

LOCAL PURCHASE-ABSTRACT OF TENDERS

1915 by letter phone Due Jan 13 1915 Opened Jan 24 1915 by J.R. Bann

FIRMS ASKED TO QUOTE

ARTICLE	Miller Mess Horse Co.	Marshall Hall Co.	Wood Ballance	J. H. Hodgson Horse Co.		REMARKS
and work for Indian Residential School Wabigoon, Ont.						
Iron piping and necessary reasonable connections fittings for open water line	220.62 Complete	220.62 incomplete	220.62 incomplete	224.62		

Note - order for these goods was placed with Messrs Miller Mess Horse Co. Quotation was complete for all the items on the order

3209

UNDERLINE TENDER ACCEPTED AND SHOW TOTAL VALUE OF ORDER GIVEN EACH FIRM

DO NOT USE THIS SPACE

I recommend that lowest tenders, as underlined, which have been accepted, be approved - tenders marked with circle not satisfactory, for reasons given in remarks column.

Signed: J.R. Bann
Dept. of: Indian Affairs
City or town: Winnipeg Province: Man

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

M. KENNEDY,
PRESIDENT

D. J. KENNEDY,
1ST VICE PRES.



M. KENNEDY, JR.,
2ND VICE PRES.

T. D. KENNEDY,
MANAGING DIRECTOR

HYDRAULIC TURBINES,
STOPLOG WINCHES,
HEADGATE WINCHES,
HEAVY CUT GEARS,
BRIDGETREES, PULLEYS,
BEARINGS, ETC.

ESTABLISHED 1860

THE WILLIAM KENNEDY & SONS, LIMITED

WATER POWER PLANT MACHINERY, STEEL CASTINGS,

MARINE MACHINERY

OWEN SOUND,
ONT.

PROPELLER WHEELS,
ANCHOR WINDLASSES,
STEERING ENGINES,
CARGO WINCHES
AND REPAIRS FOR
SHIPS
"ST LAWRENCE"
PAT REVERSIBLE POINT
DIPPER TEETH
ALLOY STEEL CASTINGS

CABLE ADDRESS:
"KENNEDYS"

CODES: A. B. C. 4TH & 5TH EDITION & O'NEILLS
LIEBERS & WESTERN UNION

PLEASE MARK YOUR REPLY

ATTENTION: A. RENDALL.

March 13th, 1925.

Mr. F. H. Boyd,
Purchasing Agent,
Department of Indian Affairs,
Ottawa, Ont.

Dear Sirs:-

In connection with our tender attached for a 30 H. P., single runner horizontal turbine for McIntosh Indian School, you will please understand that our price covers the turbine and a size "D" Woodward compensating governor along with the foundation bolts for the turbine, draft tube and other parts as shown on your specification. The price quoted covers the whole of this equipment delivered on cars at McIntosh. In addition to this, we would furnish a competent foreman mechanic to supervise the installation of this equipment for \$12.00 per day of nine hours, plus his actual travelling and hotel expenses while away from Owen Sound.

We are enclosing a print of our drawing H-6872 showing the installation of this turbine and governor. If you find our price satisfactory we will be glad to submit at once a full detailed drawing with any revisions you may find necessary to suit the installation in your building.

We would guarantee the efficiency of the wheel to be as follows:-

Full load.....	80%
7/8 "	81%
3/4 "	80.2%
1/2 "	72%

We trust that you will find our price and delivery satisfactory and hope that we may have the pleasure of entering your order for this equipment.

Yours very truly,

The Wm. KENNEDY & SONS Limited

Per *A. Rendall*

Rd1/Bky.

ENCL. 2.

ALL QUOTATIONS ARE F.O.B. OUR WORKS, UNLESS OTHERWISE STATED IN WRITING BY US
ALL AGREEMENTS ARE CONTINGENT UPON STRIKES, ACCIDENTS AND OTHER DELAYS BEYOND OUR CONTROL

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

**PUBLIC ARCHIVES
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CANADA**

The Inspector of Indian Agencies

6	Only Galvd. Couplings	Brought forward	2.34	2.04
3	Only Stand. Globe Valves	1/2	.80	2.40
5	Lbs. Hex Tapped Nuts	5/8	.15	.75
2	Lbs. Wrot Washers	5/8	.10	.20
				<u>221.13</u>

---Two hundred and twenty one & 13/100 dollars only.

