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270/95

Gates & Fences Quay St.
1921-1923

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FILE NO. 765.

GATES AND FENCES QUAY STREET.

CONTRACT NO. 689

765

AUCKLAND HARBOUR BOARD.
GATES ON WHARVES.

Tenders will be received at this Office until noon of TUESDAY, March 7, 1922, for the Supply of Wrought Iron Gates and Fencing.

Specifications, Drawings, and Conditions of Contract may be seen at the Office of the Board's Engineer, Quay Street, or at the Office of the Board's London Agents, Messrs. W. and A. McArthur, Ltd., 18 and 19, Silk Street, Cripplegate, London, E.C.2.

Tenders must be addressed to the Chairman and endorsed on envelope "Tender for Gates and Fencing."

The lowest or any Tender not necessarily accepted.

By order. H. B. BURNETT.
Secretary.

Secretary's Office,
October 3, 1921.

17th September 1921

The Chairman,

A. H. B.

GATES & FENCES QUAY STREET
Board's Resolution of 13th September 1921

The original gates and fences were supplied by tender by Messrs. Wragge Ltd. of Manchester.

When extensions of the fence were required three English tenders were received, Messrs. Wragge Ltd. were again the lowest and were recommended for acceptance.

This matter was deferred, and to avoid a very great waste of time I recommend that you cable for Messrs. Wragge's present price for exactly the same proposition, and if satisfactory, that you accept it.

Plans and specifications were forwarded to our London Agents and Messrs. Wragge Ltd., and if you still decide to advertise this could be done at once, as plans will also be available at this office.

(Previous gates, see file 523)

ENGINEER TO THE BOARD.

572
165



Auckland Harbour Board

MEMORANDUM

Auckland, N.Z.

29th. September, 1921

From

The Secretary

To

THE ENGINEER,

A.H.B.

9149

GATES & FENCES, QUAY STREET.

Re your memo of 17th. inst., the matter of calling tenders was considered by the Board in Committee at the meeting on Tuesday last and it was decided to obtain the opinion of the Board's Solicitors before agreeing to your proposal. Mr. Russell states that the lapse of time since tenders were last called is too great and that, in his opinion, fresh tenders should be called. The Chairman therefore instructs accordingly.

HBE/MJB.

Please let
arrived let
me know date
by which they are
the returned
W. H. H.

W. H. H.
Secretary
30/9/21
The enclosed is of March 22
at 10/11/21
HBB

3rd October 1921

The Secretary,

A. H. B.

GATES & FENCES

I find that on the 29th September 1916 I sent one set of drawings, 10 specifications, and 20 tender forms to you for our London Agents, and none of these were returned.

They should therefore at least have the drawings and one specification available at their office.

It would probably be well to ask our Agents if they have the prints, or if they were mislaid after 1916 we will have to send another set.

I enclose herewith a dozen tender forms for our Agents for new quotations.

ENGINEER TO THE BOARD.

For Engineer's file

COPY OF CABLE MESSAGE BETWEEN MESSRS. W. & A. MC ARTHUR LTD.
LONDON. and AUCKLAND HARBOUR BOARD. Dated London 3/10/21

TALORA

AUCKLAND.

ZMIZY/NHYYN

As per your telegram of 1st. inst.
Drawings

BOUTA/YIBTY

They are
Still in our possession.

21st March 1922

The Chairman,
A. H. B.

CONTRACT NO.689 TENDERS FOR GATES & FENCES

Tenders for Gates & Fences received were as follows:-

Firm	Tender Price on wf.Auckland. Duty Paid	Time Delivery at wharf Auckland	Remarks
X (1) Jas.Allen Senr.& Son Ltd.	£6850	6 to 8 months	<i>Successful</i>
(2) Geo.Wragge	£8843-3-6	9 "	<i>Consider duty, faster to be pay half duty</i>
(3) Wm.Hayward & Sons	£8960	First in 3 to 4 balance 6 to 7 months	
(4) Humphreys Jackson & Ambler	£9000	6 to 7 months	
(5) Bayliss, Jones & Bayliss (R.McCabe)	£9800	10 to 11 "	Payment in London. Strikes etc.
(6) Bromsgrove Guild	£9980	12 "	
(7) H.H.Martyn	£10990	9 "	Extra for 2 additional horizontal bars in railing
(8) Hill & Smith	£11986	8 "	Payment 50% against shipping
(9) Birmingham Guild Ltd.	a £11594-4-10 b £11871-16-8.	8 " " "	Subject to thier conditions of tender
(10) Faulkner (Dunedin)	£11978	12 to 14"	Erected at Auckland £850 more
(11) Musgrave & Coy.	£12338	6 "	
(12) Strobe & Co. (London)	£17264	6 "	Payments against shipping documents cannot agree to our conditions

I recommend acceptance of the tender of Messrs. Jas.Allen Senr. & Son Ltd. of Glasgow.

This is practically the same rate as the 1912 contract. Messrs.G.Wragge Ltd.,who built the existing gates and fences, are second on the list, but £2000 higher

ENGINEER TO THE BOARD

18th March 1922

CONTRACT NO.689 Tenders for Gates & Fences

(1) Jas.Allen Senr.& Son Ltd.	<i>I</i> ⁷⁴⁷⁵ £6350 - 0 - 0
(2) Geo.Wragge	£8848- 3- 6
(3) Wm.Hayward & Sons	£8960- 0- 0
(4) Humphreys,Jackson & Ambler	£9000- 0- 0
(5) Bayliss, Jones & Bayliss (R.McCabe)	£9800- 0- 0
(6) Bromsgrove Guild	£9980- 0- 0
(7) H.H.Martyn	£10990- 0- 0
(8) Hill & Smith	£11986- 0- 0
(9) Birmingham Guild Ltd.	(a) £11594- 4- 10 (b) £11871- 16- 8
(10) Falkner (Dunedin)	£11978- 0- 0
(11) Musgrave & Co.	£12338- 0- 0
(12) Strode & Co (London)	£17264- 0- 0

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75

Gates & Tances.

Copy of cable message between Auckland Harbour Board and
W. & A. Mc Arthur Ltd. London, ---- Auckland 22nd. March, 1922.

To Talora
London.

HOVNY/WEOIF	Contract No. 689
ZONIZ/ ALLAN	Have accepted the tender of Messrs. Jas. Allan Senr. & Sons Ltd.
YFOZA/ZKEOI	Glasgow For the sum of
IPLUI/IPFMO	£6000) £850 (<u>£6850</u>
HYJYS/OCZOY	Cost, freight, insurance Exchange
NOBYJ/YEODF	Duty paid Auckland
ZHUJV/MALWE	As per specification Delivery
USGDI/ZOZBO	6 months to
USGIN/ATAVN	8 months Advise them immediately.

*Cont to Commence
18th May
See Mr. A's letter
1/6/22
F 424*

All tenders sent to Secretary 24/3/22

COPY.

James Allan, Sen & Son Ltd.
Elmbank Foundry
Glasgow.

Successful

Monday,
9th
January,
1922.

AUCKLAND HARBOUR BOARD.

TENDER.

FOR CONTRACT NO 689.

For Supply and delivery of Mild Steel or Iron Gates and Fences
Quay Street, Auckland.

SPECIFICATION "A".

Ironwork for Gates and Fencing to Quay Street 948'7"
long from centre of existing post marked T at left hand end to
centre of post marked Q at right hand corner, with return stretch
to Kings Wharf Approach about 113'0" long from centre of post
marked Q to Quay Wall; comprising:-

- 4 Posts with backstays and lanterns, for Railway Gates,
- 13 do do do Roadway " and fence
- 1 set of double-leaf Railway Gates, 37'4½" wide centres of posts.
- 1 do do do 36'8" do
- 4 do Roadway Gates 21'1" do
- 2 do do 26'2" do

1 Single leaf Pedestrian Gate 4'6" wide between pilasters
About 804 Ft of Fencing (measured between centre of posts)
including 42 pilasters 1'6" wide, as follows:-

		No. of Bays	Width between pilasters
1 Stretch	241'6" between posts with 11 pilasters	10	22'4½"
1 Do	58'2½"	3	26'4½"
1 (about)	35'9"	3	15'1½"
1 Stretch	50'0"	3	22'3"
1 Do	48'6½"	3	21'6½"
1 (about)	35'0"	3	14'9"
1 Stretch	52'11"	3	23'8½"
1 (about)	160'10"	7	24'10½"
1 (about)	106'0" between post and pedestrian gate with 6 pilasters including 2 for gate.	4	24'6"

Total about 788'9" between posts including 42 pilasters 32 718'9"

AVERAGE- 22'5½"

All in accordance with A. H. B. drawings marked A, 368 (sheets 1 to 4).

Tender form attached for £ 6550

6 to 8 months

C O P Y.

George Wragge Ltd,
Wardry Works
152 - 156 Chapel Street. Salford
MANCHESTER.

9th January 1922.

The Chairman of the Auckland Harbour Board.
AUCKLAND,
NEW ZEALAND.

Dear Sir,

WROT AND CAST IRON GATES AND RAILINGS,
PIERS AND LAMPS, ALL AS PREVIOUSLY SUPPLIED.

CENTRAL AND NORTHERN WHARVES.

ITEM. SCHEME "A"

A.	2 Pairs of Railway Gates each about 33'0" x 8'0" high, fitted with gunmetal lock and sham, malleable iron ring drop handles, iron hangers, bushed with gunmetal, bolt stop box, cast iron shield, and monogram on one side of gate only, brace bars both sides of gatesper pair 420/0/0	£840.0.0
B.	4 Pairs of Roadway Gates for 19'0" opening x 8'0" high fitted as last, but exclusive of shield and monogram, and without panels at meeting rail.per pair 160/0/0	642.0.0
C.	2 Pairs ditto 23'6" opening	185/10/0 371.0.0
D.	6 Wrot and Cast Piers for 33'0" Gate entrances, piers 11'0" high x 2'8" square on plan, with 2 back stays, corner posts to be 3½" x 3½". Each pier surmounted by one cast malleable iron lamp, prepared for glazing with, and including polished plate glass, one side of lamp arranged to open for cleaning etc prepared for, but exclusive of any electric lamps, holders, wire, or wiring.....each @ 254/0/0	1584.0.0
E.	4 Piers as before but corner posts 2½" x 2½" and lamps to have lettering "in and Out" backed by white opal glass (these piers are for the 19'0" wide gates) and	
F.	7 exactly as above, but no lettering on lamp, each @ 241/10/0	2656.10.0
G.	1 single Gate 8'0" high x 4'0" wide for extreme corner of wharf (Kings Wharf approach) £31/13/0	31.13.0
H.	804 lineal feet of fencing exactly as that previously supplied consisting of :- 38 Panels for Railing each 1'6" wide (i.e. 57 lineal feet with stays at back. each at 28/11/6	1085.17.0
J.	249 lineal yards (747 lineal feet) of Wrot Iron Railing only, no panels or stays etc. 1" x 1" uprights and 4 only cross rails each 2½" x ½"per yard 6/11/6	1637.6.6
		<hr/> 8848.3.6 <hr/>

Not Successful

George Wragge Ltd (Continued)

ITEM SCHEME "A"

Your Blue Print No A.368 (sheet) 1 shows the railing as having 6 cross rails, and if same is made in this way, this will entail an extra on the above price of

K. 249 lineal yards @ per yard 1/1/9 £270.15. 9

THESE PRICES include painting the whole ironwork 2 coats lead and oil paint here, packing in crates and delivery on the Wharf, Auckland, Duty and Insurance paid.

This estimate includes the duty arrived at by adding 10% to the value of the goods at our works, and the duty assessed at 20% Customs and 1% primage.

The work will be packed in open timber, or crates as we may consider necessary sufficient to protect the material during transit, as was done in connection with the last Contract.

Yours faithfully,
GEORGE WRAGGE LIMITED.

(Sgd) George Evinen.

DIRECTOR.

TERMS: STRICTLY NETT CASH.

Gales & Senece

Copy of Cable Message between Messrs. W. & A. Mc Arthur Ltd.
London & Auckland Harbour Board .. dated London 28.3.22

To Talora
Auckland.

HOVNY/WBOIF	Contract No -- 689
ALIANS	Allans
REURT/YFOZA	From information received from Glasgow
ESYFA/ZORYV	Chamber of Commerce That
NOOFT/RAUEH	No duty to be paid (on --) Have not included
BEZSK/NOBOA	Anything for Duty
RANEV/ZOSAZ	In Their
ZONHY/DERMY	Tender. It will be
TEDKH/ZOSFE	Considerable loss To them
EGLUW/BEXYM	But Anxious
ERACS/HORDF	If possible to carry out Contract
EWLGY/UPENH	Under the circumstances Will you meet
ZOSEA/PLAKA	Them Half
NOBOA/BEESV	Duty And
TEBHA/CWYHO	They will lose Balance.
ZOGYA/HEPHZ	Please telegraph immediately. This is confidence
WOSNO/AJBDO	If offer not accepted On account of
TEERP/WYEA Y	Heavy loss In our opinion
HAJEX/LYCIS	Will be reluctantly compelled to Decline
HORDF	Contract

29th March 1922

The Chairman,
A. H. B.

GATES AND FENCES - Contract No.689

Re our London Agents cable received today stating that Messrs.Jas.Allen Senr. & Son Ltd. of Glasgow had by misdirection of the Glasgow Chamber of Commerce omitted N.Z. duty from their tender, and asking the Board to pay half the duty, they bearing the other half - I calculate that the total duty would be about £1250, of which the Board is asked to pay £625.

Their total tender would then be £7475, which is about £1400 less than the next tender, and I recommend that their offer be accepted.

ENGINEER TO THE BOARD.

Gates & Trench

29/3/22

Specimen No 689.

own Reconstruction of J. Allen & Son's tender to try and arrive at amount of duty

J. Allen & Son tender
for say 120 tons weight

6850

Freight on say 240 tons measurement } £ 720

Insurance 30% on say £7000 105

Packing say 500

Railway carriage from works to ship }
say 120 tons weight @ say 4/3 } 120

1445

1445

Equals value at works Glasgow

5405

Duty 5405 + 10% ad val of 5405

+ 20% = 5945 = 1189

+ 1% premarage on 5945 = 60

£ 1249

Duty say £1250

J. Allen & Son offer half this and ask us to pay the other half = $\frac{1250}{2} = \underline{\underline{625}}$

See Engr's letter to Ch 29/3/22

Opport

29th March 1922

GATES & FENCES - Specification No. 689

Our Reconstruction of J. Allen Senr. & Sons' tender to try and arrive at amount of duty.

Jas. Allen Senr. & Sons tender for say 120 tons <u>weight</u>		£6850
Freight on say 240 tons <u>measurement</u> @ £3	£720	
Insurance 30/- % on say £7000	105	
Packing say	500	
Railway carriage from works to ship) say 120 tons <u>weight</u> at say £1/-)	<u>120</u>	<u>1445</u>
Equals value at works Glasgow		£5405

DUTY 5405 plus 10% ad val £5945
and 20% on £5945 = £1189
and 1% primage on £5945 60
£1249

DUTY say £1250

J. Allen Senr. & Sons offer half this and ask us to pay the other half

$$= \frac{1250}{2} = \underline{\underline{£625}}$$

(See Engineers letter to Chairman 29/3/22)

765

20th March 1922

W. T. Andrews Esq,
11 Ranelagh Villas,
Hove, SUSSEX.

Dear Sir,

GATES & FENCES

Referring to previous letter today, I enclose herewith general photograph of our existing gates and fences, giving an idea where the cast iron ornaments are attached.

Of course the length of the gates will be as shown on our blueprint, which are shorter than the existing ones.

Yours truly,

ENGINEER TO THE BOARD.

for 763 Steel Purvis

10th April 1922

The Chairman

GATES & FENCES

Re additional cart gate near Low Landing.

