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E. LEONARD & SONS, LIMITED

MANUFACTURERS OF

ENGINES AND BOILERS

FOR ALL PURPOSES

ALL QUOTATIONS ARE SUBJECT
TO CHANGE WITHOUT NOTICE
ALL AGREEMENTS ARE CONTINGENT
UPON STRIKES, ACCIDENTS
OR OTHER DELAYS UNAVOIDABLE
OR BEYOND OUR CONTROL
ALL CONTRACTS ARE SUBJECT
TO APPROVAL OF HEAD OFFICE

AGENCIES
MONTREAL, QUE.
ST. JOHN, N.B.
CALGARY, ALTA.
WINNIPEG, MAN.
VANCOUVER, B.C.
TORONTO, ONT.

HEAD OFFICE AND WORKS
LONDON, ONT.

Oakwood Sunday

LONDON

CANADA

July 28th '18

IN REPLY PLEASE REFER TO

my dear Bob

I am afraid this letter will not be a very long one as real business has been very quiet the last week and what men we have 124 in all are only working fitting up machines & appliances for the 6" + 24" Air Shell. You will understand by the length how important the job of boring will be. Morgan says it will weigh but a little more than the 5" High Explosive we made two years ago. The Heat has been in the go tie the whole time which has been trying - We put off fifteen men this week as we are getting cleaned up pretty well. The wheat will now be over for the next ten days and I am enclosing a clipping of yesterday's Globe which is very encouraging. North West prospects are much improved.

Re Boiler Shop (12)

We are quite busy will Ship three new
boilers this week 48-54-60 and are hard
at work on two open tanks for 6" and
treatment 6' wide 9' deep - $11\frac{1}{2}$ ' long. I told you
before we are working on two fuel
tanks $\frac{1}{2}$ " dia 35 foot long in place of our
long one. These shells are a wonder being
made principally of half or full courses
or patches ~~from~~ $\frac{1}{2}$ " we have repaired
for the last two years I wish I had a
photo to send you. The only new parts
are two $\frac{1}{2}$ " bumped heads (lard rendering).
we have had our hand so long. They will
carry if necessary 100 lbs air but generally
50 lbs to force oil into the different
furnaces. They will lay along side track
in yard about 2 foot below the surface
and have a dome with m H cover.
Will take from oil car on our siding
with a pipe to each. We are using
some S H Steel plates for above square
tanks as we cannot get any from the
U.S. except for war purposes. 12-15¢ per
pound is price for any Steel plates now
remaining in stock. We bought 45 of these S H
plates $\frac{1}{4}$ " & $\frac{5}{16}$ " thick about 6 foot square and it
stands bending test OK but is not stamped
for boiler purposes but in face of present
circumstances Medcof we think would allow a fair W.P.

(3)

Re office alterations

The Brick layers commenced Friday on the middle wall and I tell they made a mess in the rear office but it has to be done I have taken all the pictures out I hope we will escape a down pour of rain on our desks & furniture but they promise us a dry spot. It will take three weeks to finish.

Re Waterloo & York Street

This addition will have all the windows in place and painting done ~~and~~ which will finish the job. The driver way arch in the former 11 foot wide 14 foot high looks imposing. The red picket gate was hung yesterday. The sliding door on Waterloo St at end of track (ourside) will just come right for loories with freight in and out and save a lot of time. We are having a steel beam over the door sticking out seven foot with a trolley & duffal block which will be very handy and be able to lift a couple of tons. We have a total new front on W & York of 399 foot which has a very business like effect. The windows are esp twelve foot apart 8 foot wide and about 11 foot high.

(4)

Re Wages

Last week we had again to increase our leading machinists and others all along the line to prevent their going to Toronto Hamilton Brantford and Walkerville in a few cases to \$100 per day over their former wages. It is uncalculated for the way firms are running up the wage scale and few had not heard what was going on in Toronto by Morgan it would have been too late. We want now six or eight good lathe or vice hands. As soon as things settle I will send you a list which will startle you as to our situation.

6" Gun Contract

We expect our corrected order very shortly in the mean time the new machines are arriving as fast as we can handle them. We have all our important orders placed except the machine for testing the sample ships for tensile strength which are very expensive 100,000 lbs capacity cost \$3750 in Phila a \$5,000 should do us. The only comfort in this case is that the U.S. Ordnance pay for it. We are trying to locate a S.H. one. We understand we will require

(5)

a large quantity of water to cool
the oil into which the heated shell
is dipped for tempering purposes.
Some say it will require a 2" pipe
from City mains and if so it will
cost as a lot of money in water &
a protest ^{likely} from City W.W. This we will
start with but if expensive we will
put down an artesian well in the
yard like at the Hospital. Lodore Elton
and Labatts and get plenty for above
and our boiler supply it will pay
under the circumstances and in the future
we understand our Am Contract will
require a special office for their Inspector
and attendant and stenographer. I
am sorry we did not know this before
how could have made one job of our
office alterations. ~~we will~~ ^{we will} ~~it out~~
to York Street Lane. This is another
~~problem~~ ^{problem} we will have to face ~~before~~
~~it is proved true before we can have~~
~~the water companies with pipes and~~
~~you will have to leave tomorrow~~
I may send you a sketch of the front of
our office we consider appropriate with
our business three stories high but we now
require two stories for present use. We could
we think charge 8 1/2 most & come off War Tax

(6)

Re Foundry
We are casting twice a week and
archer is not doing badly & making
good work. Re Birthday

We sent you a cable Saturday Eve
"Many happy returns of Tuesday from
Oakwood Ottawa Dorval Huron Steel and
Employees" which will be mailed to you
from England to day. We will think of
you very often as this week has for
itself many changes in site along the
battle line. God bless & keep you and
all your company. Your cable of even
date "Well" was received at 5 P.M. with
grateful hearts. Mother & I were alone
on the Veranda. She is looking so well
and so happy. God bless her in every
way for what she has done for us all.

Re new additions set etc

It seems I have been spending money for three
years but every addition so far has been
~~an~~ actually required and paid for out of W. L. S.
and a two or three story office should be
considered under same head. The McClary Co
have bought the old Britannia Hotel & Shale
dwarf house. The former has just been converted
into a show room and looks very up to date.
With our additions and office York St will have
a new dress, between the old & Y. R. Shering &
a perfect shed no more. E. J. S. S. S.