[L. & M.
9,000-8-8-96.]

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.

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(91) despd 9/6.

Telegram to

Fort - St. George.

Sanitary Engineer to Govt.

Your proposals regarding disposal Cochin boring apparatus approved. Take immediate steps to carry out trans-shipment. Order follows.

(Sd.) by A. S.

NOTE FOR THE A. S. V.E

I put up a telegram for signature if approved.

128
9/6/96

The order may now go to Madras for fair copy & despatch

9.6.96

Keep a half margin copy, file & despatch the telegram the book also. Buf. do at on the telegram 128 9/6/9

Telegram despd herewith half margin copy. 9/6

S.E./6. 25-2-96—1,000.

No. 1433

Government of Madras.

Office of Sanitary Engineer,

Fort St. George, 8th May 1896.

13/5/96

From

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

Sanitary Engineer to Government,

To

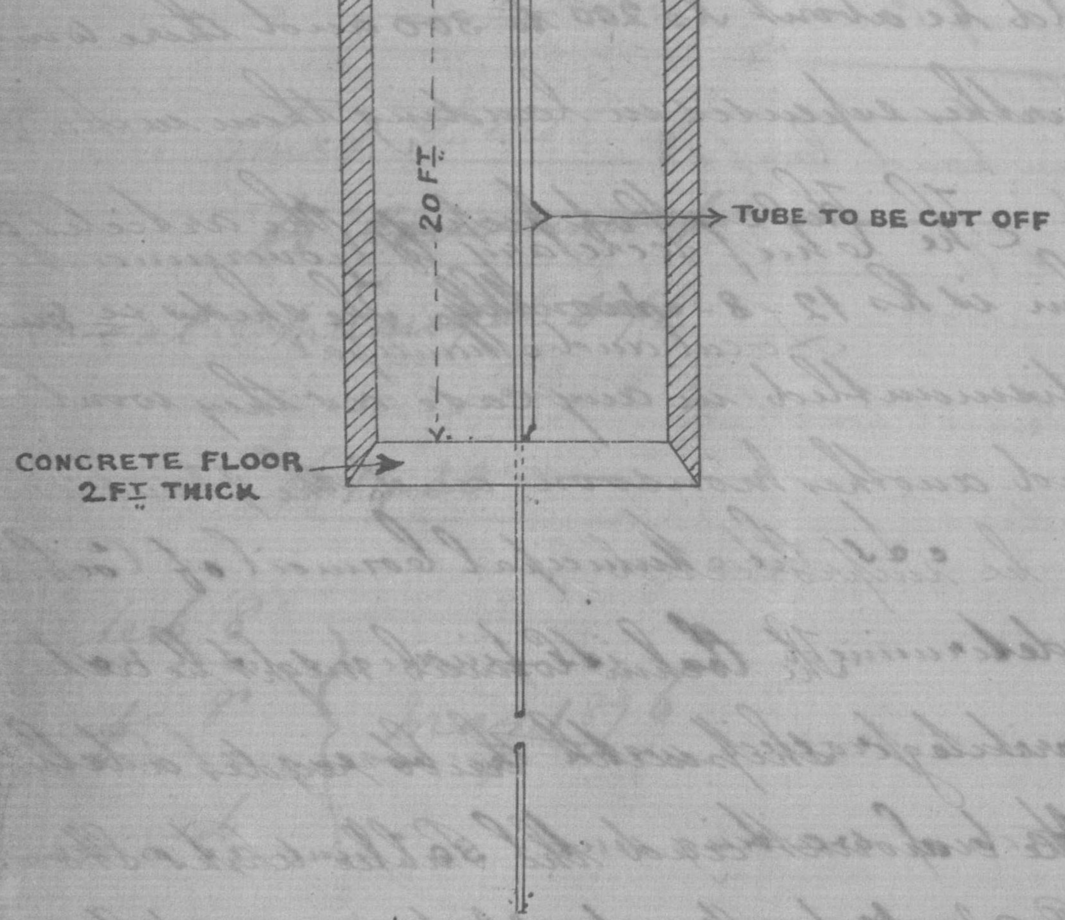
The Chief Secretary to Government
Local and Municipal Department

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 30th June as ordered by G.O., No. 65 M., of 11th January 1896 to report on the matter, I have now the honor to make proposals in regard to the apparatus &c.

2. 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 steining 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 × 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 Navigatio 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 mus be dismantled in any case as they wont 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 artic and store them till again required by this or any other department.

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

Sanitary Engineer to Govt.

Local & Municipal Dept.
1896

65 L 11-1-96 RC
373 ... 96
392 L 7-3-96
1628 W3 ... 94 RC

From

The Sanitary Engineer
to Government

To

The Chief Secretary
to Government
Local & Municipal Dept.

No. 1433

Dated 8th
Despd 8th } May 1896
Received } 9 MAY [illegible]

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 ~~are~~ is not necessary to be sent to Madras.

	Rs	A	P
2 Sheds &c 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 Armed Chairs	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 Irool wood	1	4	"
2 Lamps	1	"	"
10 Rope travellers	7	"	"
Old ropes	"	8	"
Shear legs	25	"	"
Total Rupees	64	1	"

Sanitary Engineer to Govt.

A

Enclosure to letter No. 1433 of 1896

Memo of Materials to be disposed which it is not necessary to send to Madras.

B Cochin Artisian well Boring B.

