Public Works (1899) Department.

G.O., No. 753 W

Dated 11th March 1899.

[Despatch Abstract.]

European Sluices

Re local purchase of the Steel bailing required for the Temporary Water Works, Sanctioned.

B.

Indexed. WP

[P. W. 2 / 1,000—7-1-99.]

BACK PAPERS.

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

FURTHER PAPERS.

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

Public Works (1899) Department.

CURRENT No. 1932

B/

From The Supg. Engineer 5th Circle

Order No: 753 W&H 1-8-99

The local purchase of the paling is sanctioned.

AEK 4-3-99

Asst 6/3/99

No. 1424

Dated 1st March 1899.

Received

Registered 4-3-99

Enclosures 4

Spare copies

SUBJECT.

Paling

To

The Supts. Engr. IV Circle

" Examr, P.W. Accts with statement for note & return.

Reports that the cost of the — is not known

D 13/3/99

DW/W

BACK PAPERS.

No.	Date.
905-e	10-2-99.
& file.	

FURTHER PAPERS.

No.	Date.

Public W

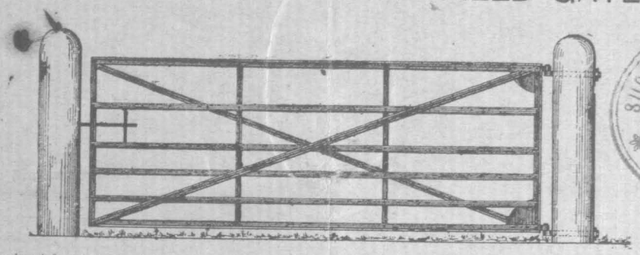
BURN & CO., LD., CALCUTTA AND HOWRAH.

E "LOCHRIN" UNCLIMBABLE STEEL PALING.

ENGINEER'S OFFICE
No. 974
- JAN 99
CIRCLE

BURN & CO., LD., CALCUTTA & HOWRAH.

STRONG WROUGHT-IRON FIELD GATE.



SUPERINTENDING ENGIN
No. 1/1974
13 FEB. 1899
V. CIRCLE, P. W. S., K. [illegible]

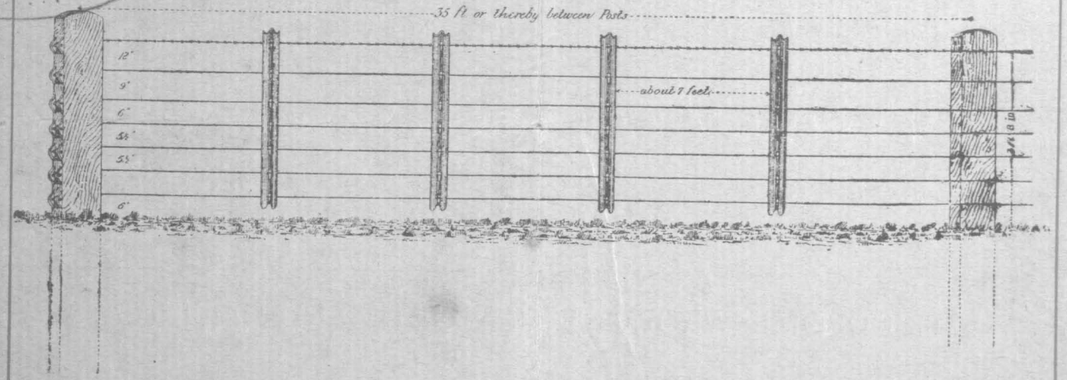
Price, 9 ft. wide by 4 ft. high, including Mountings, Rs. 30. Pillars for Stone, Rs. 25 per pair. Underground Bases Rs. 13 extra per pair.

Price of gate, 4 ft. wide, Rs. 25. Pillars for Stone, Rs. 20 per pair. Underground Bases, Rs. 18 extra per pair.

