or any other department.

I have the honor to be,
Sir,
your most obt. servt.

[Signature]

Sanitary Engineer to Govt.

[Initials]

submits proposals for me

dispose

Local & Municipal Dept.
1896

From

The Sanitary Engineer
to Government

To

The Chief Secretary
to Government

Local & Municipal Dept.

No 1433

Dated 8th

Despd 8th

Received

May 1896

9 MAY 1896

Enc - 2

Subject

Cochin Boring Apparatus

Submitting his
proposals reg: the disposal
of - as no further use
can be found for it
at Cochin.

A

Memo of materials to be disposed which ^{is} not necessary
to be sent to Madras.

	Rs	As
2 Sheds <u>as</u> valued	10	"
7 Pieces of Spars of different sizes of jungle wood	5	"
8 Buckets at 6 annas each	3	"
2 Writing tables of Common wood	4	"
3 Stools	"	12
2 Armchairs	2	8
6 Common tin hand lamps	"	1
1 Filing bench	1	8
2 Old broken tubs	"	8
5 Pieces jungle wood	1	4
1 Box containing samples of earth	"	12
5 Blocks of Travol wood	1	4
2 Lamps	1	"
10 Rope travellers	7	"
Old ropes	"	8
Shear legs	25	"
Total Rupees	64	1

[Signature]

Sanitary Engineer to Govt

[Initials]

Submitted proposals for disposal

1433 of 189

Madras

Lochin Artesian well Boring B

to be forwarded to Madras

Grace iron smith

2 Bites for do surek nose

Reiner 1/2 round

2 — " — Square

1 Brass Rackets 12"

Post for do

Set drills for do: $\frac{1}{4}$ to 1 inch 8 sizes

1 Stock drills

1. Bow drill for do: with gut hand and Reel

1. Shale breast for do:

1. Set drills steel do: (5 in number)

ballper steel 6"

bluish hand cold 8" x 3/4"

1 _____ " _____ V. or engraving

1 _____ " _____ gross cut 7

1. L. hisel Rot. lov

_____ v _____ cold

1 compass wing ————— 10"

Drivers' screw _____ 14

2 Griles flat Bas^d _____ 14'

2 50 50 10

2. 50

3. 50 50 ||

2 ——— DO ——— DO ——— DO 1/2 round 12

2 _____ DO _____ NO / 2 / 0000000

1 ————— DO ————— DO —————

1. _____ No. _____

1. _____ Do _____ Do round _____

1 ————— 20 ————— 20 —————

1 _____ DO _____ DO $\frac{1}{2}$ R² = 2: cur

1 Safe Edge _____

00 1/2 Round Smooth —

Square smooth _____

80 _____ 90 _____

Hammer sledge 10 lbs with handle (loose not fitted)

1 Hammer Stage 10 to 2000 ft
7 lbs _____ "

Filters 24 oz.

1 50 8

1 _____ NO _____ DO = 0 _____
IT brand 3 lbs

1 — 00 — Smiths hand 3 no

1 50 50 2 lbs

submits proposals for the ~~diff~~

- 4 Handles File midlung
- 3 Do small
- 1 Bunches centre
- 1 Do Round $\frac{1}{2}$ " x 10" long
- 1 Do $\frac{1}{16}$ x 4
- 1 Do Smiths $\frac{3}{8}$ "
- 1 Do $\frac{1}{2}$ "
- 1 Rule common 2 feet
- 1 Saw frame Bow 10" complete with spare blade
- 1 Scraper
- 1 Jons Smiths Forchit
- 1 Do Do Forge small
- 1 Do Do Hollow bit
- 1 Do Do Plier
- 1 Vice bench solid box standing 40 lbs 3' 2" long
- 1 Do hand
- 1 Screw plate 10 taps
- 1 Set Tools Smith in box
- 1 Auger iron spiral $\frac{3}{4}$ "
- 1 Do Do 1"
- 1 Do Do $1\frac{3}{8}$ "
- 1 Chisel carpenter former $\frac{5}{8}$ "
- 1 Goggles $1\frac{1}{2}$ "
- 1 Screw wrench 12"
- 1 Vices standing 70 lbs
- 1 Boil rope hemp tarred $3\frac{1}{2}$ "
- 1 Block iron galvanized $3\frac{1}{2}$ "
- 1 Do Do $3\frac{1}{2}$ "
- 1 Do Do $3\frac{1}{2}$ "
- 1 Do Do $3\frac{1}{2}$ "
- 13 Iron clamps for rod
- Boring tools &c
- 2 Spare C. S. bush guides
- 3 Shoes for try pot
- 2 $1\frac{3}{4}$ Lifting dogs with catch
- 1 W. S. Bracket and frame fitted with sheave pulley
- 3 $1\frac{1}{4}$ Hand dogs
- 1 Strong spring hooks
- 1 Strong rigger carriage
- 1 T chisel for boring in jumper