---Authority,
Letter # 66-2-8
5th Jan'y. 1925.

Certified Correct.

W. A. Shaw
Inspector of Indian Agencies.

Note. For temporary pipe line temporary water supply.

EXAMINED
found correct.
H. G. G. G.

6529
221.13
30
251.13
Jan 1-4-25

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

DEPARTMENT OF INDIAN AFFAIRS
OFFICE OF THE PURCHASING AGENT

Ottawa,

Req. No.

Please quote your lowest price, ON THIS SHEET, for the following material f.o.b. McIntosh, Ontario.
freight charges prepaid. Prices must be shown NET, giving effect to all your trade discounts. No charge will be allowed for containers, packing, packing cases, crates or cartage. The right is reserved to accept or reject quotations on each item separately or as a whole. This sheet must be signed by you. Please return this sheet IN THE ACCOMPANYING ENVELOPE whether you quote or not.

Quotations will be received until noon

MARCH 15, 1925.

J. M. Boyd
Purchasing Agent.

To the Purchasing Agent, Dept. of Indian Affairs

We quote you the following prices on material listed below, freight charges prepaid to destination named. If favoured with your order we will ship within (a) sixty days after receipt of your order.

Date (b) March 13/25.

Sign
here

(c)

The Wm. KENNEDY & SONS Limited

Per *A. Rendall*

QUOTATIONS ONLY. THIS IS NOT AN ORDER

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
		<p>Fill in number of days in space (a) and date in space (b) Sign your name in space (c)</p> <p>These specifications cover the design, construction, delivery F.O.B. cars McIntosh, Ont., and superintending of erection of ONE (1) 30 H. P. HORIZONTAL SINGLE RUNNER TURBINE.</p> <p>arranged for mounting in an open wheel pit: to operate under an effective head of 15 ft: to be installed in the power house of the Indian Mission school near McIntosh, Province of Ontario.</p> <p><u>Subject to conditions stated in letter accompanying this tender.</u></p> <p>The Contractor will furnish and provide all the finished parts, members, attachments, fittings, materials, etc., required to fully complete ready for satisfactory operation the aforesaid hydraulic power unit in every respect according to the terms of these specifications, although not especially mentioned herein, supplying all material and performing all labour necessary therefor. He shall deliver the same free of all costs for transportation, duty, and all other charges at the Canadian National Railway station at McIntosh, Ont.</p> <p>Delivery shall be made by the Contractor F.O.B. McIntosh, in the Province of Ontario, within sixty days of the date upon which the contract is awarded.</p> <p>One single horizontal turbine, to be set in an open wheel pit, capable of developing 30 B.H.P. under 15 ft. net effective head. No proposition will be considered for this turbine unless the efficiency guarantee when operating at gate openings from $\frac{1}{4}$ to full gate, is at least 30%.</p>		\$3160.00