SUPERINTENDING ENGINEER'S OFFICE
No. 2/1974
23 FEB. 1899
CIRCLE P. W. S.

THE "LOCHRIN"

PATENT COLONIAL BARB FENCING.



The success of the patent v shape Droppers has suggested the employment of STEEL STANDARDS of the same form. The advantage of these is that WIRES DO NOT REQUIRE TO BE THREADED THROUGH HOLES, thereby rendering them specially suitable for using with Barb Strand. By widening the distance between the Standards, and introducing one or more Droppers in each space, the cost of the Fence is diminished. The STANDARDS ARE MADE AS LIGHT AS POSSIBLE, as in CONNECTION WITH BARB STRAND they are not subject to be rubbed or pressed against. THE STRAINING POSTS may be of wood, fitted with Winders for tightening the wires, and should be placed about 150 yards apart.

PRICE OF STEEL STANDARDS.

LENGTH ..	4 ft. 6 in.	4 ft. 9 in.	5 ft.	5 ft. 3 in.	5 ft. 6 in.	5 ft. 9in.	6 ft.	
Re. ..	0-10	0-11	0-12	0-14	1-0	1-2	1-4	each.

Wedges for fastening Wires to Standards, Re. 1 per 100.

BACK PAPERS.

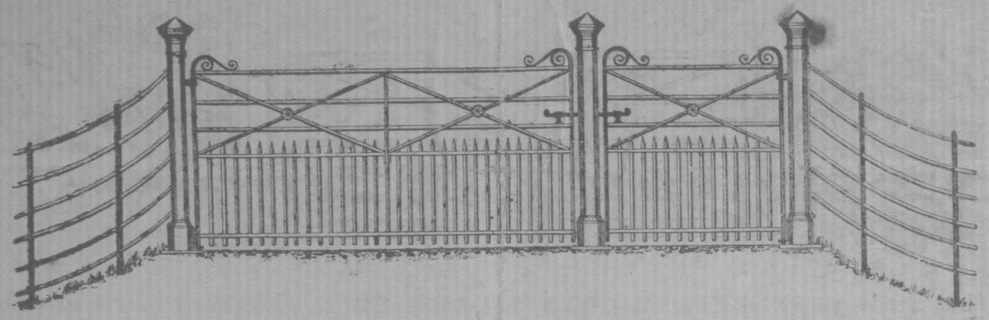
No.	Date.
905-C	10-2-99.

FURTHER PAPERS.

No.	Date.

BURN & CO., LD., CALCUTTA & HOWRAH.

CARRIAGE AND WICKET GATE.



CARRIAGE GATE, 9 ft. wide by 4 ft. high. Price, Rs. **95**. WICKET, 4 ft. by 4 ft. Price, Rs. **45**.
CAST-IRON PILLARS for Stone Blocks. Price, Rs. **25** each.

The Standards of this Fencing are made of Flat Iron with solidly-welded Double Prongs.

ESTIMATES, *with Top Bar Round, others Flat.*

No. 1.—Fence, 3 ft. 6 in. high, with five Bars; top, $\frac{5}{8}$ in. diameter; others, 1 in. by $\frac{1}{4}$ in. flat. Standards, 3 ft. apart; the Joiners of $1\frac{1}{4}$ in. by $\frac{3}{16}$ in. Iron; and the Intermediates, $1\frac{1}{4}$ in. by $\frac{1}{4}$ in. Price, Re. **1-12** per yard.

No. 2.—Fence, same as No. 1, but 3 ft. 9 in. high, and with all the Standards of $1\frac{1}{4}$ in. by $\frac{3}{16}$ in. Iron. Price, Rs. **2-4** per yard.