If the extra 12ft. gateway is to be put in as suggested by the Traffic Manager, I must write Messrs. J. Allen & Co. to supply the additional gate as an extra to their contract, and to adjust the position of the panels as shown on revised plan.

Please let me know for today's fast mail.

ENGINEER TO THE BOARD.

10th April 1922

Messrs. Jas. Allen Senr. & Son Ltd,
Glasgow,
SCOTLAND.

*Blmboak Sandy
12 Royal Rd.*

Dear Sirs,

GATES & FENCES - Contract No. 689

I enclose herewith print of our plan No. A368, part of sheet No. 1, showing that we require an additional post and 12ft. clear gate opening adjoining the 6ft. gate at the extreme end of the fencing at the Kings Wharf approach, shown on Sheet No. 1 of our plan A.368.

This will be an extra to your contract, and will be for post and gate complete with all fastenings.

I have also shown in red the revised position of the intermediate panels on that last length of fencing. This does not involve an extra, but is simply to indicate that the positions of the panels in this fence will need slight revision.

Yours truly,

ENGINEER TO THE BOARD.

10th April 1922

Messrs. Jas. Allen Senr. & Son Ltd,
Elmbank Foundry,
12 Possil Road,
Glasgow, SCOTLAND.

Dear Sirs,

GATES & FENCES - Contract No. 689

Please carefully note the levels of wharf surfaces, which are shown on Sheet 1, Drawing 368A, so that all gates will properly clear the asphalt when they are swung open.

There is a special note regarding levels of wharf surfaces on the above drawing.

Yours truly,

ENGINEER TO THE BOARD.

NEW ZEALAND POST OFFICE TELEGRAPHS.

(If prepaid in stamps, affix stamps in this space.)

Date-stamp of Office of Origin.

A. Code:..... Handed in (Time)..... No. of Message:.....

Instructions:—	Words.	Sent at.....m.	Checked by
VIA PACIFIC.		To.....	
		By.....	
		Ackgt. recd by.....	

This Telegram is presented for transmission by the undersigned subject to the authorized conditions.

CARGES

TO { **KIMBANK**
GLASGOW

based
24/4/22

CENTRE RAILS REQUIRED ON GATES ONLY
NOT ON ORDINARY FENCING

HAMER

NOTE.—When it is not intended or desired that the sender's signature should be telegraphed it must be written on the back of the message.

If this message is intended for transmission at reduced rates—i.e., DEFERRED or WEEK-END CABLE LETTER—the declaration on the back must be signed.

S.L. 31b.

THE PACIFIC CABLE IS STATE-OWNED.

[1,000 pads/9/15—14781

DOMINION OF NEW ZEALAND.

NEW ZEALAND POST AND TELEGRAPH DEPARTMENT.

DECLARATION BY SENDER: DEFERRED OR WEEK-END TELEGRAM.

I, THE UNDERSIGNED, do hereby declare that the text of this Telegram is entirely written in plain language according to the.....language, and that the text of the Telegram bears no other meaning than that which appears on the face thereof.

Signature

Address :

Date :

.....

24th April 1922

Messrs. Jas. Allen Senr. & Son Ltd,
Elmbank Foundry,
12 Possil Road, Glasgow,
SCOTLAND.

Dear Sirs,

CONTRACT NO. 689 - Gates & Fences

I have today cabled you as follows:-

" Centre rails required on gates only, not on ordinary fencing "

Our Drawing, Sheet 1 of A368, shows a double middle rail on the ordinary fencing. This is an error by the draughtsman, and is not required on the ordinary lengths of fencing, but is required on the gates.

Sheet 3 of the same drawing shows the fencing correctly in the bottom left hand corner.

Will you please act in accordance with these instructions.

Yours truly,

ENGINEER TO THE BOARD.

17th May 1922

W.T.Andrews Esq,
11 Ranelagh Villas,
Hove, SUSSEX.

Dear Sir,

.....
GATES & FENCES

Re my previous letter of 20th March.

On April 10th I wrote Messrs.Jas.Allen Senr.& Son Ltd. of Glasgow, the contractor, that we required an additional 12ft. gate in the extreme eastern end of the fences, and forwarded a sketch drawing of same.

If you have undertaken to inspect for us, they will show you the sketch and correspondence.

I also wired them on the 24th April :

"Central rails required on gates only, not on ordinary fencing" and added:

"Our drawing, sheet 1 of A348, shows a double middle rail on the ordinary fencing - this is an error by the draughtsman, and is not required on the ordinary lengths of fencing, but is required on the gates.

Sheet 3 of the same drawing shows the fencing correctly in the bottom left hand corner."

Yours truly,

NEW ZEALAND POST OFFICE TELEGRAPHS.

A. Code:..... Handed in (Time):..... No. of Message:.....

Office of Origin: } Instructions: VIA PACIFIC. <i>Weekend</i>	Words. <i>June 28/1922</i>	Sent at.....m. To..... By..... Ackgt. recd. by.....	Office Stamp. Checked by
--	-------------------------------	--	-------------------------------------

CHARGES ... { TO UNITED KINGDOM .. 3s. per word.
 { TO AUSTRALIA } .. 4½d. "
 (except Tasmania, 5d.)

This Telegram is presented for transmission by the undersigned, subject to the authorised conditions.

TO { *W. T. ANDREWS 3*
11 RANELAGH VILLAS
HOVE SUSSEX

GATE POSTS TO BE SHIPPED COMPLETE

WITH BASES ATTACHED

HAMER

Note.—When it is not intended or desired that the sender's signature should be telegraphed it must be written on the back of the message.
 No. 171.]

(3,000 pads/1/1905—59)

To ensure accuracy, cipher or preconcerted code messages should always be repeated. Repetition fee, one-quarter rate extra.

All numbers should be written in words in full, and not in figures.

136

COPY LETTER FROM JAMES ALLAN SENR. & SON, LTD.

39, Lombard Street,

E.C. 3. April, 25th, 1922.

Messrs. W. & A. McArthur, Ltd.,
18, Silk Street,
E.C. 2.

Dear Sirs,

RAILING - AUCKLAND HARBOUR BOARD.

We have the honour to address you with further reference to the writer's interview with you on Tuesday the 25th April, and beg to place before you the following information.

INSPECTION - We observe your order states "Subject to Inspection by their Inspector", and you might kindly say if this Inspector will be a local inspector residing in Glasgow or district. If so this would be of mutual advantage to us and yourselves as any little detail which is likely to crop up arrangements for the inspection of Patterns and castings could be carried out daily and without loss of time. If periodical inspection visits by an Inspector resident say in London is required, you will readily grasp there must necessarily be delays in fixing up suitable periodical inspection visits, and further create correspondence about confirmation of details and difficulties which may arise in process of manufacture.

P.T.O.

- 2 -

DELIVERY DATE - We wish to make it quite clear that our promise of delivery in 6/8 months at Auckland is only to be taken from the date when we have received all details necessary to put work underway. It is not to be reckoned from date of your order viz.13.4.22, but we will advise you immediately after our fixing order date basing this after our consideration in having sufficient data, drawings and details here to get work underway.

DRAWINGS - On going over drawings Nos.1/4 we find in the meantime doubtful points as under:-

LEVELS - Sheet No.1 - How is the work to be treated to suit the variations in levels? We presume all posts will be the same height as detailed on Sheet No.2, and that gates are required to be level, the position of fixings on posts being arranged to suit. This applies to both Railway Gates and two Roadway Gates at posts G.H.1. We presume railings will be fixed on the rake, to suit gradients, which are very slight.

BACKSTAYS TO POSTS - Sheet No.2. - These would require to be carried into ground, or bottom plate bolted down to foundations

LANTERNS - Sheet No.2. - Material for body of Lanterns is not stated. Is it to be cast iron 3/16" thick?

The centre casting at top of Lantern is evidently 3 1/4"

P.T.O.

and $7\frac{1}{2}$ " diameter, not $6\frac{1}{2}$ " and 1'3" as figured on drawing.

RAILWAY GATES - Sheet No.3 - The figured size 16'4" should be $16'7\frac{1}{4}$ " from centre of pivot to centre of gate to agree with size $33'2\frac{1}{2}$ " on plan Sheet No.1.

ROADWAY GATES - Sheet No.3 - As these gates are not braced we think they should have rollers and quadrant rails which would require to be laid level.

SIZES - We require definite sizes for Railing between posts P and Q, and between posts, Q and Quay Wall,

We have received a cable direct from Auckland reading:-

"CENTRE RAILS REQUIRED ON GATES ONLY NOT ON ORDINARY FENCING"

This cable we take it is meant to correct their blue print showing sheet No.1, which shows stretches of railing with centre rails similar to Gates on their scale lay out.

Yours faithfully,

(SIGNED) W.E.SMITH,

Director.

Men James Allan Lee & Son ^{2nd}
Climbank Foundry
Possil Road.
Glasgow.

and 7 1/2" diameter, not 6 1/2" and 1 1/2" as shown on drawing.
RAILWAY GATES - Sheet No. 3. - The gates are
18' 0" high by 18' 0" wide from center of pivot to center of
gate to gate with side 33' 0" on plan sheet No. 1.
RAILWAY GATES - Sheet No. 3. - As these gates are
not placed as shown they should have rollers and gaskets
rolls which would require to be laid level.
GATES - We require definite sizes for rolling
between posts F and G, and between posts G and H (see
We have received a cable direct from Auckland

referring:-

"CERTAIN RAILS REQUIRED ON GATES ONLY NOT ON ORDINARY SLIDING"
This cable we take it to mean to contact their line plan
showing sheet No. 1, which shows sketches of rolling with
centre rolls similar to gates on this scale lay out.

Yours faithfully,

(SIGNED) J. F. SMITH,

Director.

11 Ranelagh Villas. Home.

May 13. 1922.

W. H. Hamet Esq
Dear Sir.

Contract N^o 689. Gates & fencing

I received your specification on the 24th April (dispatched on the 20th March last) for above Contract, and also on the 29th April a letter from Messrs W & A M^r Arthur suggesting a visit to Glasgow in reference to several points raised by Messrs James Allan, as embodied in the copy of their letter addressed to them, dated April 25 - enclosed herewith.

At this interview we thoroughly went into the details of design and although the points raised were quite minor, I felt conscious of a desire to delay the date of delivery until such were satisfactorily cleared up. All this was done at the interview and embodied in the enclosed letter from them to me dated 8th May, and which I confirmed on the following day (copy attached); and as they do not raise the point of date of delivery in their letter to me, no doubt such date will accord with their quotation.

As you will observe the drawings are addressed to - except some slight alteration for Clearance in the gates.

The Roadway Gate, however came in for some insistence on their part, to have them either double braced, or run on rollers and quadrant rails, and as this would probably have meant an Extra, I proposed "Each half of the gates to have one double-braced diagonal brace from top corner at pilaster, to bottom corner at striking stile", which I trust you will find sufficiently stiff for all purposes.

Yours

Yours faithfully.

W. T. Andrews.

CONTRACTORS TO THE ADMIRALTY, WAR
OFFICE AND GOVERNMENT DEPARTMENTS.

JD/MB

JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836.

ELMBANK FOUNDRY,
12 POSSIL ROAD,
GLASGOW.



TRADE MARK.



HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.
STRUCTURAL DEPT:
LAMBHILL IRONWORKS,
GLASGOW.
LONDON OFFICE:
39 LOMBARD STREET, E.C.5.

TELEGRAMS:
ELMBANK FOUNDRY:-
ELMBANK, GLASGOW.
LAMBHILL IRONWORKS:-
ERECTOR'S, GLASGOW.
LONDON OFFICE:-
GIRDERS, STOCK, LONDON
TELEPHONES:
ELMBANK, DOUGLAS, 631, 632, 633.
LAMBHILL, KELVIN, 33.
LONDON, AVENUE, 7899.

Monday,
8th.
May,
1922.

ARCHITECTURAL & GENERAL
IRONFOUNDERS

& WROUGHT METAL WORKERS

MANUFACTURERS OF
STRUCTURES
IN CAST IRON & STEEL
VERANDAHS · PORCHES
BANDSTANDS · SHELTERS
PAVILIONS · BALCONIES

FIRE ESCAPES
STRAIGHT & SPIRAL
STAIRCASES · NEWELS

LAMP PILLARS
BRACKETS · CARRIERS
VENTILATING PILLARS

COLUMNS
BRACKETS · CRESTING
FINIALS · WINDOWS
BUILDING FRONTS

ENTRANCE GATES
AND RAILINGS
IN WROG & CAST IRON

STABLE · COWHOUSE
& PIGGERY FITTINGS

CONVENIENCES
W.C.'S · URINALS
BATHS · LAVATORIES

RAIN WATER
PIPES & CONNECTIONS
GUTTERS · HEADS · EARS

SOIL & DRAIN
PIPES & CONNECTIONS
VENTILATING PIPES
HOT WATER PIPES
MANHOLE COVERS

SHIPS RADIATORS
AND STAIRWAYS
ENGINEERS AND
GENERAL CASTINGS

AND AT

LAMBHILL IRONWORKS

STRUCTURES
IN STEEL & WROG IRON
ENGINEERING WORKS

POWER HOUSES
AEROPLANE HANGARS
HAY & GRAIN SHEDS

SHIPBUILDING YARDS
HARBOUR STORAGE
AND RAILWAY SHEDS

BUNGALOWS · GODOWNS
TEA HOUSES · COOLIE LINES
ROOFS · BRIDGES & C
COLUMNS & GIRDERS

ALL CLASSES OF
STEEL CONSTRUCTION

W.T. Andrews, Esqr.,
11 Ranelagh Villas,
HOVE.

Dear Sir,

Gates for Auckland Harbour Board.

Referring to your visit of the 4th. inst. when the following points were discussed, we herewith give detail as agreed, and trust to have confirmation at your earliest to keep matters all in order. As arranged, however, we are proceeding with the work on agreed particulars.

L. C. i. f. & E. With reference to this term we find context of cable dated 22.3.22. advising acceptance of order gives term as reading "Cost, freight and insurance, exchange". This, no doubt is a general phrase used irrespective of order being placed Home or Foreign. As the British Currency is used in Auckland, of course the term "exchange" is not applicable to ourselves. *Referred Contractor to Mr. H. A. McArthur.*

PTO:-

From James Allan Senr., & Son, Ltd.

To W.T. Andrews, Esqr.,
Hove.

GLASGOW.

8.5.22.

(Sheet No 1-73)
✓ 2. Railings. To be set slightly on the rake where necessary to suit the variations in levels of concrete.

afixed.
✓ Vertical bars to be plumb and spaced at 7" centres throughout. Joints arranged close to each backstay. Levels 20.05 at post "Q" and 18.19 at Quay Wall to be taken as levels of concrete. *See note re levels on sheet "Levels bought of post M have no asphalt covering"*

afixed
Railings between posts "P" and "Q" and between post "Q" and Quay Wall where the lengths are given approximately to be made slightly longer - say a bar extra - to allow for cutting at site.

(Sheet No 3)
Central Section only
4 inch thick
afixed
✓ 3. Pilasters. Bottom C.I. Panels fixed with countersunk screws through border and tapped into 1 1/2" W.I. Bars.
✓ Cap moulding with 2 scrolls and panel above to be cast all in one.

✓ Vase ornament fixed with 2 screws at bottom and strong tenon at top into flame ornament, with screw. Top rail of railing to have 3/4" round tenon into side bar of pilasters.

✓ Pilasters to be shipped complete in one piece, except vase and flame ornaments at top.

(Sheet No 2)
✓ 4. Posts. C.I. base to be of more uniform thickness 2" thick between the corner sockets. Shipped separately and bars/ *lead in at site.* *Sockets for Corner Cast* P.T.O:-

From James Allan Senr., & Son, Ltd.

GLASGOW,

To

W.T. Andrews, Esqr.,
HOVE.

8.5.22.

bars/

✓ to be $3/8$ " clear at top on all 4 sides, tapering to $1/4$ " clear at bottom for caulking. Base plate of backstays

✓ to be provided with 2 holes for 1" bolts into concrete.

