

(1) Number of pages _____

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MADRAS RECORD OFFICE.**Government of Madras.****Police DEPARTMENT.**

G.O. No. 1262	Press. Mis.
Dated 21 5 1871.	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th May 1871.*

No 128. Read the following letter from the Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Public Works Department, dated Madras, 25th April 1871, No. 14 —

I HAVE the honour to submit plans and an estimate, amounting to Rupees 15,000, together with other usual documents and the letter noted in the margin, relating to the 2nd Range of distribution works under the 7th Section of the Main Canal.

From Agent, No 158, dated 3rd April 1871.
6 Plans
6 Estimates

The channels five in number, and whose courses are shown on drawing No. C10, are—

	Length M Chs.
Canaba main channel	8 6
Braminapilly branch	2 74
Canabole main	2 20
" branch	0 49
Sombarum channel	0 53
Total	14 72

2. The land to be irrigated is 10,000 acres, lying to the south of the Nundial tank and on the right bank of the Main Canal, from the 106th to 111th mile, and no existing irrigation works are interfered with; but the large tank called Canaba can, if necessary, be filled from one of the Company's channels.

	RS.
3. The particulars of the estimate are—	
Three irrigation sluices in Main Canal	2,180
Channel earthwork	5,875
Do. masonry work	3,195
Subsidiary channels, at 6 Annas an acre	3,750
Total	15,000

Total Rupees 15,000 for the distribution works of 10,000 acres, being an average of Rupees 1-8-0 per acre, which compares very favourably with all similar works along the canal.

4. The masonry works, which are simple in character and few in number, do not call for remark or explanation; they are—

- 13 Road culverts.
- 8 Overflows.
- 1 Masonry dam.

5. The rates are—
Rubble masonry ... Rupees 4 to 5 per cubic yard.
Earthwork ... 12 Cubic yards per rupee.

6. The discharge of the channels varies from 2½ to 4 cubic yards per hour per acre as approved of by Government.

7. Everything necessary appears to be provided for, and I recommend the estimates for sanction.

Govt. of {1871} Madras.

PUBLIC WORKS.

To

THE CHIEF ENGINEER FOR IRRIGATION

&c., &c., &c.

Dated May 8th

Recd

Encl

G O, 8th May 1871, No 1,262

LIAY.

Nos. 128-129

Distribution Works — The estimates of Rupees 15,000 for the distribution works in the 2nd Range of the 7th Section of the Madras Irrigation and Canal Company's Canal, sanctioned with observations.

From Agent N: 152-384
6 plans
6 estimates
13

Consulting Engineer's office
Irrigation and Canal Company
Madras, 25 April 71
N: 14
To
Colonel J. C. P. P. P.
Chief Engineer
Secretary to Government
Public Works Department

Have the honor to submit plans and estimate amounting to Rupees 15,000 together with other usual documents and the letter notes in the margin, relating to the 2nd range of distribution works under the 7th Section of the Main Canal.

The channels given in number and whose courses are shown on drawing N: 610 are:

	Length
Canals Main channel	178 - 6
Pragmappilly branch	2 - 74
Chabole Main	2 - 20
Prangh	" - 49
Sombaram channel	" - 53
Total miles	14 - 72

2. The land to be irrigated is 10,000 acres lying to the south of the Mundial Land and on the right bank of the Main Canal from the 106

to 11 1/2 mile and no existing irrigation works are interfered with but the large tanks called Canals can if necessary be filled from one of the Company's channels:-

3. The particulars of the estimate are:-

3 irrigation sluices in Main Canal	Rs: 2100
Channel earthwork	5875
under masonry work	3195
Subsidiary channels @ 6 annas an acre	3750
	<u>15000</u>

Total Rupees 15000 for the distribution works of 10000 acres being an average of Rupees 1-0-0 per acre which compares very favorably with all similar works along the Canal.

The masonry works which are simple in character and few in number do not call for remark or explanation - they are:-

13 road culverts
8 overflows
1 masonry dam

5. The rates are:-

Publicly masonry Rs: 4 to 5 a cub yard.
Earthwork 12 cub yards per acre.

6. The discharge of the channels varies from 2 1/2 to 4 cubic yards per hour per acre as approved of by Government.

7. Everything necessary appears to be provided for and I recommend the estimates for

for sanction:-

7/2

Have the honor to be,
Sir,
Yours most obedient servant,

W. G. M. S. Co. Ltd.
C. G. M. S. Co. Ltd.

No 1262 P.H.D. 98
 Proceedings of the Madras Government
 Read the following
 From
 The Comptroller, H. & C. Co. (H. E. & Co. 148 25 April 1911)

The Government
 sanction the estimates
 of Rs 15,000 for the distri-
 bution works in the
 2nd Range of the 7th
 section of the Madras
 Irrigation and Canal
 Company's Canal.
 The area to be
 irrigated by the proposed
 works is 10,000^{acres} and the
 cost of distribution there-
 fore averages Rs 1.8 per
 acre which seems a very

Ch. Engineer suggests favorable rate.
 The Comptroller, H. & C. Co.
 Agent & Manager H. & C. Co.
 Dated 9/5/11

No 1262 P.H.D. 98
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