No. 3.—Fence, 4 ft. high, with six Bars; top, $\frac{3}{4}$ in. diameter; others 1 in. by $\frac{1}{4}$ in. flat. Standards, 3 ft. apart; the Joiners of $1\frac{3}{4}$ in. by $\frac{3}{8}$ in. Iron; and the Intermediates, $1\frac{1}{2}$ in. by $\frac{3}{8}$ in. Price, Rs. **2-12** per yard.

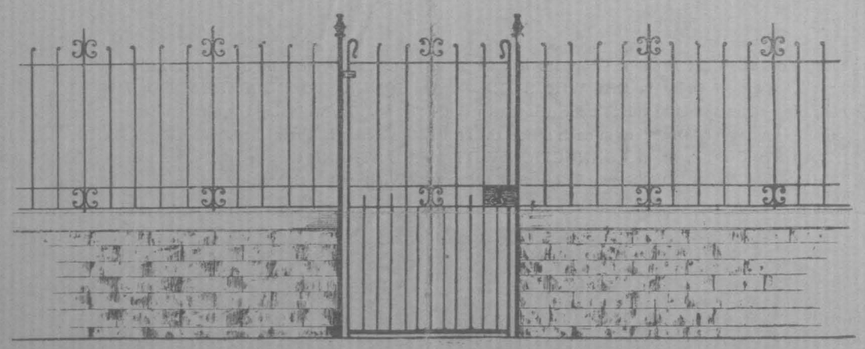
ESTIMATES, *with all the Horizontal Bars of Round Iron*

No. 4.—Fence, 3 ft. 6 in. high, five Bars; top, $\frac{5}{8}$ in. diameter; others, $\frac{1}{2}$ in. diameter. Standards, 3 ft. apart; the Joiners of $1\frac{1}{2}$ in. by $\frac{1}{16}$ in. Iron; and the Intermediates, $1\frac{1}{4}$ in. by $\frac{1}{4}$ in. Price, Re. **1-12** per yard.

No. 5.—Fence, 3 ft. 9 in. high, with five Bars, all $\frac{5}{8}$ in. diameter. Standards, 3 ft. 9 in. apart; the Joiners of $1\frac{1}{2}$ in. by $\frac{3}{8}$ in.; and the Intermediates, $1\frac{1}{2}$ in. by $\frac{1}{16}$ in. Price, Rs. **2-8** per yard.

No. 6.—Fence, 4 ft. high, with six Bars; top, $\frac{3}{4}$ in. diameter; others, $\frac{5}{8}$ in. diameter. Standards, 3 ft. 9 in. apart; the Joiners of $1\frac{3}{4}$ in. by $\frac{3}{8}$ in. Iron; and the Intermediates, $1\frac{1}{2}$ in. by $\frac{3}{8}$ in. Price, Rs. **3-0** per yard.

HANDSOME WROUGHT-IRON GATE AND RAILING.

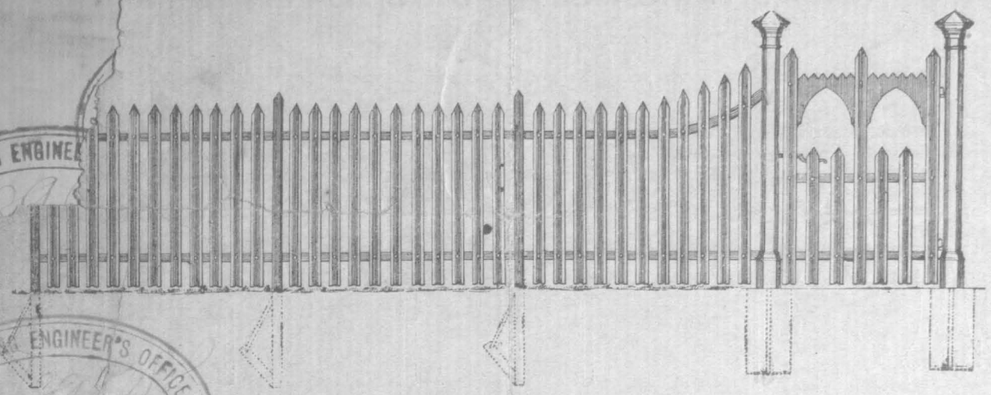


The above is a simple and neat design of Gate and Railing suitable for enclosing Squares, Parks, and Houses,

Prices and particulars on application.