✓ C.I. Panels under moulded cap, fixed with screws into border where metal is thicker.

none shown

Sheet No. 2)

✓ 5. Lanterns. Body of lantern to be of $3/16$ " W.I. Plate with small angle iron inside for glazing, and copper clips for securing glass, door of W.I.T-section fixed on side facing wharves. Top cornice of lantern made in Cast Iron of uniform thickness, say $5/16$ ". No joint at $5/8$ " x $1/2$ " ring.

(With reference to the detail at top of Lanterns, the enclosed blue print shows exactly how we purpose treating same. We find it is possible to cast roof of Lantern in one piece with uniform thickness $5/16$ ", and trust this will meet with your approval.)

✓ 6. Gates. To be hung level, and position of hinge block on posts arranged to suit the levels of concrete.

✓ Hinge to be as detailed on Sheet No.2., wear on hinge taken up by removing strap and inserting packing. Wear on pivot taken /

PTO:

*Will make sounder
casting - rain and
dust proof. See
blue print.*

CONTINUATION SHEET, PAGE 2

From James Allan Senr., & Son, Ltd.

GLASGOW,

To

W.T. Andrews, Esqr.,
HOVE.

8.5.22.

taken/

SEE SKETCH
BELOW

up by providing G.M. bearing (in halves) fixed on to gate stile and bearing on G.M. socket below.

(Sheet No 3)

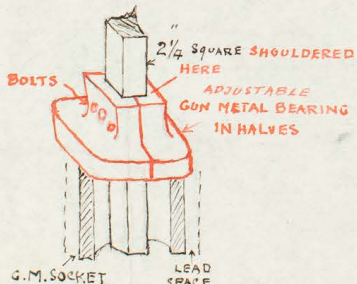
7. Railway Gates. Allowance to be made for clearance between centre stiles. The size given as 16'3" is to centre of clearance, for gates 32'6" centres of pivots, and 16'7 $\frac{5}{8}$ " to centre of clearance, for gates 33'2 $\frac{5}{8}$ " centres of pivots.

Rivets for bracing to be 1/2" dia. as marked on drawing.

(Sheet No 3)

8. Roadway Gates. Allowance to be made for clearance between centre stiles. Each half of gates to have one double-barred diagonal brace from top corner at pilaster to bottom corner at striking stile.

Bar marked 2 $\frac{1}{2}$ " x 1 $\frac{1}{8}$ " to be 2 $\frac{1}{2}$ " square, for appearance. Locks to be the same size as for Railway Gates.



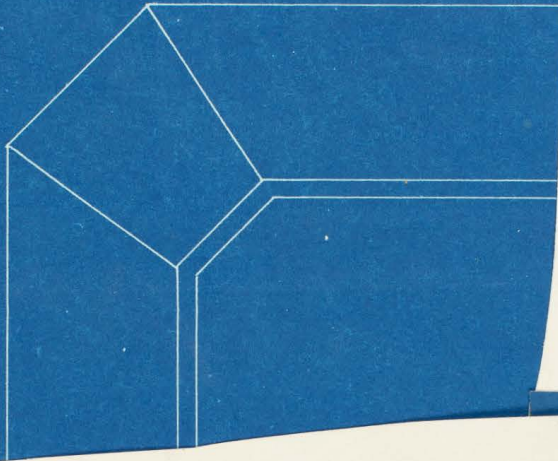
Yours faithfully,

JAMES ALLAN, SENR., & SON, LTD.,

James Allan
SECRETARY

L-F.90.

RAILINGS & GATES - AU
DETAIL AT TOP OF L



Copy of my reply to this letter.

9.5.22

J. Allan Esq. (Supt.)

Gates for Auckland H. B.

I am in receipt of your favour of 8th inst. with enclosed print, and beg to confirm the following items as detailed therein, viz —

1. I would refer you to the Board's agents Messrs W & A McArthur, 18/19 Gilt S^t. London, in reference to these items, as they do not fall within my province.
 2. Railings — agreed as stated
 3. Pilasters — do
 4. Posts — do
 5. Lanterns — do (and shown on blue print, lowest section) with roof of lantern cast in one piece $\frac{3}{16}$ " thick. Note, this casting should be fixed on with set bolts, and not left loose as shown.
1. Gates — agreed as stated, note, the gate stile should be turned down to form a shoulder bearing for the G.M. half bearing.
- " " " " " "
- " " " " " "
- Railway Gates agreed as stated.
- Roadway Gates do

I note you are now proceeding with the work on agreed particulars at our interview.

Yours faithfully
W. T. Andrews.
Inspector for the Board.

689A
)))

4th July 1922

W. T. Andrews Esq,
11 Ranelagh Villas,
Hove, SUSSEX.

Dear Sir,

GATES & FENCES - Contract No.689

I duly received yours of May 13th, enclosing letter from Messrs.Jas.Allen Senr.& Son Ltd. and your reply thereto.

The only item about which we thought there might be a mistake was item No.4- Posts, which said: "shipped separately and bars leaded in at sight".

This indicated that these posts were to be sent out in small pieces, and put together here by leading them in.

What we had previously, and desire now, is to have the bars cast into the bases and all parts fitted together by makers, and each post shipped as one completed unit.

I therefore wired you on 28th June as follows:-

"Gate posts to be shipped complete with bases attached"
which, I hope, was quite clear to you.

The others are all minor points, and you have settled them to our satisfaction.

Re roadway gates and Allens insistence on double braces:-

The roadway gates we have long had in position here are not cross braced but are as shown on our drawings, and have been perfectly satisfactory.

We will, however, accept your agreement with them to cross brace them, and if necessary will alter it when here.

Yours faithfully,

11 Ranelagh Villa - Home - Essex

W. H. Hamer, Esq. M. I. C. E.

July 26 1922

AUCKLAND
HARBOUR BOARD

Dear Sir,

Contract No 689. Gate & Gully

SEP 1 1922

Engineer's Department

I received the following cable from you on the 3rd inst. viz - "Gate posts to be shipped complete with bases attached. Hamer" and I notified the Contractors accordingly. They are asking to send the bases separately, seeing that the full length packing case would be about 12' 0" long x 3' 6" x 2' 6" and weighing over 1 ton and therefore liable to strain in transit.

I have told them I see no difficulty in meeting your wishes, and which must be adhered to.

The works have been closed for the Glasgow bank holiday, but have now resumed full work.

Yours

Yours faithfully,

W. T. Andrews.

CONTRACTORS TO THE ADMIRALTY, WAR
OFFICE AND GOVERNMENT DEPARTMENTS.

JD/MB

JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836.

ELMBANK FOUNDRY,
12 POSSIL ROAD,
GLASGOW.



ARCHITECTURAL & GENERAL
IRONFOUNDERS
& WROUGHT METAL WORKERS

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**ALL CLASSES OF
STEEL CONSTRUCTION**

W.H. Hamer, Esqr., M. Inst. C.E.,
Auckland Harbour Broad,
Engineers Offices,
Auckland, N.Z.,

Thursday,
24th.
August
1922.

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.
STRUCTURAL DEPT.:
LAMBHILL IRONWORKS,
GLASGOW.
LONDON OFFICE:
39 LOMBARD STREET, E.C.3.

TELEGRAMS:
ELMBANK FOUNDRY:-
ELMBANK, GLASGOW.
LAMBHILL IRONWORKS:-
ERECTOR, GLASGOW.
LONDON OFFICE:-
GIRDERS, STOCK, LONDON.
TELEPHONES:
ELMBANK, DOUGLAS, 631, 632, 633.
LAMBHILL, KELVIN, 33.
LONDON, AVENUE, 7899.



Dear Sir,

Contract No. 689. Gates and Fences.

With reference to the above contract and official order received through Messrs. W. & A. McArthur Ltd., London (as Agents to the Auckland Harbour Board), we have much pleasure in acknowledging receipt of your letters and cablegrams as undernoted.

- (1). Your Cable 24th. April 1922. "Centre Rails required on gates only not on ordinary Fencing"
- (2). Your Letter 24th. April 1922. Confirming cable.

You will see from copies of our working drawings herewith we will supply according to your instructions contained above.

- (3). Your letter dated 10th. April 1922. We have carefully noted all levels of wharf surfaces as stated on your

CONTINUATION SHEET, PAGE 2
From James Allan Senr., & Son, Ltd.

GLASGOW.

To W.H. Hamer Esqr.,
Auckland.

24.8.22.

your/

drawings.

(4). Your letter dated 10th. April 1922. We have made the alteration on Railing at extreme end of Kings Wharf Approach, and as instructed have revised same by inserting one additional Gate Post, one 12 ft. clear gate, adjoining the 6 ft. Pedestrian Gate. This also requires an extra pilaster, and these extra parts will be invoiced as extras to our Contract as desired.

The date of Commencement of Contract has been fixed as from 18th. May 1922, and we have the work well underway.

Rec. We are sending under separate parcel a complete blue print set of Scale working Drawings Nos. 1800, 1801; 1802; 1820; 1821; 1825; and 1833, showing how we purpose supplying, these drawings being made up from the four prints and photos supplied by you, and embody the various points as agreed by your Inspector Mr. Andrews of Hove, with whom we keep in close touch.

We have also sent you copies of our new Rainwater Structural and Steelwork Catalogues which we trust will be of

CONTINUATION SHEET, PAGE 3

From James Allan Senr., & Son, Ltd.

GLASGOW.

To W.H. Hamer, Esqr.
Auckland.

24.8.22.

of/

interest to you and shall be very pleased to quote you
for any future requirements on receipt of details.

Thanking you for present favour and esteeming
your further commands which will receive every attention.

Yours faithfully,

JAMES ALLAN, SENR., & SON, LTD.


Secretary.

1st November 1922

Messrs. James Allan, Senr. & Son Ltd,
Elmbank Foundry,
12 Possil Road,
GLASGOW.

Dear Sirs,

I beg to acknowledge receipt of yours of 24th and 25th August.

I note your remarks regarding Contract No. 689 for Gates and Fences.

The blueprints arrived about a fortnight ago.

Your letters have evidently been delayed owing to being sent with the catalogues.

The latter will be very carefully filed, and I will communicate with you again if we should require any of the goods referred to.

Yours truly,

ENGINEER TO THE BOARD

11 Ranelagh Villas. Home. Nov. 8. 1922

M. H. Hames. Esq.
Auckland.

Contract No 689 Gals + Fences. Mr Allan Clayton.

Please note I have again seen Mr Allan Clayton in reference to their proposal to substitute cast steel binding plates on the main Pillasters for W.I. as specified, and I declined to alter the specification, & they are progressing as specified. They promised to give me a date for inspection about the second week in Nov. and now I await their notice.

I may say that I was very pleased with the quality & finish of what castings they had finished when I last called.



11 Ravelagh Villas. Home. 20.11.22.

Mr H. Williams Esq

Esq

Contract No 689



Mr Allan Ferguson Esq of Slayton. promised to advise me as to inspection about the second well in November. I am writing them by this post, reminding them that 8 months will elapse on the 18 January 1923. when the material is due in Auckland.

Yours faithfully

H. P. Williams

W. H. Hamer & Co. 11 Rame Caye Villas. Stone.
Dunedin / Order No 689. Gates & Fences



(rec @ 42) 18/1/23
I was much disappointed on visiting Messrs. Allan & Co. at Glasgow yesterday to note the state of progress of the work in hand. On an 8 months delivery all this Contract should have been shipped by this week, and I found the position as follows:—

- (a) All the bays of the fencing are fitted complete and being painted & assembled for wiring up for transport.
- (b) All the pillars for above complete, and do do.
- (c) Two of the main pillars for Gates are erected complete with lamps - but not leaded up yet.
- (d) The remaining (16) pillars - all the castings are made, all bars cut and fitted, the lamps are now in hand being fitted from the templates of the two finished lamps.
Please note - in order to protect ^{back} stays etc in transit, I have arranged to house and wire the double back stays to their respective pillars, leaving the rivetting up of the ends of each stay to their respective holding-down plates, to be done at site - the top ends of each stay being double bolted to the pillar.
- (e) All the material for the Gates (both Railway & Road) is lying about in various depots of progress, and I estimate these cannot possibly be ready to hang till about the middle of January next.

I have however been constantly pressing the firms for prompt delivery, but am afraid they will be some weeks behind.

Dunedin. Yours faithfully,
W. T. Anderson.

11 Ranelagh Villas. Stone.
February. 4th 1923.

W. H. James. Eng. & S. C. E.

Dublin,

Contract N^o 689. Gates & Posts.

On the 24.1.23. I passed a quantity of the above material, as stated in Mess James Allans letter to me dated 6.2.23 enclosed (See Ref. 21 therein "Material to be shipped as first consignment"),

This leaves the Railway gates and posts, the extra 12' 2 1/2" gate and the 4' 6" pedestrian gates to finish. I have detained the lamps to see them properly fixed and finished.

As to the lower brass bearing sockets for gates, I thought it would be to your advantage to lead these in at site; and also to rivet on at site the holding down plates on the back stays to each post, so as to facilitate shipment.

As the exposure of the polished brass locks on the gates, appeared to offer temptation for theft I requested W. I. Cox plates rivetted ones each - agreed. The rest of the contract is promised the end of this month.

I enclose Erecting prints as follows: -

1. N^o 1800. General Arrangement.
 2. N^o 1801. Railings and pilasters.
 3. N^o 1802. do do
 4. N^o 1820. Details of Posts.
 5. N^o 1821. Roadway Gates.
 6. N^o 1825. Railway "
 7. N^o 1833. Single leaf roadway and Pedestrian Gates.
- One set of material lists N^o. 1 to 42 inclusive.

I also enclose Mess Allans letter dated 6.2.23 in reply to mine of 24.1.23 (See Copy).

Trusting you will find same in order.

Yours

James Fairgully.
W. H. James.

Copy of my letter to Messrs. Allan & Son, dated 27.1.23 13

Draughts, Gates & fences for Auckland S. Board

In reply to your favour of 25th inst, I have examined the plans and material lists forwarded and beg to note as follows:—

1. End pilasters, (material list sheet N° 3). Should not top line read —
Sketches "A2 to J5" instead of "J2" — 18 off. — See drawing N° 1800.
2. Sheet 5. Inter. pilasters, Cont. 23 off. Sketches "A2 to J2" (I cannot identify by above lettering)
3. " 6. Sketch "B2", 2 Bays. Does this refer to B₁ to B₈ inclusive? "
4. " 7. " " C₂, 2 Bays. " " C₁ - C₄ " "
5. " 8. " " D₂, 2 Bays. " " D₁ - D₆ " "
6. No mention of Sketch E₁ to E₆ inclusive. "
7. Sheet 9. Sketch "F2", 2 Bays. Does this refer to F₁ - F₄ " "
8. " 10. " " F₂ does not coincide with 15'-1" Bay. "
9. " 11. " " F₂ 2 Bays. Does this refer to F₁ to F₄ " "
10. " 12. " " G₂, 2 Bays. " " G₁ - G₆ " "
11. " 13. " " H₂ " " " " H₁ - H₈ " "
12. " 14. " " J₂ 4 Bays. " " " " J₁ - J₁₂ " "
13. " (30, 31, 32) 3/4 Gate, should be 12: 2 1/2 to correspond with drawing N° 1800.
14. " 34. S.L. Gate pilasters. L.H. pilasters 1 off. (I cannot trace on plan N° 1800.
15. " 36. 3/4 Gate, 12' 0" Gate. — Should read 12: 2 1/2" to correspond with drawing.
16. " 37. Should not roadway gate, read A₁-B₁-B₂-G₁. (first part) "
17. " " do do G₁-H₁-H₂-I₁. (second ") "
18. " " I cannot trace T.H.L. on drawing. (third ") "
19. " 38. Where do these springs go? "
20. No lettering to 4' 6" gate posts or gates.
21. Please specify (duly lettered) what parts you are sending out now — as arranged this week.
22. As to shipping instructions Messrs. A & C W Arthur & Co. The Board's Agents in London, inform me that you carry out all the shipping arrangements to Auckland for this contract.