- 1 20 feet Iron chain $\frac{1}{4}$ "
- 1 Wooden clip with hinge + catch fitted with b. S. guide in centre
- 2 $\frac{1}{4}$ " Play anger with guides
- 1 $1\frac{3}{4}$ Livel rod.
- 1 T. Chisel
- 1 6" Sand Sump
- 1 b. S. Rope Pulley for boring rod
- 2 Iron spanners (large)
- 5 Sets Iron link bolts fitted with Bolts
- 2 Do Do and nuts
- 2 Iron screw Link bolts fitted with bolts and nuts
- 10 50 feet length of $\frac{1}{2}$ " galvanized wire rope with thimbles each end & hook
- 1 Iron socket for pipe
- 1 Iron monkey
- 1 W. S. Large clamp
- 1 Do small clamp with steel dyes
- 1 Spring dart
- 1 Accident crow foot
- 1 Steel shoe for 8" shaft
- 1 Iron rest for liver (broken)
- 3 Pieces of steel spring for spring dart
- 1 Lifting link
- 1 W. S. Rest box
- 2 Spanners
- 1 Sqr piece for do (note made)
- 14 Bolts of different sizes
- 1 $\frac{5}{8}$ " Rod
- 1 Wire Rope purchased in Cochran
- 2 Handles for small winch
- 1 Canvas bucket with iron work complete
- 2 Cast iron sheave for snap pulley
- 1 Strong W. S. Filler for boring rods (made in Cochran)
- 10 Boils wire Rope thin $\frac{1}{4}$ "
- 22 $\frac{1}{2}$ " Bolts and nuts
- 3 Shackles
- 1 Box containing books & stationeries X
- 1 Magnifying glass } in the above mentioned box X
- 1 Magnet

Submits proposals for the
dispose

File midlung

- 8 10 feet length of 8" flush screwed bore pipes
- 25 10- 50- 50- 1 3/4" boring rods with female screws + male screws in one end
- 1 20" Rigger and carriage
- 1 Loose W. S. jumper Bar
- 1 " " Crab winch single purchase with brake and extra large drum for wire rope
- 1 " " double purchase with brake + 90 ft 1/2" chain 3 hooks + lifting hooks
- 1 Iron shaft
- 1 b. S. Bearing
- 1 Anvil 2 1/2 cwt
- 1 Chain iron 5/8" R feet 60
- 1 Box containing section boards X
- 2 Wooden clamps with bolts and nuts complete
- 1 Rope puller

[Signature]

Sanitary Engineer to Govt

[Initials]

above, the Sanitary Engineer
submits proposals for the disposal

Handles 2 in 1

Enclosure to Letter No. 1433 of 1896

Cochin Artesian well
Boring

List of apparatus, tools
in serviceable condition
to be forwarded to Madras

one end
ze drum
e rope
ing hooks

LOCAL AND MUNICIPAL DEPARTMENT.

Again G.O., dated 11 January 1896, No. 65m.
Current No. 1377m. of 1896, dated 8 May from the Sanitary Engineer to Govt.
Current No. of 189, dated from the

FOR ORDERS.

Please see the notes and orders in the G.O. read above.
In this order it was decided that the experimental boring at Cochin should be discontinued and the Municipal Council was informed that it could have the use of the apparatus if it desired to continue the operations at its own cost. The Sanitary Engineer was also requested to report on the 30th June what he would propose to do with the apparatus, should no further use be found for it.

In his letter recorded in G.O. no. 392m. dated 7th March 1896, the Chairman reported that the Council was unable for want of funds to continue the boring operations at its cost. In his letter read above, the Sanitary Engineer submits proposals for the disposal

13
2
2
1377 m. p. 13

disposal of the apparatus.

As the boring at Cochin
S. 23.5.96 has definitely been given
up as the San. Eng. reports

that the shed, which now protect
the boring plant will not stand another
monsoon, it is submitted that the
his proposal to remove the plant
(with the exception of a few worthless
articles) to Madras may be
approved, & the ~~transshipment~~ ^{transshipment}
ordered to be carried out at once
before the monsoon begins.

W.D. I am struck that it
25.5.96 is rather late for this.

It is not apparent why the
letter was delayed so long
in the office. It came up
here only a day or two ago
& was not marked important.

8/6/96

Free action should be taken
of the delay, which may re-
sult in considerable incon-
venience.

8/6/96

C.S.

Order. No 974 Mms of 11.6.96.

The Sanitary Engineer's proposals
with regard to the disposal of the
Cochin boring apparatus are
approved. Steps should be
taken ~~at once~~ to carry out the
trans-shipment at once.

W.D. (from order)
9.6.96 9/6/96.

To San. Eng. S.P.O.
To Chairman, M.C. Cochin
8/6/96

Note. The office has been asked to explain
the delay. The explanation will be
submitted on receipt.

Done this substance
of the above to J
S. K. Cochin
J. Cochin

9/6

Sup. please see this done
after dispatch S.K.
11/6.

Re disposal of the Cochrane
 Bearing apparatus

FOR ORDERS.

1377m.

H.M.

(From order)

Cp

974m.

Let Office
 Please for copy
 Register the
 1864

The British Engineer
 with regard to the disposal of the
 bearing apparatus are
 approved. It is thought
 better to send out the
 same without delay.

1864
 1864
 1864

The Office has been advised
 that the bearing apparatus
 is not required.

slit 1864

nd
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 se
 ooks

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

189.

READ AGAIN G.O., No.
 189.

DATE

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.