BURN & CO., LD., CALCUTTA AND HOWRAH.

.E "LOCHRIN" UNCLIMBABLE STEEL PALING.



EXTENDING ENGINEER
No.
EXTENDING ENGINEER'S OFFICE
23 FEB 1899
CIRCLE MADRAS.

An Elegant and Substantial Enclosure for

APPROACHES, PUBLIC PARKS, ROAD-SIDE BOUNDARIES, RAILWAY STATIONS, &C.

This Paling is in great favour with Engineers and Architects on account of its general excellence and suitability for all situations where strength and durability are desired. It is more impassable than iron railings of the ordinary type, and having regard to strength, costs less. In fixing skilled labour is not required, for all the parts bolt readily together—the upright Steel Spars, to the angle-iron Horizontal Bars, and these in turn to the Joining Standards. For convenience of transport, Spars, Bars and Standards are packed separately in close bundles, all nicely oiled to prevent rust. Shipment can be effected at dead-weight rates.

PRICE OF PALING PER YARD.

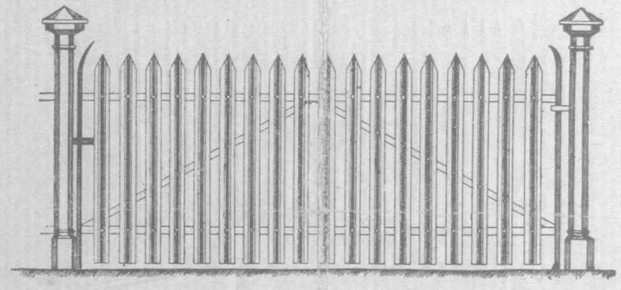
Height in feet	..	..	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	7'-0"
Price per yard	..	.. Rs.	6-0	6-8	7-0	7-8	8-0	9-0

WICKET GATE.

GATES, 3 ft. wide by 4 ft. 6 in. high, Rs. 32-8. LOCK, Rs. 7-7 extra. CAST-IRON PILLARS, $3\frac{1}{2}$ in. diameter with self-fixing Bases, Rs. 35 per pair.

CARRIAGE AND ENTRANCE GATES.

LIGHT and CHEAP.



STRONG and DURABLE.

Single Gate, 9 ft. wide, 4 ft. high	.. Rs. 45 ; Pillars for Stone, Rs. 25 per pair ; with Heavy Underground Bases, Rs. 45					
Double-Leafed Gate, 12 ft. wide, 4 ft. high	,, 80	,,	,, 25	,,	,,	,, 60
,, ,, 12 ,, 6 ,,	,, 90	,,	,, 25	,,	,,	,, 75
Wicket Gate, 3 ft. wide, 4 ft. high ..	,, 30	,,	,, 25	,,	,,	,, 30

LOCK, Rs. 7-8 extra.

Out 17325
REGD 20 FEB 99

BACK PAPERS.

No.	Date.

FURTHER PA

S.

No.	

Copy of letter from H. A. Moss Esquire, General Superintendent, P. W. Stores, to the Supty. Engineer, 5 circle, No. 299 S. dated 21st February 1899:—

With reference to your No. 62 P. W. S. / c
I have the honour to report that the cost of the paling if obtained through the India office is not known in this office, no such paling has been hitherto received.

—

No 1424

To the Chief Engineer, P. W. Department,

Enclosure: 1
1. No. 905 E. / 10.2.99. with reference to his No. 905 E. dated 10th February 1899 herewith returned.

A Lyons
1/3/99 Colonel R.E.
Supg. Engineer 5 circle

AB
27.2.99