Kindly check the above and return to me as early as possible.

I Obleg.

Yours faithfully,

Sy^d. W. T. Andrews.

JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836

CONSTRUCTIONAL ENGINEERS

LAMBHILL IRONWORKS

LAMBHILL
GLASGOW

WSM/IMCE.

6th February, 1923.

CONTRACTORS TO THE
ADMIRALTY, WAR OFFICE AND
GOVERNMENT DEPARTMENTS.

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.
LONDON OFFICE:
39 LOMBARD STREET, E.C.3.

TELEGRAMS:-
LAMBHILL IRONWORKS,
ERECTIONS, GLASGOW.
ELMBANK FOUNDRY,
ELMBANK, GLASGOW.
LONDON OFFICE,
GIRDERS, STOCK, LONDON.

TELEPHONES:-
LAMBHILL, KELVIN, 33.
ELMBANK, DOUGLAS, 631, 632, 633.
LONDON, AVENUE, 7899.

W. T. Andrews, Esq.,
Inspector (Auckland Harbour Board),
11, Ranelagh Villas,
H O V E.



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ENGINEERS
& WROUGHT METAL WORKERS

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· AIRSHIP SHEDS ·
SEAPLANE SHEDS
AERO ENGINE SHEDS
BUILDING · DISMANTLING
AND FINISHING SHEDS

AGRICULTURE

AND PRODUCE STORES
HAY AND GRAIN SHEDS
COVERED CATTLE YARDS
· FARM STEADINGS ·

SHIPBUILDING YARDS

TOWERS AND TRESTLES
· HARBOUR · STORAGE ·
AND RAILWAY SHEDS
STATION BUILDINGS
BUILT STANCHIONS
· AND GIRDERS ·

BUNGALOWS

GODOWNS · TEA HOUSES
LEAF WITHERING HOUSES
RUBBER FACTORIES
COOLIE LINES · Etc.

BRIDGES ·

FOR FOOT ROAD AND
· RAILWAY TRAFFIC ·

· · AND AT · ·

ELMBANK FOUNDRY

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IRON STAIRCASES
GATES AND RAILINGS
LAMP · PILLARS · COLUMNS

SANITARY STRUCTURES

URINALS AND W.C.'S.
BATHS · LAVATORIES
RAIN · WATER · SOIL
DRAIN · HOT · WATER
PIPES & CONNECTIONS

ENGINEERS' AND
GENERAL CASTINGS

Dear Sir,

GATES & RAILINGS - BISHOP AUCKLAND, N.Z.
OUR ORDER NO. LF90.

With reference to the queries raised in yours
of the 27th ultimo, our replies to same are as follows:-

Ref. (1) Complete Stretches of Railings between Gate Posts were lettered by the Drawing Office to facilitate identification in Shop, that is, 9 stretches lettered "A2" to "J2". The letters encircled are the shop fitting-up marks to component parts. Identification letters to stretches are referred to in material lists, but were not embodied on Drawing No. 1800 sent to you and no fitting-up marks were indicated on lists; hence the confusion.

Ref. 2-5 & 7-12 inclusive. Your presumptions are correct; the prefix letter to fitting-up marks correspond with the stretch letter.

Ref. (6). Stretch marked "F2", sheet No. 11 of material list, should read "E2". This is an error in typing.

Ref. 14 & 20. These items are not yet completed. We have therefore assigned to them fitting-up marks "S" and "T" respectively.

Ref. 13 & 15. For brevity, this Gate was referred to as 12'0" Gate, although actually 12'2 $\frac{1}{2}$ " between pillars. We will alter this to 12'2 $\frac{1}{2}$ ".

Ref. 16 & 17. The lettering on material lists for these items refer to adjacent gate posts; fitting-up marks now indicated on material lists.

P.T.O.

From James Allan, Senr., & Son, Ltd.

GLASGOW.

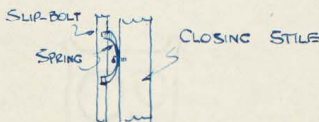
To

W. T. Andrews, Esq.

6th February, 1923.

Ref. (18). "T.H.L" should read "H - I", i.e., gate between posts "H" and "I". This is an error in typing.

Ref. (19) Springs fitted to closing stile of one leaf of each D. L. Gate to ensure slip bolt working in a vertical axis, thus:-



Ref. (21). Material to be shipped as first consignment:-

- ✓ Railing Panels from "A1" to "J12".
- ✓ Pilasters "A1" to "J5".
- Gate Posts and End Posts "A", "B", "C", "E", "G", "H", "L", "M", "N", "O" and "Q".
- ✓ Gates - Six Double Leafed Roadway Gates, and all necessary fittings, back stays, locks, &c.

As requested, we return herewith your Drawings Nos. 1800 and 1802, together with material lists, all corrected in accordance with our replies to your queries.

We are,

Yours faithfully,

For Jas. Allan, Senr. & Son Ltd.

LAMBHILL IRON WORKS.

A. Collier
Asst. Manager

JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836

CONSTRUCTIONAL ENGINEERS

AB/MB

LAMBHILL IRONWORKS

LAMBHILL

GLASGOW

22nd February, 1923.



CONTRACTORS TO THE
ADMIRALTY, WAR OFFICE AND
GOVERNMENT DEPARTMENTS.

CONSTRUCTIONAL ENGINEERS

& WROUGHT METAL WORKERS

MANUFACTURERS OF STRUCTURES

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WEAVING & JUTE MILLS

AEROPLANE HANGARS

· AIRSHIP SHEDS ·
SEAPLANE SHEDS
AERO ENGINE SHEDS
BUILDING · DISMANTLING
AND FINISHING SHEDS

AGRICULTURE

AND PRODUCE STORES
HAY AND GRAIN SHEDS
COVERED CATTLE YARDS
· FARM STEADINGS ·

SHIPBUILDING YARDS

TOWERS AND TRESTLES
· HARBOUR · STORAGE ·
AND RAILWAY SHEDS
STATION BUILDINGS
BUILT STANCHIONS
· · AND GIRDERS · ·

BUNGALOWS

GODOWNS · TEA HOUSES
LEAF WITHERING HOUSES
RUBBER FACTORIES
COOLIE LINES · ETC.

· BRIDGES ·

FOR FOOT ROAD AND
· RAILWAY TRAFFIC ·

· · AND AT · ·

ELMBANK FOUNDRY

ORNAMENTAL STRUCTURES

IRON STAIRCASES
GATES AND RAILINGS
LAMP · PILLARS · COLUMNS

SANITARY STRUCTURES

URINALS AND W.C.'S.
BATHS · LAVATORIES
RAIN · WATER · SOIL
DRAIN · HOT · WATER
PIPES & CONNECTIONS

ENGINEERS' AND GENERAL CASTINGS

W.H. Hamer Esq.,

Engineer,

Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Dear Sir,

O/NO. I.F. 90. GATES & RAILINGS.

We enclose herewith Bill of Lading for
42 bundles or crates of railings and Pilasters shipped ex
Glasgow per the S.S. "Mahia" and trust that these will
come to hand in good order and condition.

We are,

Yours faithfully,

For Jas. Allan, Sen. & Son Ltd.

LAMBHILL IRONWORKS.

A. Colley

Asst. Manager

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.

LONDON OFFICE:
39 LOMBARD STREET, E.C.3.

TELEGRAMS:-

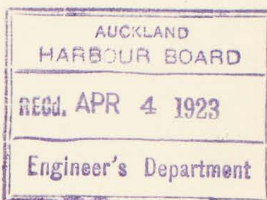
LAMBHILL IRONWORKS,
ERECTOR'S, GLASGOW.

ELMBANK FOUNDRY,
ELMBANK, GLASGOW.

LONDON OFFICE,
GIRDERS, STOCK, LONDON.

TELEPHONES:-

LAMBHILL, KELVIN, 33.
ELMBANK, DOUGLAS, 631, 632, 633.
LONDON, AVENUE, 7899.



Index No 17009

JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836

CONSTRUCTIONAL ENGINEERS **AB/MB**

LAMBHILL IRONWORKS

LAMBHILL

GLASGOW 8th March, 1923.

CONTRACTORS TO THE
ADMIRALTY, WAR OFFICE AND
GOVERNMENT DEPARTMENTS.

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.
LONDON OFFICE:
39 LOMBARD STREET, E.C. 3.

TELEGRAMS:-
LAMBHILL IRONWORKS,
ERECTOR'S, GLASGOW.
ELMBANK FOUNDRY,
ELMBANK, GLASGOW.
LONDON OFFICE,
GIRDERS, STOCK, LONDON.

TELEPHONES:-
LAMBHILL, KELVIN, 33.
ELMBANK, DOUGLAS, 631, 652, 633.
LONDON, AVENUE, 7899.



CONSTRUCTIONAL
ENGINEERS

& WROUGHT METAL WORKERS

MANUFACTURERS OF
STRUCTURES

IN CAST IRON & STEEL
VERANDAHS - PORCHES
BANDSTANDS - SHELTERS

ENGINEERING WORKS

GAS & CEMENT WORKS

TRAMWAY DEPOTS -
BREWERIES - TANNERIES
FOUNDRIES - COLLIERIES

ELECTRIC POWER HOUSES

TRACTION STATIONS
PAPER & COTTON MILLS
WEAVING & JUTE MILLS

AEROPLANE HANGARS

AIRSHIP SHEDS -
SEAPLANE SHEDS
AERO ENGINE SHEDS

BUILDING - DISMANTLING
AND FINISHING SHEDS

AGRICULTURE

AND PRODUCE STORES
HAY AND GRAIN SHEDS
COVERED CATTLE YARDS

FARM STEADINGS -

SHIPBUILDING YARDS

TOWERS AND TRESTLES
HARBOUR - STORAGE -
AND RAILWAY SHEDS

STATION BUILDINGS
BUILT STANCHIONS
AND GIRDERS -

BUNGALOWS

GODOWNS - TEA HOUSES
LEAF WITHERING HOUSES
RUBBER FACTORIES
COOLIE LINES - Etc.

BRIDGES -

FOR FOOT ROAD AND
RAILWAY TRAFFIC :

AND AT

ELMBANK FOUNDRY

ORNAMENTAL STRUCTURES

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GATES AND RAILINGS
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PIPES & CONNECTIONS

ENGINEERS AND
GENERAL CASTINGS

W.H. Hamer Esq.,
Engineer,

Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Dear Sir,

O/NO. L.F. 90. RAILINGS & GATES.



We have pleasure in enclosing herewith the
undernoted documents in connection with shipment per the
S.S. "Port Melbourne" from Glasgow on the 3rd instant.

Shipping specification - In triplicate.

Bill of lading - (First copy)

Invoice - (In triplicate)

Certificate of origin.

Trusting that you will find everything in

order.

We are,

Yours faithfully,

For Jas. Allan, Sen. & Son Ltd.

LAMBHILL IRON WORKS,

W.S. Parnian Manager.

*Shipping Specⁿ
Delivery order
to FOW
Date in 17057*

TELEGRAM ADDRESS:
"SECTIONS," GLASGOW.

TELEPHONE: KELVIN 33.

INVOICE.

AB/MB

Invoice No. _____

Date, 3/3/23


JAMES ALLAN, SENR. & SON, LTD.,
LAMBHILL IRONWORKS, GLASGOW.

Sold to

Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Consigned to

Shipped per S.S. "Port Melbourne"
at Glasgow.

CONSTRUCTIONAL ENGINEERS	Order No.	Order Received.	Your Order No.	Terms.
AND WROUGHT METAL WORKERS MANUFACTURERS OF	LP90	13/4/22	Contract 689	Nett cash monthly a/c
STRUCTURES	11 Single Pilasters.			
IN CAST IRON AND STEEL VERANDAHS : PORCHES BANDSTANDS : SHELTERS	13 Large "			
ENGINEERING WORKS	2 Double leaf gates.			
GAS AND CEMENT WORKS TRAMWAY DEPOTS BREWERIES : TANNERIES FOUNDRIES : COLLIERIES	All painted one coat, crated, all in accordance with detailed drawings, delivered C.I.F. Auckland.			
ELECTRIC POWER HOUSES	<u>22188 0 0</u>			
TRACTION STATIONS PAPER AND COTTON MILLS WEAVING AND JUTE MILLS				
AEROPLANE HANGARS	43 - 52) 54 - 70) 27 Cases Pilasters 72.) & gates. 75.) 2 Pieces gates.			
AIRSHIP SHEDS SEAPLANE SHEDS BUILDING, DISMANTLING AND FINISHING SHEDS	AGRICULTURE			
AND PRODUCE STORES HAY AND GRAIN SHEDS COVERED CATTLE YARDS FARM STEADINGS	SHIPBUILDING YARDS			
TOWERS AND TRESTLES HARBOUR STORAGE AND RAILWAY SHEDS STATION BUILDINGS BUILT STANCHIONS AND GIRDERS	BUNGALOWS			
GODOWNS : TEA-HOUSES LEAF WITHERING HOUSES RUBBER FACTORIES COOLIE LINES, ETC.	BRIDGES			
FOR FOOT, ROAD AND RAILWAY TRAFFIC	AND AT			
ELMBANK FOUNDRY	ORNAMENTAL STRUCTURES			
IRON STAIRCASES GATES AND RAILINGS LAMP-PILLARS, COLUMNS	SANITARY STRUCTURES			
URINALS AND W.C.'S BATHS : LAVATORIES RAIN-WATER, SOIL DRAIN, HOT-WATER PIPES AND CONNECTIONS	ENGINEERS' AND			
GENERAL CASTINGS				

Memorandum.

From ...

FOREMAN OF WORKS

Gates & Fences.To The EngineerA.H.B.May 8th 1923.

Sir,

I beg to report that we have received the following parts of Gates & fences for Quay St.

cc "MAHIA"

- 20 Pilasters.
- 40 Slays
- 74 Posts. (slightly damaged)

cc "PORT MELBOURNE"

- 14 main Posts.
- 21 Pilasters.
- 23 Slays.
- 12 Brass Bearings and kegs. and round washers
- 61 small washer plates.
- 12 gate kegs. and six gate slays.
- 15 back plates
- 4 half gates. (plumes broken)

Apr 26th to May 1st Cartage £9. 12. 8

load & unloads. Labour. 15. 13. 7.

£ 25 6 3 Cost of receiving Gates etc

W. H. Ke

JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836

CONSTRUCTIONAL ENGINEERS AB/MB

LAMBHILL IRONWORKS

LAMBHILL

GLASGOW

18th April, 1923.



CONTRACTORS TO THE
ADMIRALTY, WAR OFFICE AND
GOVERNMENT DEPARTMENTS.

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.
LONDON OFFICE:
39 LOMBARD STREET, E.C.3.

TELEGRAMS:
LAMBHILL IRONWORKS,
ERECTIONS, GLASGOW.
ELMBANK FOUNDRY,
ELMBANK, GLASGOW.
LONDON OFFICE,
GIRDERS, STOCK, LONDON.

TELEPHONES:
LAMBHILL, KELVIN, 33.
ELMBANK, DOUGLAS, 631, 632, 633.
LONDON, AVENUE, 7899.

CONSTRUCTIONAL
ENGINEERS
& WROUGHT METAL WORKERS

MANUFACTURERS OF
STRUCTURES

IN CAST IRON & STEEL
VERANDAHS · PORCHES
BANDSTANDS · SHELTERS

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GAS & CEMENT WORKS
· TRAMWAY DEPOTS ·
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ELECTRIC POWER HOUSES

TRACTION STATIONS
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TOWERS AND TRESTLES
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STATION BUILDINGS
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BUNGALOWS

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RUBBER FACTORIES
COOLIE LINES · Etc.