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

1 Brace iron smith
2 Bits for do sunck rose
2 —— " ———— Rimer ½ round
2 —— " ———— " — Square
1 Brace Racket 12"
1 Post for do
1 Set drills for do: ¼ to 1 inch 8 sizes
1 Stock drills
1 Bow drill for do: with gut band and Reel
1 Plate breast for do:
1 Set drills steel do: (5 in number)
1 Calliper steel 6"
1 Chisel hand cold 8" x ¾"
1 —— " ———— V or engraving
1 —— " ———— Cross cut 7"
1 Chisel Rot hot
1 —— " ——— cold
1 Compass Wing ———— 10"
1 Drivers' screw ———— 14"
2 Files flat Basd ———— 14"
2 —— Do —— Do ———— 10"
2 —— Do —— Do ———— 11"
2 —— Do —— Do ½ round 14"
1 —— Do —— Do ———— 12"
1 —— Do —— Do ———— 8"
1 —— Do —— Do round — 10"
1 —— Do —— Do ———— 8"
1 —— Do —— Do ½ Rd. 2d. cut 8"
1 Safe Edge ———— 6"
1 Do ½ Round smooth —— 6"
1 Square smooth ———— 6"
1 —— Do —— Do ———— 4"
1 Hammer sledge 10 lbs with handle (loose not fitted)
1 — Do —— 7 lbs —— "
1 — Do —— Fitters 24 oz. handled
1 — Do —— Do — 8 — Do —.
1 — Do — smiths hand 3 lbs
1 — Do —— Do —— 2 lbs

4 Handles File midling
3 — do — do — small
1 Punches centre
1 — do — Round 1/2" x 10" long
1 — do — do — 7/16 x 4 "
1 — do — Smiths Hot 3/8"
1 — do — do — 1/2"
1 Rule common — 2 feet
1 Saw frame Row 10" complete with spare blade
1 Scriber
1 Tons smith's Forebit
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 3/4"
1 — do — do — 1"
1 — do — do — 1 3/8"
1 Chisel carpenter firmer 1 5/8"
1 Gouges — 1 1/2"
1 Screw wrench — 12"
1 Vices standing 70 lbs
1 Coil rope hemp tarred 3 1/2"
1 Block iron galvanized 3 1/2" Rope single
1 — do — do — 3 1/2" — " — double
1 — do — do — 3 1/2" — " — trible
13 Iron clamps for rod

Boring tools &c

2 Spare C. I. bush guides
3 shoes for try pot
2 1 3/4 Lifting dogs with catch
1 W. I Bracket and frame fitted with sheu pulley
3 1 1/4 Hand dogs
1 Strong spring hooks
1 Strong rigger carriage
1 T chisel for fixing in jumper

1 20 feet Iron chain 1/4"
1 Wooden clip with hinge & catch fitted with C. I. guide in centre
2 4" play auger with guides
1 1 3/4 Swivel rod.
1 T. Chisel
1 6" Sand Pump
1 C. I 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 1/2" galvanized wire rope with thimbles each end & hooks
1 Iron socket for pipe.
1 Iron Monkey
1 W. I. Large clamp
1 — " — 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. I Rest box
2 Spanners
1 Sqr piece for do (note made)
14 Bolts of different sizes
1 5/8" Rod
1 Wire Rope purchased in Cochin
2 Handles for small winch
1 Canvas bucket with iron work complete
2 Cast iron sheave for snap pulley
1 Strong W. I Tiller for boring rods (made in Cochin)
10 Coils wire Rope thin 1/4"
22 1/2" Bolts and nuts
3 Shackles
1 Box containing books & stationeryes X
1 Magnifying glass }
1 Magnet } in the above mentioned box X

8	10 feet length of 8" flush screwed bore pipes
25	10 – Do — Do — 1¾" boring rods with female screws & male screws in one end
1	20" Rigger and Carriage
1	Loose W. I Jumper Bar
1	— " — Crab winch single purchase with brake and extra large drum for wire rope
1	— " — " double purchase with brake & 90 ft ½" chain & hooks & lifting hooks
1	Iron shaft
1	C. I. Bearing
1	Anvil 2½ cwts
1	Chain iron 5/8" R feet 60
1	Box containing section boards X
2	Wooden clamps with bolts and nuts complete
1	Pipe puller

H Jones

Sanitary Engineer to Govt

Enclosure No 2 to letter No. 1433 of 1896

Cochin Artesian well Boring

List of apparatus, tools &c in Serviceable condition to be forwarded to Madras

2/1377 M of 96

Again G.O., dated 11 January 1896, No. 65 M.
Current No. 1377 M. 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. 392 M. dated 7th March 1896, the Chairman reported that the Council was unable for want of funds to continue the boring operations at its own cost. In his letter read above, the Sanitary Engineer submits proposals for the disp

in
to

disposal of the apparatus.

S.A. 23.5.96

As the boring at Cochin has definitely been given up, as the San. Engr. reports that the sheds, 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 ~~so~~ approved, & the ~~re~~ transhipment ordered to be carried out at once before the monsoon begins. ~~W.O.~~

WS

WWD 25-5-96

I am afraid that it is rather late for this.

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

WS 8/6/96

Are action should be taken of the delay, which may result in considerable inconvenience & loss

WS 8/6/96

E

C.S.

Order. No. 974 Mun. dy 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.

(from orders)

WWD 9.6.96

WS 9/6/96.

To San. Engr. SP+O

To Chairman, M.C., Cochin SPO

Despd. 15/6/96

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

Issue the substance of this [illegible] to S. & K. [illegible] as follows

WO 8/6

Desp please send this issue after despatch Sh 1/6.

Re disposal of the Cochin Boring Apparatus

FOR ORDERS.

1377 M.

H.M.

(Memorandum)

974 M.

When given for copying
When copied
When examined
When signed
189 .

READ AGAIN G.O., No. DATED
189 ,

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.