BRIDGES ·

FOR FOOT ROAD AND
· RAILWAY TRAFFIC ·

· · · AND AT · · ·

ELMBANK FOUNDRY

ORNAMENTAL STRUCTURES

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GATES AND RAILINGS
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PIPES & CONNECTIONS

ENGINEERS' AND
GENERAL CASTINGS

W. H. Hamer Esq.,
Engineer,

Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Dear Sir,

O/NO. L.F. 90 RAILINGS & GATES

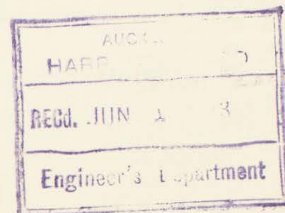
We have pleasure in enclosing herewith
Bill of Lading (Second copy) covering materials shipped
per the S.S. "Port Melbourne" on the 3rd inst.,

We are,

Yours faithfully,

For Jas. Allan, Sen. & Son Ltd.
LAMBHILL IRONWORKS,

W. S. Fairman Manager.



JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836

CONSTRUCTIONAL ENGINEERS AB/MB

LAMBHILL IRONWORKS

LAMBHILL

GLASGOW 18th April, 1923.

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.
LONDON OFFICE:
39 LOMBARD STREET, E.C.3.

TELEGRAMS:
LAMBHILL IRONWORKS,
ERECTOR, GLASGOW.
ELMBANK FOUNDRY,
ELMBANK, GLASGOW.
LONDON OFFICE:
GIRDERS, STOCK, LONDON.

TELEPHONES:
LAMBHILL, KELVIN, 33.
ELMBANK, DOUGLAS, 631, 632, 633.
LONDON, AVENUE, 7899.



CONTRACTORS TO THE
ADMIRALTY, WAR OFFICE AND
GOVERNMENT DEPARTMENTS.

CONSTRUCTIONAL ENGINEERS

& WROUGHT METAL WORKERS

MANUFACTURERS OF STRUCTURES

IN CAST IRON & STEEL
VERANDAHS · PORCHES
BANDSTANDS · SHELTERS

ENGINEERING WORKS

GAS & CEMENT WORKS
· TRAMWAY DEPOTS ·
· BREWERIES · TANNERIES
· FOUNDRIES · COLLIERIES

ELECTRIC POWER HOUSES

TRACTION STATIONS
PAPER & COTTON MILLS
WEAVING & JUTE MILLS

AEROPLANE HANGARS

AIRSHIP SHEDS ·
SEAPLANE SHEDS
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BUILDING · DISMANTLING
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AGRICULTURE

AND PRODUCE STORES
HAY AND GRAIN SHEDS
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STATION BUILDINGS
BUILT STANCHIONS
AND GIRDS

BUNGALOWS

GODOWNS · TEA HOUSES
LEAF WITHERING HOUSES
RUBBER FACTORIES
COOLIE LINES · ETC.

BRIDGES ·

FOR FOOT ROAD AND
RAILWAY TRAFFIC ·

· · · AND AT · · ·

ELMBANK FOUNDRY

ORNAMENTAL STRUCTURES

IRON STAIRCASES
GATES AND RAILINGS
LAMP · PILLARS · COLUMNS

SANITARY STRUCTURES

URINALS AND W.C.'S.
BATHS · LAVATORIES
RAIN · WATER · SOIL
DRAIN · HOT · WATER
PIPES & CONNECTIONS

ENGINEERS' AND GENERAL CASTINGS

W.H. Hamer Esq.,
Engineer,

Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Dear Sir,

O/NO.L.F. 90 RAILINGS & GATES.

We have pleasure in enclosing herewith the
undernoted documents in connection with shipment of
Wrot Iron, Gates, and Pilasters, per the S.S. "Tairo"
from Glasgow, on the 13th instant.

Shipping specification in triplicate.
Bill of Lading (First copy)
Invoice in triplicate.
Certificate of origin.

Trusting you will find everything in
order.

We are,

Yours faithfully,

For Jas. Allan, Sen. & Son Ltd.
LAMBHILL IRONWORKS,

W.S. Paineau Manager.



Nos.	PACKAGES.	MEASURE	Tons				Cwt.						
			Gr.	Qr.	Gr.	Qr.	Gr.	Qr.	Gr.	Qr.			
	Brought forward,												
125	1 Crate	32 x 19"x											
126	1 "	do											
			71	5	18	5	18	5	18	5	18	5	18

TELEGRAM ADDRESS:
"JECTIONS," GLASGOW.

TELEPHONE: KELVIN 33.

INVOICE.

AB/MB

Invoice No. _____

Date, 13/4/23.

JAMES ALLAN, SENR. & SON, LTD.,
LAMBHILL IRONWORKS, GLASGOW.

Sold to

**Auckland Harbour Board,
Auckland,
NEW ZEALAND.**

Consigned to

**Shipped per S.S. "Tairo"
at Glasgow.**

	Order No.	Order Received.	Your Order No.	Terms.
CONSTRUCTIONAL ENGINEERS AND WROUGHT METAL WORKERS MANUFACTURERS OF STRUCTURES IN CAST IRON AND STEEL VERANDAHS : PORCHES BANDSTANDS : SHELTERS ENGINEERING WORKS GAS AND CEMENT WORKS TRAMWAY DEPOTS BREWERIES : TANNERIES FOUNDRIES : COLLIERIES ELECTRIC POWER HOUSES TRACTION STATIONS PAPER AND COTTON MILLS WEAVING AND JUTE MILLS AEROPLANE HANGARS AIRSHIP SHEDS SEAPLANE SHEDS BUILDING, DISMANTLING AND FINISHING SHEDS AGRICULTURE AND PRODUCE STORES HAY AND GRAIN SHEDS COVERED CATTLE YARDS FARM STEADINGS SHIPBUILDING YARDS TOWERS AND TRESTLES HARBOUR STORAGE AND RAILWAY SHEDS STATION BUILDINGS BUILT STANCHIONS AND GIRDERS BUNGALOWS GODOWNS : TEA-HOUSES LEAF WITHERING HOUSES RUBBER FACTORIES COOLIE LINES, ETC. BRIDGES FOR FOOT, ROAD AND RAILWAY TRAFFIC AND AT ELMBANK FOUNDRY ORNAMENTAL STRUCTURES IRON STAIRCASES GATES AND RAILINGS LAMP-PILLARS, COLUMNS SANITARY STRUCTURES URINALS AND W.C.'S BATHS : LAVATORIES RAIN-WATER SOIL DRAIN, HOT-WATER PIPES AND CONNECTIONS ENGINEERS' AND GENERAL CASTINGS	L.F.90	13/4/22	Contract 689	Nett cash.
Railings & Gates.				
3 Double Leaf Gates				£1943 0 0
1 Wicket Gate				
1 Roadway Pilaster.				
4 Railway Pilasters.				
18 Lanterns complete with glass.				
				55 0 0
1 Gate Pilaster extra to contract quantity.				
				<u>£1998 0 0</u>
All painted one coat, packed for shipment, and all in accordance with detailed drawings, delivered C.I.F. Auckland.				
A.H.B. 53) 43 Crates Wrot Ironwork.				
71)				
AUCKLAND. 73-74) 7 Pieces do				
76-97)				
101-126) 2 Boxes Glass.				

Auckland Harbour Board

MEMORANDUM

FROM

Foreman of Works

To

June 14th 1923

THE ENGINEER

L 27249

Gates & Fences for Quay St.

Sir,

I beg to report that a further shipment of Gates & Fences has been received ex s.s. "Tairoa". These were checked with shipping specification and found correct, the only damage to report was one plume casting which is damaged slightly.

N ^o 53	1 piece.	1 half gate.	N	
" 71	"	1 " "	I	
" 73	"	1 " "	G	
" 74	"	1 " "	C	
" 96	"	1 " "	M.	
" 97	"	1 " "	BI.	
" 94	1 Box.	54 squares 26 oz. glass.		} at Store Hobson St.
" 95	"	{ 98 " 26 " "		
		{ 18 " 1/2 " " "		
N ^o 76 to 93.	18 Crates	18 lamps.	A-R.	
" 101-118	18 "	18 lamp bases.		
N ^o 119	1 crate	large Pilaster.	J.	
" 120	1 "	" "	R.	
" 121	1 piece	wicket gate.		
" 122	1 crate	large Pilaster.	E.	
" 123	1 "	" "	D.	
" 124	1 "	" "		
" 125	1 "	{ 1 small Pilaster		
		{ 1 wicket gate		
" 126	1 "	{ 21 Pilaster Stays		

Labour.

£ 2 17 10.

Cartage.

4 0

£ 3 1 10

White

Memorandum.

From ..

INSPECTOR AT

A H B

To

THE ENGINEER

W. Sanders.

May 17 1922

I beg to report that

We shall require the following goods, will you please get quotes.

Item 6 New fences Open ft
1250 ft 1/2" gal. piping.

Item 8. Railway standing fence
Reclan P whf 250 ft 1/2" gal. piping.

Deliver to 14 shed
Queens Whf.

@ 3 1/4 per foot
J. Burns & Co
72 70.

Y 42

Signature

JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836

CONSTRUCTIONAL ENGINEERS AB/MB

LAMBHILL IRONWORKS

LAMBHILL

GLASGOW

11th May, 1923.

CONTRACTORS TO THE
ADMIRALTY, WAR OFFICE AND
GOVERNMENT DEPARTMENTS.

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.
LONDON OFFICE:
39 LOMBARD STREET, E.C.3

TELEGRAMS:
LAMBHILL IRONWORKS,
ERECTOR, GLASGOW.
ELMBANK FOUNDRY,
ELMBANK, GLASGOW.
LONDON OFFICE,
GIRDERS, STOCK, LONDON.

TELEPHONES:
LAMBHILL, KELVIN, 33.
ELMBANK, DOUGLAS, 631, 632, 633.
LONDON, AVENUE, 7899.

CONSTRUCTIONAL
ENGINEERS

& WROUGHT METAL WORKERS

MANUFACTURERS OF
STRUCTURES

IN CAST IRON & STEEL
VERANDAHS · PORCHES
BANDSTANDS · SHELTERS

ENGINEERING WORKS

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· BREWERIES · TANNERIES
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ELECTRIC POWER HOUSES

TRACTION STATIONS
PAPER & COTTON MILLS
WEAVING & JUTE MILLS

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TOWERS AND TRESTLES
· HARBOUR STORAGE ·
· AND RAILWAY SHEDS
· STATION BUILDINGS
· BUILT STANCHIONS
· · AND GIRDERS · ·

BUNGALOWS

GODOWNS · TEA HOUSES
LEAF WITHERING HOUSES
RUBBER FACTORIES
COOLIE LINES · ETC.

· BRIDGES ·

FOR FOOT ROAD AND
· RAILWAY TRAFFIC ·

· · AND AT · ·

ELMBANK FOUNDRY

ORNAMENTAL STRUCTURES

IRON STAIRCASES
GATES AND RAILINGS
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URINALS AND W.C.'S.
BATHS · LAVATORIES
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DRAIN · HOT · WATER
PIPES & CONNECTIONS

ENGINEERS AND
GENERAL CASTINGS

W.H. Hamer Esq.,
Engineer,

Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Dear Sir,

OUR O/NO. L.F.90 W.I. RAILINGS & GATES.

We enclose herewith the undernoted
documents in connection with the final shipment of
materials against the above contract.

Shipping specification in triplicate.

Invoice in triplicate;

Statement of account.

Certificate of origin.

Bill of lading (first copy)

Trusting that you will find everything

in order.

We are,

Yours faithfully,
For Jas. Allan, Sen. & Son Ltd.
LAMBHILL IRON WORKS,

W.S. Patman Manager.

Telegram and Cable Address:
 "ERLECTIONS," GLASGOW.

Telephone: KELVIN 33.

JAMES ALLAN, SENR., & CO.

STRUCTURAL ENGINEERS AND IRONWORKERS

LAMBHILL IRONWORKS

GLASGOW

To Mr. W.H. Hamer,
 Engineer,
 Auckland Harbour Board
 Auckland, New Zealand

ORDER No. L.F.90

Nos.	PACKAGES.	MEASUR	Gross			Net		
			lbs	ozs	lbs	ozs	lbs	ozs
98	1	9'5"x 10 1/2'	15	14 2	-	-	-	-
99	1	9'8"x 11 1/2'	11	14 2	7	-	-	-
100	1	10'5"x "	8	17	-	-	-	-
127-128	2	10'3"x 13'	-	11	3	-	-	-
129-130	2	10'4"x "	14	10 5	3	-	-	-
131	1	3'2"x 1'4'	1	1	-	-	-	-

TELEGRAM ADDRESS:
"ELECTIONS," GLASGOW.
TELEPHONE: KELVIN 33.

INVOICE.

AB/MB

Invoice No. _____
Date, **10/5/23**

JAMES ALLAN, SENR. & SON, LTD.,
LAMBHILL IRONWORKS, GLASGOW.

Sold to
Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Consigned to
Shipped per S.S. "Cumberland"
at Glasgow.

CONSTRUCTIONAL ENGINEERS AND WROUGHT METAL WORKERS MANUFACTURERS OF	Order No. L.F.90	Order Received. 13/4/22	Your Order No. Contract 689	Terms. Nett cash
<p>STRUCTURES IN CAST IRON AND STEEL VERANDAHS : PORCHES BANDSTANDS : SHELTERS</p> <p>ENGINEERING WORKS GAS AND CEMENT WORKS TRAMWAY DEPOTS BREWERIES : TANNERIES FOUNDRIES : COLLIERIES</p> <p>ELECTRIC POWER HOUSES TRACTION STATIONS PAPER AND COTTON MILLS WEAVING AND JUTE MILLS</p> <p>AEROPLANE HANGARS AIRSHIP SHEDS SEAPLANE SHEDS BUILDING, DISMANTLING AND FINISHING SHEDS</p> <p>AGRICULTURE AND PRODUCE STORES HAY AND GRAIN SHEDS COVERED CATTLE YARDS FARM STEADINGS</p> <p>SHIPBUILDING YARDS TOWERS AND TRESTLES HARBOUR STORAGE AND RAILWAY SHEDS STATION BUILDINGS BUILT STANCHIONS AND GIRDERS</p> <p>BUNGALOWS GODOWNS : TEA-HOUSES LEAF WITHERING HOUSES RUBBER FACTORIES COOLIE LINES, ETC.</p> <p>BRIDGES FOR FOOT, ROAD AND RAILWAY TRAFFIC</p>	<p><u>Railings & Gates.</u></p> <p>2 Large Double Leaf Gates</p> <p>1 Double leaf gate</p>			<p>£1095 0 0</p>
<p>ELECTRIC POWER HOUSES TRACTION STATIONS PAPER AND COTTON MILLS WEAVING AND JUTE MILLS</p> <p>AEROPLANE HANGARS AIRSHIP SHEDS SEAPLANE SHEDS BUILDING, DISMANTLING AND FINISHING SHEDS</p> <p>AGRICULTURE AND PRODUCE STORES HAY AND GRAIN SHEDS COVERED CATTLE YARDS FARM STEADINGS</p> <p>SHIPBUILDING YARDS TOWERS AND TRESTLES HARBOUR STORAGE AND RAILWAY SHEDS STATION BUILDINGS BUILT STANCHIONS AND GIRDERS</p> <p>BUNGALOWS GODOWNS : TEA-HOUSES LEAF WITHERING HOUSES RUBBER FACTORIES COOLIE LINES, ETC.</p> <p>BRIDGES FOR FOOT, ROAD AND RAILWAY TRAFFIC</p>	<p>All in accordance with detailed drawings, painted one coat, packed for shipment, and delivered C.I.F. Auckland.</p> <p>A.H.B. 98-100) 7 Pieces Wrot Ironwork.</p> <p>AUCKLAND. 127-131) 1 Box Gate fittings.</p>			
<p>AND AT ELMBANK FOUNDRY</p> <p>ORNAMENTAL STRUCTURES IRON STAIRCASES GATES AND RAILINGS LAMP-PILLARS, COLUMNS</p> <p>SANITARY STRUCTURES URINALS AND W.C.'S BATHS : LAVATORIES RAIN-WATER, SOIL DRAIN, HOT-WATER PIPES AND CONNECTIONS</p> <p>ENGINEERS' AND GENERAL CASTINGS</p>	<p><i>W.S.P.</i></p>			

22nd June 1923

The Secretary

CONTRACT NO. 689 - Gates & Fences

I have today received shipping documents for the last pieces, which will complete the above contract.

These are expected to arrive here in the "Cumberland" on 1st July.

Payment has to be made in London when all parts have been received here in good order and condition.

Will you please arrange accordingly on receipt of advice from us as to condition.

Yours truly,

ENGINEER TO THE BOARD

Copy of my letter to Contractors dated 7 April, 23. 28

~~to~~ him / Gates for H. H. B.

Railway gate. owing to the weight of these gates it is necessary to strengthen the top stay supporting the gates to the Pillasters.

at present the top stay consists of the cast iron ornament fitted on to the two bars forming the sides of the Pillaster, thus - and I suggested to your draughtsmen that a H. I. buckle be fitted on to the two bars just below the casting, as shown in sketch to red.



Plan

12. 2 1/2 Extra Gate - the above remarks apply to this gate also.

Roadway Gate - on examining the 4 sets of roadway gates that were not despatched I found the top castings that form the above bracing were actually boxed in ready for shipment without being leaded up. and I particularly request you to have these properly done. I will be obliged to notify the Engineer at Auckland as to the two gates already despatched in case they were similarly neglected.

I await the photographs you are preparing, & note you are endeavouring to make final shipment by the 12th inst.

As to your shipping list dated 3.3.23. -

I cannot identify the following from drawing No 1800. 3rd -

No. 67 -	1 Half gate H	---	Is this H ¹ ?
- 68 -	do P	---	see No 72 below.
- 70 -	do H	---	Is this H ² ?
- 72 -	do P	---	I cannot find a second P.
- 56 -	Should this read O?	---	I cannot find two M ^s .

Yours faithfully
Sgt. M. Anderson



Contract No 689.

JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836

CONSTRUCTIONAL ENGINEERS

LAMBHILL IRONWORKS

LAMBHILL

GLASGOW

WSP/IMCE.

12th April, 1923.

CONTRACTORS TO THE
ADMIRALTY, WAR OFFICE AND
GOVERNMENT DEPARTMENTS.

CONSTRUCTIONAL ENGINEERS

& WROUGHT METAL WORKERS

MANUFACTURERS OF STRUCTURES

IN CAST IRON & STEEL
VERANDAHS - PORCHES
BANDSTANDS - SHELTERS

ENGINEERING WORKS

GAS & CEMENT WORKS
- TRAMWAY DEPOTS -
BREWERIES - TANNERIES
FOUNDRIES - COLLIERIES

ELECTRIC POWER HOUSES

TRACTION STATIONS
PAPER & COTTON MILLS
WEAVING & JUTE MILLS

AEROPLANE HANGARS

- AIRSHIP SHEDS -
SEAPLANE SHEDS
AERO ENGINE SHEDS
BUILDING - DISMANTLING
AND FINISHING SHEDS

AGRICULTURE

AND PRODUCE STORES
HAY AND GRAIN SHEDS
COVERED CATTLE YARDS
- FARM STEADINGS -

SHIPBUILDING YARDS

TOWERS AND TRESTLES
- HARBOUR - STORAGE -
AND RAILWAY SHEDS
STATION BUILDINGS
BUILT STANCHIONS
- AND GIRDERS -

BUNGALOWS

GODOWNS - TEA HOUSES
LEAF WITHERING HOUSES
RUBBER FACTORIES
COOLIE LINES - ETC.

BRIDGES

FOR FOOT ROAD AND
RAILWAY TRAFFIC

AND AT

ELMBANK FOUNDRY

ORNAMENTAL STRUCTURES

IRON STAIRCASES
GATES AND RAILINGS
LAMP - PILLARS - COLUMNS

SANITARY STRUCTURES

URINALS AND W.C.'S.
BATHS - LAVATORIES
RAIN - WATER - SOIL
DRAIN - HOT - WATER
PIPES & CONNECTIONS

ENGINEERS AND GENERAL CASTINGS

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.

LONDON OFFICE:
39 LOMBARD STREET, E.C.3.

TELEGRAMS:

LAMBHILL IRONWORKS,
ERECTOR, GLASGOW.

ELMBANK FOUNDRY,
ELMBANK, GLASGOW.

LONDON OFFICE,
GIRDERS, STOCK, LONDON.

TELEPHONES:

LAMBHILL, KELVIN, 33.
ELMBANK, DOUGLAS, 631, 632, 633.
LONDON, AVENUE, 7899.

W. T. Andrews, Esq.,
11, Ranlagh Villas,
H O V E.



Dear Sir,

AUCKLAND HARBOUR BOARD - OUR O/NO. Lf90.

Railway Gates. We have to thank you for your favour of the 7th instant, instructing us to strengthen the top stay supporting gates to the pilasters. We have introduced the buckles as requested by you, and will charge up on completion.

Roadway Gates. The writer regrets very much indeed to learn that the four sets of Roadway Gates that were not despatched had not the top ornamental portion leaded in. Definite instructions were given that this work should be carried out, and we cannot understand why the packing was allowed to proceed before this portion of the work was completed. This work has now been carried out in connection with those Gates which are in our Works, but, unfortunately, this does not overcome the fact that two of the gates have gone forward and that this will require

NOTE - THESE are marked on drawing N° 1800.
to be done at site. H². I. O. P.

We hope to send forward to you a /-

From James Allan, Senr., & Son, Ltd.

GLASGOW.

To

W. T. Andrews, Esq.,
H O V E .

12th April, 1923.

a photograph of the Gates in the course of the next few days.

On referring to the shipping list and drawings, we find that Item 67, one half Gate "H" should read one half Gate "H1"; Item 68, one half Gate "P". This Gate is adjacent to Pillar "P". Item 70, one half Gate "H"; this should read "H2". Item 72, one half Gate "P"; this should read "O", and is adjacent to pillar "O". Item 56 should read "O".

We regret very much that these errors have apparently slipped through in typing, and thank you for bringing the matter to our notice.

We are,

Yours faithfully,

For Jas. Allan, Senr. & Son Ltd.
LAMBHILL IRON WORKS,

W. S. Parman Manager.

Please note - on the 11th May. I received
an invoice for the Extra gate ordered, the items
being as follows -

Roadway Gate Pilaster
one smaller
one single ^{and} Gate 12 2 1/2 opening.

£ 140.
55.
125
£ 320

and on the 18th May, received the attached invoice for
the same extras - priced £ 354.

Needless to say I endorsed the original invoice
for £ 320.

M. T. Andrews
2.6.23.



JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836

CONSTRUCTIONAL ENGINEERS AB/MB

LAMBHILL IRONWORKS

LAMBHILL

GLASGOW 17th May, 1923.

CONTRACTORS TO THE
ADMIRALTY, WAR OFFICE AND
GOVERNMENT DEPARTMENTS.

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.
LONDON OFFICE:
39 LOMBARD STREET, E.C. 3.

TELEGRAMS:
LAMBHILL IRONWORKS,
ERECTOR, GLASGOW.
ELMBANK FOUNDRY,
ELMBANK, GLASGOW.
LONDON OFFICE,
GIRDERS, STOCK, LONDON.

TELEPHONES:
LAMBHILL, KELVIN, 33.
ELMBANK, DOUGLAS, 631, 632, 633.
LONDON, AVENUE, 7899.



CONSTRUCTIONAL
ENGINEERS
& WROUGHT METAL WORKERS

MANUFACTURERS OF
STRUCTURES

IN CAST IRON & STEEL
VERANDAHS · PORCHES
BANDSTANDS · SHELTERS

ENGINEERING WORKS

GAS & CEMENT WORKS
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ELECTRIC POWER HOUSES

TRACTION STATIONS
PAPER & COTTON MILLS
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AEROPLANE HANGARS

· AIRSHIP SHEDS ·
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BUNGALOWS

GODOWNS · TEA HOUSES
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RUBBER FACTORIES
COOLIE LINES · Etc.

· BRIDGES ·

FOR FOOT ROAD AND
· RAILWAY TRAFFIC ·

· · · AND AT · · ·

ELMBANK FOUNDRY

ORNAMENTAL STRUCTURES

IRON STAIRCASES

GATES AND RAILINGS

LAMP · PILLARS · COLUMNS

SANITARY STRUCTURES

URINALS AND W.C.'S.

BATHS · LAVATORIES

RAIN · WATER · SOIL

DRAIN · HOT · WATER

PIPES & CONNECTIONS

ENGINEERS AND
GENERAL CASTINGS

W.T. Andrews Esq.,
11, Ranelagh Villas,
HOVE.

Dear Sir,

ORDER NO. L.F.90. AUCKLAND HARBOUR BOARD.
RAILINGS AND GATES.

We duly received your favour of the
12th inst., and enclose herewith shipping specifications
for shipments made per the S.S. "Mahia" and "Tairoa" at
Glasgow, on the 16th February, and 13th April, respectively.

With reference to your remark
regarding the shipping specification for materials shipped
per the S.S. "Cumberland", the third item should read one
Gate "R" and not one half gate. Fourth and fifth items
should read 2 Half gates, marked 1/D, 1/E, and 2 Half gates
1/J and 1/K respectively.

With regard to the photographs we will
have prints sent forward to you immediately these come to
hand from the Photographers.

Trusting that this now puts everything
in order.

We also enclose herewith invoice in

P.T.O.



CONTINUATION SHEET, PAGE 2

From James Allan, Senr., & Son, Ltd.
Co W.T. Andrews Esq.,

GLASGOW.

/in triplicate for the extra materials supplied against the
above contract. Kindly certify invoice and return at your
earliest convenience.

We are,

Yours faithfully,

For Jas. Allan, Senr. & Son Ltd.
LAMBHILL IRON WORKS.

A. Gray
Asst. Manager

TELEGRAM ADDRESS:
"ERESTIONS," GLASGOW.
TELEPHONE: KELVIN 33.

INVOICE.

AB/MB

Invoice No. _____
Date, **10/5/23**

JAMES ALLAN, SENR. & SON, LTD.,
LAMBHILL IRONWORKS, GLASGOW.

Sold to
Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Consigned to
Shipped per S.S. "Cumberland"
at Glasgow.

	Order No.	Order Received.	Your Order No.	Terms.
CONSTRUCTIONAL ENGINEERS AND WROUGHT METAL WORKERS MANUFACTURERS OF STRUCTURES IN CAST IRON AND STEEL VERANDAHS : PORCHES BANDSTANDS : SHELTERS ENGINEERING WORKS GAS AND CEMENT WORKS TRAMWAY DEPOTS BREWERIES : TANNERIES FOUNDRIES : COLLIERIES ELECTRIC POWER HOUSES TRACTION STATIONS PAPER AND COTTON MILLS WEAVING AND JUTE MILLS AEROPLANE HANGARS AIRSHIP SHEDS SEAPLANE SHEDS BUILDING, DISMANTLING AND FINISHING SHEDS AGRICULTURE AND PRODUCE STORES HAY AND GRAIN SHEDS COVERED CATTLE YARDS FARM STEADINGS SHIPBUILDING YARDS TOWERS AND TRESTLES HARBOUR STORAGE AND RAILWAY SHEDS STATION BUILDINGS BUILT STANCHIONS AND GIRDERS BUNGALOWS GODOWNS : TEA-HOUSES LEAF WITHERING HOUSES RUBBER FACTORIES COOLIE LINES, ETC. BRIDGES FOR FOOT, ROAD AND RAILWAY TRAFFIC AND AT ELMBANK FOUNDRY ORNAMENTAL STRUCTURES IRON STAIRCASES GATES AND RAILINGS LAMP-PILLARS, COLUMNS SANITARY STRUCTURES URINALS AND W.C.'S BATHS : LAVATORIES RAIN-WATER, SOIL, DRAIN, HOT-WATER PIPES AND CONNECTIONS ENGINEERS' AND GENERAL CASTINGS	LF90	13/4/22	Contract 689	Nett Cash
<u>Railings & Gates</u>				
				£169 0 0
				55 0 0
				130 0 0
				£354 0 0
<p>The above are additional to contract quantity and due to alteration at extreme end of King's Wharf Approach.</p> <p><i>See amended invoice dates same date but rec'd here 25/12/23</i></p>				

11 Ranelagh Villas. Home. 28

June 2nd 1923.

W. H. Hammer, Esq. M. S. C. E.

~~W. H. Hammer~~

Contract N° 589. Gate & Fence

Owing to delays incurred in the numerous correspondence & references between the Contractors (Messrs Allan Law & Sons) and myself, I have been unable to complete my final report to you, and feel I cannot further wait their final replies before advising you of the position. Their attitude from the beginning appeared dilatory, without method or despatch. My letter to them dated May 18, with reminders since (a copy of which follows) still remains unanswered.

Copy of letter to Mr. J. Allan dated 18.5.23.

Again, I am in receipt of your favour of 14th inst. with Enclosures.

Please note -

- (a) The 'Existing Post' is marked (T) on drawing N° 1800, but you do not appear to mention the small pilaster marked (T) adjoining the small wicket gate (S), in your shipping lists.
- (b) Referring to shipping lists, dated 13.4.23 - and 8.5.23 -
item N° 97. 1 half gate, B₁ (13.4.23) } should not one of these
" " 98. do " B₁ (8.5.23) } be B₂?
- (c) Shipping list dated 13.4.23 -
item N° 121 ... 1 wicket gate } there is only one wicket gate.
" 125 ... 1 wicket gate }

Enclosed please find invoices for extras ordered by Mr. Hammer for extra gate - duly certified.

I note you will send me the Photos in due course.

As soon as I get their final replies I will advise you.

Enclosed please find four copies of shipping lists with amended notes thereon to red. & marked in blue pencil (1). (2). (3). (4).

also two typical examples of the correspondence enclosed marked  and .

I have been much anxious about this Contract, for to be frank, it seemed almost to require daily supervision, and I hope you will find all in order.

I am Sir,

Yours faithfully,

W. T. Andrews.

11 Ransley Villas. Home.

June. 5th 1923.

H. W. Tanner. Esq. R. I. C. E.

Dear Sir.

Contract No 689. Gate & Fences

Further to my letter to you dated 2nd inst. I have received the enclosed reply from the Contractors dated 4th inst.

As this completes the quantities as shown on the general arrangement No 1800, I trust you will find same in order.

I am Sir,
Yours faithfully,

W. J. Andrews

JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836

CONSTRUCTIONAL ENGINEERS AB/MB

LAMBHILL IRONWORKS
LAMBHILL
GLASGOW

CONTRACTORS TO THE
ADMIRALTY, WAR OFFICE AND
GOVERNMENT DEPARTMENTS.

4th June, 1923.

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.
LONDON OFFICE:
39 LOMBARD STREET, E.C. 3

TELEGRAMS:-
LAMBHILL IRONWORKS,
ERECTOR, GLASGOW.
ELMBANK FOUNDRY,
ELMBANK, GLASGOW.
LONDON OFFICE:
GIRDERS, STOCK, LONDON.

TELEPHONES:-
LAMBHILL, KELVIN, 33.
ELMBANK, DOUGLAS, 631, 632, 633.
LONDON, AVENUE, 7899.

CONSTRUCTIONAL
ENGINEERS
& WROUGHT METAL WORKERS

MANUFACTURERS OF
STRUCTURES

IN CAST IRON & STEEL
VERANDAHS - PORCHES
BANDSTANDS - SHELTERS

ENGINEERING WORKS

GAS & CEMENT WORKS
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ELECTRIC POWER HOUSES

TRACTION STATIONS
PAPER & COTTON MILLS
WEAVING & JUTE MILLS

AEROPLANE HANGARS

AIRSHIP SHEDS
SEAPLANE SHEDS
AERO ENGINE SHEDS
BUILDING - DISMANTLING
AND FINISHING SHEDS

AGRICULTURE

AND PRODUCE STORES
HAY AND GRAIN SHEDS
COVERED CATTLE YARDS
FARM STEADINGS

SHIPBUILDING YARDS

TOWERS AND TRESTLES
HARBOUR STORAGE
AND RAILWAY SHEDS
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BUILT STANCHIONS
AND GIRDERS

BUNGALOWS

GODOWNS - TEA HOUSES
LEAF WITHERING HOUSES
RUBBER FACTORIES
COOLIE LINES - ETC.

BRIDGES

FOR FOOT ROAD AND
RAILWAY TRAFFIC

AND AT

ELMBANK FOUNDRY
ORNAMENTAL STRUCTURES

IRON STAIRCASES
GATES AND RAILINGS
LAMP-PILLARS - COLUMNS

SANITARY STRUCTURES

URINALS AND W.C.'S.
BATHS - LAVATORIES
RAIN - WATER - SOIL
DRAIN - HOT - WATER
PIPES & CONNECTIONS

ENGINEERS' AND
GENERAL CASTINGS

W.T. Andrews, Esq.,
11, Ranelagh Villas,
H O V E.

Dear Sir,

O/NO. L.F.90. RAILINGS & GATES A.H.B.

We duly received your favours of the 18th
and 29th ult., and have now investigated the queries
raised by you.

(A & C) Shipping list dated 13/4/23.

Kindly note item No. 125 should read:-

1 Wicket Gate Pilaster and NOT 1 Wicket Gate. ✓

This clears up both these queries.

(B) Shipping list dated 13/4/23.

Item No. 98 should read:-

1 Half Gate "B2" and NOT "B1" as stated in
shipping specification.

We very much regret these small errors on
our part, but these have not been caught up when the
shipping lists have been checked.

We enclose herewith photo print of the

P.T.O.

CONTINUATION SHEET, PAGE 2

From James Allan, Senr., & Son, Ltd.

GLASGOW.

To W.T. Andrews Esq.,
HOVE.

/of the large double leaf gate, which, we trust you will find
useful to you.

We are,

Yours faithfully,

For Jas. Allan, Senr. & Son Ltd.

LAMBHILL IRON WORKS.

A. Collier
Asst. Manager

Campbell

COPY OF VABLE RECEIVED FROM MESSRS. W. & A. MC ARTHUR LTD.

LONDON, Dated London 2th. July, 1923.

HOVNY/WEOSF
weoIf

Contract No.
689

(gate expenses)

HUSEP/ZOHAE

Contractors
Request me to telegraph you as follows

ZATCY/NIRCY
Nirck

Last shipment (per ---)
Now due at (--)

YEODF/WLYOJ

Auckland
Will be obliged if you will

HEYJS/YAGGO

Consent
Immediate payment

ZOSFE/IPKCO

To them
£4,500

AXEHM/ZOGYA

Do you agree
Please telegraph immediately

Mr. Bennett rang up on 3 July & asked if we could certify for payment. I told him the goods were not then discharged from the ship, and perhaps would be 2 or 3 days, so he said he would cable to London for payment as above to be made, as we had a fair margin on hand.

5th July 1923

The Secretary

GATES & FENCES

We have received ex "Cumberland" eight packages of Gates & Fences. These are in a damaged condition, and estimated to cost £15 to make good.
Please notify the Shipping Co.

Charge to 2667 15/8ps

ENGINEER TO THE BOARD

Memorandum.

From . . .
FOREMAN OF WORKS

Gates & fences.

5 July 1923
To *The Engineer*
Auckland Har Board.

Sir,

I beg to report that We have received the last
consignment of gates & fences which has
arrived ex *Cambridge* in a damaged condition.
I estimate it will cost £ 15/- to make good
This damage which I now understand is a
charge against The Shipping Co

White

9th August 1923

The Secretary

CONTRACT NO.689 - Gates & Fences

Re mine of 22nd June.

All parts have now been received with the exception of the glazing for the lanterns.

Please advise London Agents (week-end cable will do) to pay Messrs. Jas. Allen Senr. & Son Ltd :-

Original tender	£6850- 0- 0
Plus half-duty (documents to be verified by our Agents)	--- -- --
Plus for extra gate and posts	<u>354- 0- 0</u>
<u>Less</u> held back for glazing not yet supplied, and making good small damaged parts	25- 0- 0

Unless the glass arrives immediately, we will have to do the work and charge against the contract, as we cannot wait if they have omitted to forward same.

ENGINEER TO THE BOARD

AUCKLAND HARBOUR BOARD.

No 3109

Memorandum.

From ...
FOREMAN OF WORKS
Gates & Fences Quay St.

August 15th 1923
To The Engineer
A.H.B.

Sir,

I beg to report that the estimate for repairing Gates & Fences esp to ~~Bunkerland~~ is made up as follows.

Labour Blacksmiths	35 @ 2/12								3. 14. 0
"	35 hrs @ 1/9 1/2								3. 1. 10
"	24 hrs @ 1/11	2. 6. 0							2. 6. 0
"	Gas. (2.50)								2. 5. 6
"	Carriage								16. 0
"	Pass.								5. 0
									13. 12. 8
									12. 8. 4
									11. 12. 3

Change 2667

White

JAMES ALLAN, SEN^R & SON, LTD

ESTABLISHED 1836

CONSTRUCTIONAL ENGINEERS AB/MB

LAMBHILL IRONWORKS

LAMBHILL

GLASGOW 13th September, 1923.



CONTRACTORS TO THE
ADMIRALTY, WAR OFFICE AND
GOVERNMENT DEPARTMENTS.

CONSTRUCTIONAL
ENGINEERS
& WROUGHT METAL WORKERS

MANUFACTURERS OF
STRUCTURES

IN CAST IRON & STEEL
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ELECTRIC POWER HOUSES

TRACTION STATIONS
PAPER & COTTON MILLS
WEAVING & JUTE MILLS

AEROPLANE HANGARS

· AIRSHIP SHEDS ·
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TOWERS AND TRESTLES
· HARBOUR · STORAGE ·
AND RAILWAY SHEDS
STATION BUILDINGS
BUILT STANCHIONS
· AND GIRDERS ·

BUNGALOWS

GODOWNS · TEA HOUSES
LEAF WITHERING HOUSES
RUBBER FACTORIES
COOLIE LINES Etc.

· BRIDGES ·

FOR FOOT ROAD AND
· RAILWAY TRAFFIC ·

· · · AND AT · · ·

ELMBANK FOUNDRY

ORNAMENTAL STRUCTURES

IRON STAIRCASES
GATES AND RAILINGS
LAMP · PILLARS · COLUMNS

SANITARY STRUCTURES

URINALS AND W.C.'S.
BATHS · LAVATORIES
RAIN · WATER · SOIL
DRAIN · HOT · WATER
PIPES & CONNECTIONS

ENGINEERS AND
GENERAL CASTINGS

W. H. Hamer, Esq.,
Engineer,
Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Dear Sir,

RAILINGS & GATES - O/NO. L.F.90 -

We enclose herewith our final invoice
amounting to £320/-/- for extra material, each invoice
being certified by Mr. Andrews, Inspector.

We shall be glad if you will now let us
have cheque in full and final settlement of this contract.

Thanking you in anticipation.

We are,

Yours faithfully,

For Jas. Allan, Sen. & Son Ltd
LAMBHILL IRONWORKS,

W.S. Parnian Manager

HEAD OFFICE:
ELMBANK FOUNDRY,
GLASGOW.
LONDON OFFICE:
39 LOMBARD STREET, E.C.3.

TELEGRAMS:-
LAMBHILL IRONWORKS,
ERECTOR, GLASGOW.
ELMBANK FOUNDRY,
ELMBANK, GLASGOW.
LONDON OFFICE:
GIRDERS, STOCK, LONDON.

TELEPHONES:-
LAMBHILL, KELVIN, 33.
ELMBANK, DOUGLAS, 631, 632, 633.
LONDON, AVENUE, 7899.



TELEGRAM ADDRESS:
"JECTIONS," GLASGOW.

TELEPHONE: KELVIN 33.

INVOICE.

AB/MB

Invoice No. _____

Date, 10/5/23

JAMES ALLAN, SENR. & SON, LTD.,
LAMBHILL IRONWORKS, GLASGOW.

Sold to
Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Consigned to
Shipped per S.S. "Cumberland"
at Glasgow.

RECEIVED
AUCKLAND
HARBOUR BOARD
OCT 25 1923
Terms.
Engineer's Department

	Order No.	Order Received.	Your Order No.	Nett cash
CONSTRUCTIONAL ENGINEERS AND WROUGHT METAL WORKERS MANUFACTURERS OF STRUCTURES IN CAST IRON AND STEEL VERANDAHS : PORCHES HANDSTANDS : SHELTERS ENGINEERING WORKS GAS AND CEMENT WORKS TRAMWAY DEPOTS BREWERIES : TANNERIES FOUNDRIES : COLLIERIES ELECTRIC POWER HOUSES TRACTION STATIONS PAPER AND COTTON MILLS WEAVING AND JUTE MILLS AEROPLANE HANGARS AIRSHIP SHEDS SEAPLANE SHEDS BUILDING, DISMANTLING AND FINISHING SHEDS AGRICULTURE AND PRODUCE STORES HAY AND GRAIN SHEDS COVERED CATTLE YARDS FARM STEADINGS SHIPBUILDING YARDS TOWERS AND TRESTLES HARBOUR STORAGE AND RAILWAY SHEDS STATION BUILDINGS BUILT STANCHIONS AND GIRDERS BUNGALOWS GODOWNS : TEA-HOUSES LEAF WITHERING HOUSES RUBBER FACTORIES COOLIE LINES, ETC. BRIDGES FOR FOOT, ROAD AND RAILWAY TRAFFIC AND AT ELMBANK FOUNDRY ORNAMENTAL STRUCTURES IRON STAIRCASES GATES AND RAILINGS LAMP-PILLARS, COLUMNS SANITARY STRUCTURES URINALS AND W.C.'S BATHS : LAVATORIES RAIN-WATER, SOIL DRAIN, HOT-WATER PIPES AND CONNECTIONS ENGINEERS' AND GENERAL CASTINGS	L.F. 90	13/4/22	Contract 689	
<u>Railings & Gates.</u>				
1) One Roadway Gate Pilaster				£140 0 0
2) One Small " "				55 0 0
3) One single leaf gate 12' 2½" opening.				125 0 0
				£320 0 0
The above are additional to contract quantity and due to alteration at extreme end of Kings Wharf Approach.				
<i>The above three items (1), (2), (3) have been examined during construction, and found Satisfactory.</i>				
<i>W. T. Andrews</i>				
<i>18.5.23</i>				
<i>W.S.P.</i>				
<i>Paid this 25/10/23</i>				

Suppliers

TELEGRAM ADDRESS:
"ERECTOR'S," GLASGOW.

TELEPHONE: KELVIN 33.

INVOICE.

AB/MB

Invoice No. _____

Date, **10/5/23**

JAMES ALLAN, SENR. & SON, LTD.,
LAMBHILL IRONWORKS, GLASGOW.

Sold to

Auckland Harbour Board,
Auckland,
NEW ZEALAND.

Consigned to

Shipped per S.S. "Cumberland"
at Glasgow.

AUCKLAND
HARBOUR BOARD
OCT 25 1923
Terms.
Engineer's Department

CONSTRUCTIONAL ENGINEERS

AND WROUGHT METAL WORKERS
MANUFACTURERS OF

STRUCTURES

IN CAST IRON AND STEEL
VERANDAHS : PORCHES
BANDSTANDS : SHELTERS

ENGINEERING WORKS

GAS AND CEMENT WORKS
TRAMWAY DEPOTS
BREWERIES : TANNERIES
FOUNDRIES : COLLIERIES

ELECTRIC POWER HOUSES

TRACTION STATIONS
PAPER AND COTTON MILLS
WEAVING AND JUTE MILLS

AEROPLANE HANGARS

AIRSHIP SHEDS
SEAPLANE SHEDS
BUILDING, DISMANTLING
AND FINISHING SHEDS

AGRICULTURE

AND PRODUCE STORES
HAY AND GRAIN SHEDS
COVERED CATTLE YARDS
FARM STEADINGS

SHIPBUILDING YARDS

TOWERS AND TRESTLES
HARBOUR STORAGE
AND RAILWAY SHEDS
STATION BUILDINGS
BUILT STANCHIONS
AND GIRDERS

BUNGALOWS

GODOWNS : TEA-HOUSES
LEAF WITHERING HOUSES
RUBBER FACTORIES
COOLIE LINES, ETC.

BRIDGES

FOR FOOT, ROAD AND
RAILWAY TRAFFIC

AND AT

ELMBANK FOUNDRY

ORNAMENTAL STRUCTURES

IRON STAIRCASES
GATES AND RAILINGS
LAMP-PILLARS, COLUMNS

SANITARY STRUCTURES

URINALS AND W.C.'S
BATHS : LAVATORIES
RAIN-WATER, SOIL
DRAIN, HOT-WATER
PIPES AND CONNECTIONS

**ENGINEERS' AND
GENERAL CASTINGS**

Order No.	Order Received.	Your Order No.	Terms.
L.F.90	13/4/22	Contract 689	Nett cash

Railings & Gates.

(1) One Roadway Gate Pilaster	£140	0	0
(2) One Small " "	55	0	0
(3) One single leaf gate 12'2½" opening.	125	0	0
	<hr/>		
	£320	0	0

The above are additional to contract quantity and due to alteration at extreme end of Kings Wharf Approach.

The above three items (1) (2) (3) - have been examined during construction, and found satisfactory.

W. T. Andrews

18/5/23

W.S.P.

Memorandum.

From . . .

FOREMAN OF WORKS

Gates & Fences etc fallen from

August 10th 1923

To The Engineer

ATB

Sir,

I beg to report that the whole of the Gates & Fences have been received and erected.

The only damage, recoverable was the shipment ex the Cumberland, see report NR 3076 5/7/23 and is a charge against the Shipping Coy.

detail of damage & report
mis. p. 10 - 1 min. ed. only

see charge 2667.
see " Blue 3109.

Whitke

Canberra House,
18 & 19, Silk Street, Cripplegate.

London, E.C. 2. August 18th 1923.

Mess^{rs} The Auckland Harbour Board, N.Z.

Dr to W & A. McArthur, Ltd

Contract No. 689 - Gates & Fencing

To Commission on payment made to Messrs.
James Allan Senr. & Son, Ltd., as per
your cable 17/8/1923.

1 1/2 1700/-/-

£ 21 5 -

Canberra House,
18 & 19, Silk Street, Cripplegate,

London, E.C.2. Oct. 4th. 1923.

Mess^{rs} The Auckland Harbour Board, Auckland, N.Z

Dr to W & A. McArthur, Ltd

Jas. Allan Senr. & Son, Ltd.

To Commission on Contract No. 689

1½% on £7,567.17.2.
as per your letter 27/8/23.

94 12 -

LESS:-

Commission on payments made,
al ready debited -- £4500.0.0.
1700.0.0.

1½% on £6200.0.0.

77 10 -

Balance

£17 2 - £17 2 -

25th October 1923

The Secretary

CONTRACT NO. 689- Gates & Fences

I have today received the attached from Messrs. James Allan Senr. & Son Ltd., being final voucher (amounting to £320) against their contract.

They are asking for cheque in full and final settlement, and as all parts are now to hand, including the glazing, I suggest that we should now pay their account which is (less what you have paid them, and paid to Customs on their behalf):-

Contract	£6850.	
Extras as per this invoice	<u>320</u>	£7170
Plus half the duty on contract as agreed.		

L

ENGINEER TO THE BOARD

28th November 1923

GATES & FENCES QUAY STREET- September 1923
 (From East Side Queens Wharf to Low Level Landing Kings Wharf)

Length of Gates	232' 0"
" " Fences	788' 3"
Total lineal feet	<u>1020' 3"</u>

Contract placed	21st March 1922
Due for delivery	18th January 1923
Actually delivered	5th July 1923
Weight	110:4:1:22
"	110.222tons.

	Cost	Per lin.ft. of Gates & Fences	Per ton weight ofG&F
Allans Contract for Gates & Fences delivered at Auckland Duty Paid.			
Contract, including half duty	£7833- 0- 10)		
Inspection fees etc.	140-19- 8)		
Wharfage & Crane Dues	33- 8- 7)		
Cables, advertising etc.	35-14- 2)	£8043	£7- 17- 9
			£72-19- 5
Erecting (Labour only):-			
Cut holes for posts etc.	171- 0- 0)		
Concrete	4-10- 0)		
Erecting	221- 0- 0)		
Unpacking	7- 0- 0)		
Odds	18-10- 0)		
Remove old fence)		
" water supply) 20- 0- 0)		
" Tally Clerks Office))	442	8- 8
			4- 0- 2
Materials for erecting	52	1- 0	9- 5
Cartage	22	5	4- 0
Painting:			
Labour	210- 0- 0)		
Materials	80- 0- 0)	290	5- 8
			2-12- 7
		<u>£ 8849</u>	<u>£8- 13- 6</u>
			<u>£80- 5- 7</u>

26TH NOVEMBER 1923

GATES & FENCES QUAY STREET - September 1923
 (From East Side Queens Wharf to Low Level Landing Kings Wharf)

Length of Gates 232' 0"
 " " Fences 788' 3"
 Total lineal feet 1020' 3"

Contract placed 21st March 1922
 Due for delivery 18th January 1923
 Actually delivered 5th July 1923.
 Weight 110:4:1:22
 = 110.222 tons.

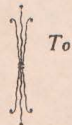
	Cost	Per lin.ft. of Gates & Fences	Per ton weight of G. & F.
Allans Contract for Gates & Fences delivered at Auckland Duty Paid.			
Contract, including half duty £7833- 0- 10)			
Inspection fees etc. 140-19- 8)			
Wharfage & Crane Dues 33- 8- 7)			
Cables, advertising etc. 35-14- 2)	£8043	£7- 17- 9	£72- 19- 5
Erecting (labour only):-			
Cut holes for posts etc. 171- 0- 0)			
Concrete 4-10- 0)			
Erecting 221- 0- 0)			
Unpacking 7- 0- 0)			
Odds 18-10- 0)			
Removing old fence)			
" water supply) 20- 0- 0)	442	8- 8	4- 0- 2
" Tally Clerks Office))			
Materials for erecting	52	1- 0	9- 5
Cartage	22	5	4- 0
Painting:			
Labour 210- 0- 0)			
Materials 80- 0- 0)	290	5- 8	2- 12- 7
	<u>£8849</u>	<u>£8- 13- 6</u>	<u>£80- 5- 7</u>

Auckland Harbour Board

MEMORANDUM

FROM

Foreman of Works.



To

September 10th 1923

THE ENGINEER

L. 27240

Gates & Fences Quay St. from Quay St to corner

Labour.

Erection only

of low landing Kings Wharf

not painting see attached

Concrete	4	11	4
cut Holes.	160	9	3
Blacksmiths	4	6	3
Erect.	205	9	2
Survey.		7	2
unpacking	7	2	4
Loading.	3	5	1
Electric lighting.	10	2	
Acetone cutting	1	1	2
	£	396	13 9

Demolish post and rail fence.	5	16	11
Remove Water supply.	5	11	5
Tally Clerk's Office (mbox)	8		
	£	19	8 4

Analysis.

	£	s	d.
Labour Erecting etc (includes receiving)	396	13	9
" clearing site.	19	8	4
Material	48	3	11
Cartage.	22	7	1
Hire of Trucks and jacks.	3	10	
	£	490	3 1

216. 8 1/2 of gates

806. 7 1/2 of fences

1023 1/4 of gates & fences cost £490 to erect = $\frac{490 \times 20}{1023 \frac{1}{4}} = \frac{2450}{256}$

= 9/6 1/2 c. 62

Wm Batey

Auckland Harbour Board

MEMORANDUM

FROM

Foreman of Works.



To

September 10th 1923.

THE ENGINEER

L 27249

Gates and Fences Quay St

Sir,

Undernoted is the cost in connection with the erection of the Gates & Fences Quay St, it does not include painting.

materials

	C	Q	102					
3 ply wood.				1 sheet.				7 8
Kauri				66 sup. 1.	@ 50/-	1	13	
Others.				13 "	@ 35/-		4	7
Hex. nuts.	3	21			@ 7 1/2 lb.	3	5	9
Sq. "		3 1/2			@ 5 "		1	5
Cart. Bolts.	1	1 1/2			@ 6 "	1	0	6
Engg. " 3" x 3/8"				1 grs.	@ 18/6 grs.		18	6
Bolts		2 1/2			@ 4 1/2 lb.		8	3
Wire rope.				70' of 2"	@ 87/- cut.	1	9	8
Shackles		9			@ 1 1/2 lb.		10	6
Flat steel	1						13	
Thimbles		1						9
Dogs & staples		3			@ 6 lb.		1	6
Lat. steel	1	0	25		@ 46/- cut.	2 1/2	16	3
Galv. Iron 6x3 20g.	1	2		1 sheet	@ 3 1/2 lb.		7	5
Rd. Iron	6	1	14		@ 17/6 cut.	5	11	9
Flat do.	1	2	4		@ 18/-	1	7	7
Galv. spikes.			5		@ 5 1/2 lb.		2	4
Rd. washers & screws.			2					7
Pig lead.	1	0	27				2	1
Wire nails			4		@ 3 lb.		1	1
Nails				6 only.	@ 1/-			6
Screws M.T.				10 doz.	@ 9/- grs.			7
Hark saw Blades.				5 doz x 4	@ 4 1/2 ev.	1	3	1
Humane lamps				3 only.	@ 5 1/2 ev.		15	6
Twine and spongers.		1 1/2					2	6
Lamps W. M. F.				6 only.	@ 17 ev.			9
Waste		2			@ 7 lb.		1	2
Cement.				2 3/2 bags	@ 6/- bag.	7	1	
Metal chips				2 y ds.	@ 12/6 y d.	1	5	
Onehunga sand.				5 "	@ 15/4 "	3	17	1
Kerosene				9 1/4 Tins	@ 16 1/2 gal.	2	17	6
Oxygen.				210 ft	@ 2 1/2.	2	3	9
Acetone				145 ft	@ 2 1/2.	1	13	3
Fretters globes. (2 light)				3 only.		2	1	3
Steel wire brushes.				5 "			7	5
Bar. Brush.				4 "	@ 16 ev.		6	
Soda 20 lbs bundles 1 1/2 lb.							3	2

£ 48 3 11

Carriage
Hire of Timber and jacks

22 7 1
3 10

£ 25 17 1

Wm Batey

15/9/23

Gates & Fences. Quay St.

Painting and Chipping

week ending 21st August to week ending 11th September.

Labours	Chip	74. 4. 0
	Paint	54. 13. 9

Material & Cartage

£ 21. 14. 11

£ 150. 12. 8

~~not finished~~

(1 Coat red lead only)

2 more coats of paint to be applied yet

W Batey

Memorandum.

From ...
FOREMAN OF WORKS

September 27th 1923

To The Engineer

Costs. Instr. N^o. 17382

A.H.B.

Sir,

I beg to report that in reply to Instruction N^o. 17382.

- a. Cost ^{herein} ~~not being~~ prepared. } Fences. Piers Wharf Approach
- b. Painting and cleaning only just started.
- c. Cost supplied. See pink memo. 10/8/23 }
Section Gates + Piers Quay

W. Batey

Auckland Harbour Board

MEMORANDUM

FROM

Drawing Office



To

10 Oct. 1923

THE ENGINEER

L 27249

GATES & FENCES ALONG QUAY STREET.

(made by James Allan Sen & Sons Ltd)

~~806.10"~~
~~216.8~~
~~1023.6~~

Actual Length of fencing erected = 788'-3 1/2" Centre to centre posts.

" " " gates " = 231'-11 3/4" " " "

length unfenced (waterside workers shed) = 56'-6" " " "

Total length along line of fence = 1076'-9 1/4" " " "

1020'.3"

CHECKED
C.S.
DATE 10.4.23

S.T.S.

Ref. Est. BK.S.T.S. p136 & Drg. B37

Auckland Harbour Board

MEMORANDUM

FROM

Foreman of Works.



To

November 6th 1923

THE ENGINEER

L 27249

Gates & Fences 7/8 Quay St. Chip & Paint.
 Sir,

The cost of painting the new Gates and Fences Quay St, is as follows: -

1 coat red lead, 1 coat red oxide, 1 coat Velure.

Total length. 894 ft.

30 panels, 17 gates, 19 columns.

			£	s	d.	£	s	d.
		chipping	74	4	.			
		Painting	135	17	7	210	1	7
<u>Labour.</u>								
<u>material.</u>	<u>0 9 16s 9-9/10</u>							
Red lead.	3	@ 48/- cwt.	7	4	.			
" Oxide.	2 2	@ 49/6 "	6	3	9			
Mercuric oxide.	3 1/2	@ 49 lb.		9	8			
Velure Paint.	17 2	@ 46/- gal.	40	5	.			
Terebine.	1	@ 17/8		17	8			
Turps.	8	@ 9/11	3	19	4			
Boiled Oil.	4	@ 5/5	1	1	8			
Raw. do.	7	@ 5/1	1	15	7			
Kerosene	2	@ 1/6 gal.			9			
Paint Brushes. 5/10			5	12	6			
Sash Tools.			4	1	4			
Bamford's Brushes (6)				9	.			
Waste	2			1	2			
White zinc.	6			4	3			
Turner & Wolcott's.				14	8			
Steel wire Brush. (5)								
Putty	1		1	11	4			
Cartage			1	12	.	76	4	6
			£			286	6	1

Wm Batey

Auckland Harbour Board

MEMORANDUM

FROM

Governor of Works.



To

November 6th 1923

THE ENGINEER

L. 27349

Gates & Fences Queens wharf. Chip & Paint.
sd.

The undernoted is cost of chipping, cleaning and painting the Gates & Fences at Queens wharf.

Total length 312 ft.

9 Gates, 4 panels, 12 Columns.

<u>Labour</u>	Chips.	£	s	d	£	s	d
	Paint.	22	3	10			
		65	16	7	88	0	5
<u>Material.</u>							
Melure Paint.	c. 9. 16s. 8. 9d.	36	16				
Turps.	6 2 @ 9/11 "	3	4	3			
sash Tools. 1 N ^o 6			2	8			
" " 1 N ^o 8			4				
" " 2 N ^o 12.			15				
White Zinc.	7 @ 7/11 cwt.	4	9				
Sweatlocks 3 only			7				
Raw Oil.	4 3 @ 5/11 gal.	1	4	6			
Boiled do.	4 2 @ 5/5 "	1	4	7			
Turpentine.	1 @ 17/8 "		17	8			
Vermilion.	2 1/2 @ 4/9 lb.	6	10				
Red Oxide.	1 2 @ 49/6 cwt.	3	14				
" Lead.	1 0 7 @ 45/ "	2	11	10			
Cartage.			8		51	14	8
		£	139	15			1

- 1 Cool Red Lead
- 1 " " Oxide
- 1 " Melure Paint

W. Batey

Auckland Harbour Board

MEMORANDUM

FROM

Foreman of Works.



To

November 6th 1923.

THE ENGINEER

L 27219

Gates & Fences Kings wharf chip and paint.

Sir,

The undernoted is cost of chipping, cleaning and painting Gates and Fence Kings wharf.

Total length 119 ft.

4 panels, 3 gates, 4 columns.

Labour

Paint.

Chip.

£	s	d.	£	s	d.
14	1	2	17	11	8
3	10	6			

Material.

Red lead.	@ 16s. 2 5	@ 52 1/2 cwt.	1	6	4			
Velux Paint.	@ 15 1/2 lbs. 3 2	@ 46 1/2 gal.	8	1	.			
Raw Oil.	2	@ 5 1/2 "		10	3			
Boiled do.	2	@ 5 1/5 "		2	8			
Turbinol	3 1	@ 17 1/8 "		14	7			
White zinc.	@ 16s. 1	@ 77 1/2 cwt.			8			
Vermilionette.	1	@ 24 9 lb.		2	9			
Red Oxide.	2 14	@ 4 1/6 cwt.	1	10	.			
Kerosene.	@ 9s. 2	@ 16 gal.			9			
Turps.	1			9	11			
Cartage.				8		13	6	11
				£		30	18	7

- 1 Coal Red Oxide
- 1 " " Lead.
- 1 " " Velux Paint.

M. Batey

AUCKLAND HARBOUR BOARD

Engineer

Auckland, N.Z.

21st. August, 1924

Messrs. W. & A. Mc Arthur Ltd.,
18/19 Silk Street,
Cripplegate,
LONDON, E.C. 2, England.

Dear Sirs, GATES & FENCES.

Further to my letter of the 21st. ulto., I now advise completion of this matter. The supplementary declared invoices to hand with your letter of 2nd. July have enabled me to finalise with the Customs. The additional duty including 10/- Customs Agent's Fee was £64.13.1. This has been debited to Messrs. Jas. Allan Senr. & Sons Ltd. in terms of my letter of 21st. July 1924 (105/784) and I now enclose herewith cheque on London for the final payment of the contract as noted hereunder:-

Contract		£6850. 0. 0
Half Duty & Agency on £6850		662.17. 2
Extra Gate		320. 0. 0
To Cash	£4500.0.0	
	1700.0.0	
	<u>38.5.2</u>	6238. 5. 2
" Duty & Agency		1325.14. 3
" Duty on extra gate		64.13. 1
" Cables extension of)		
credit due to late ()		1. 8.10
delivery)		
Cost of repairing damage		
	£13.17.9	
less paid ship	<u>10. 0.0</u>	3.17. 9
Cheque herewith		<u>198.18. 1</u>
		<u>£7832.17. 2</u> £7832.17. 2

An extra copy of this letter is enclosed herewith to facilitate your reference to Messrs. J. Allan Senr. & Son.Ltd.

Yours faithfully,

CRG/MJB.

Cheque &

Secretary.

YUCKFVMD H

4/11/51

Allans

JAS. ALLAN SENR. & SON, LTD. With reference to your letter dated 21st August, in which you enclosed a cheque for £98.18.1d. being the final amount due under this Contract, we immediately got into touch with the Contractors, whom we found had gone into voluntary liquidation. This, of course, rather complicated matters inasmuch as the liquidator was not conversant with all the details of the Contract. He took exception to the full amount of duty having been deducted on the extras supplied, and also questioned the amount of duty which he said had been levied on the c.i.f. duty paid price, instead of the Domestic Value. We had several long discussions with his representative on these two questions and pointed out that the firm having made a mistake by omitting to include duty in their price in the first instance did not mean that we were to assume that the same mistake had been made when calculating the price of the extras. We maintained to him that the responsibility of seeing the correct value was given rested upon Messrs. Allans and if they had not included the duty in this extra price, then, of course, they must be the losers. After much argument, in which he admitted that a further mistake had been made, he agreed to waive this question.

Then, as far as the calculation of duty, we showed him exactly how the duty is computed and were able to satisfy him that the amount charged, from the information in our possession, was the correct one, and yesterday we finally settled the matter, at an interview in this Office, where he withdrew all his objections and agreed to let us have a clean receipt for the cheque in question (which we still held) in final settlement of all outstanding items. This will, therefore, satisfactorily settle this matter and we will forward you the official receipt in due course.

We are glad to report this settlement, as it has been difficult all the way through from start to finish, and to the last we were afraid that we should have to approach you again in connection with these final items.