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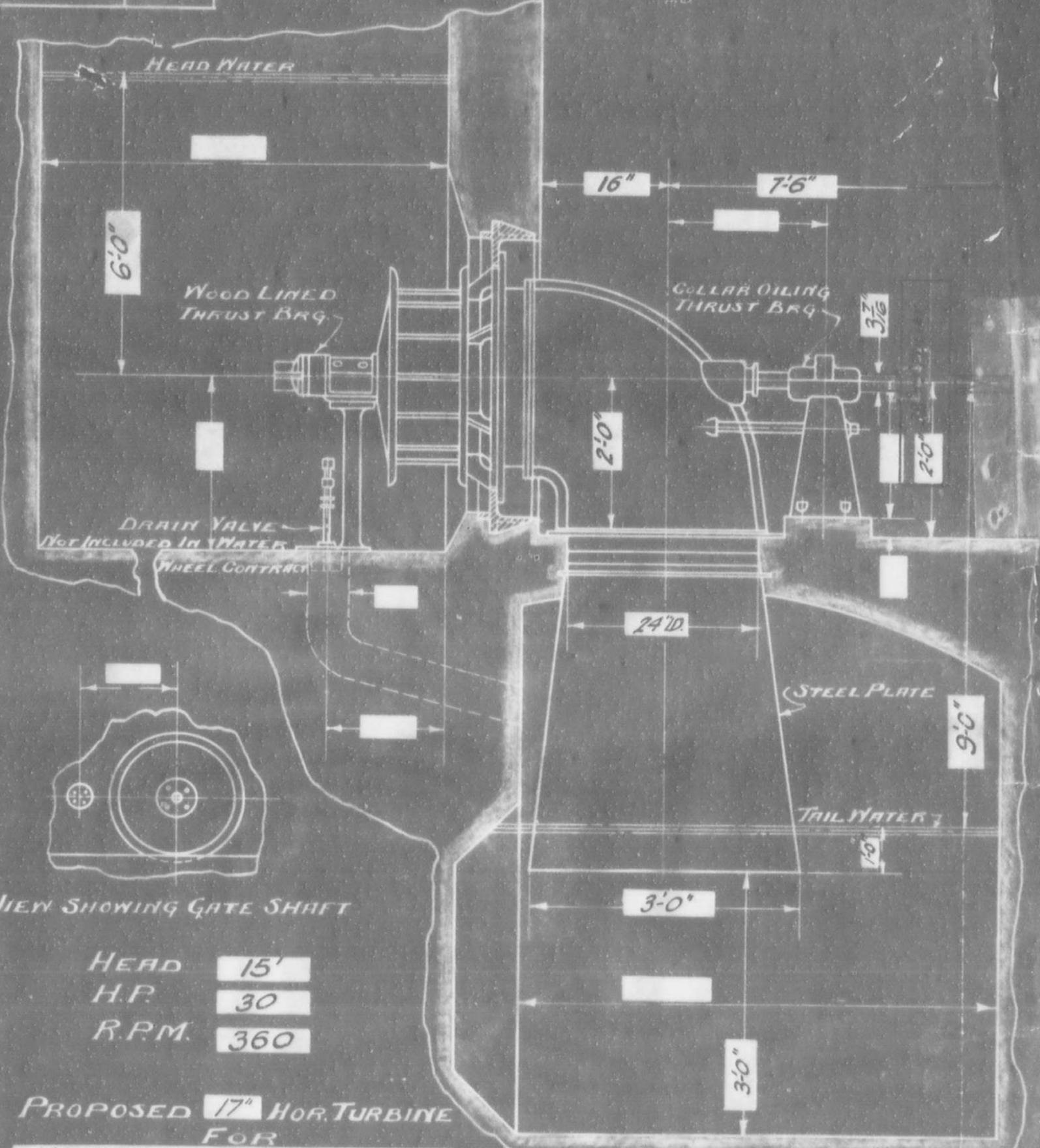
QUOTATIONS CONTINUED

Item	Quantity	DESCRIPTION	Unit Price	Extension
		<p><u>MATERIALS TO BE SUPPLIED.</u></p> <p>(a) Runner. The runner shall be of the latest improved type, with heavy steel plate buckets cast into heavy hub and outer band of tough grey iron, truly balanced and sound and free from blow holes and surface defects, securely keyed to the wheel shaft.</p> <p>(b) Guide Casing and Gate Operating Mechanism. The regulating gates shall be of cast iron or semi-steel and shall be accurately made to pattern so as to permit of a tight fit upon one another in the closed position. The gates shall be connected by links to a cast iron regulating ring concentric with the main shaft and suited to control by compensating governor.</p> <p>(c) Wall Frame of suitable dimensions and of cast iron for connection to the wheel pit wall.</p> <p>(d) Quarter Turn. The quarter turn shall be of cast iron, split and provided with hand holes.</p> <p>(e) Turbine Shaft. The shaft shall be of the best open shaft hearth forged steel and shall have a forged thrust collar to take the unbalanced thrust of the runner.</p> <p>(f) Bearings. The wheel shaft will be supported by at least two bearings, viz: Lignum Vitae Guide and Thrust Bearing mounted on the top of the guide apparatus and adjustable by bronze screws; one ring ciling thrust bearing behind the pulley, carried on a heavy cast iron pedestal, bolted to the foundation beams and guaranteed to run without heating.</p> <p>(g) Pulley. Pulley of cast iron, 9" face, and of sufficient diameter to connect with a 12" pulley on the shaft concentric with the generator, which operates at 1150 r.p.m.</p> <p>(h) Draft Tube. The draft tube shall be conical tube of $\frac{1}{4}$" plate, 7' long. It will be rivetted to a cast iron single ring bolted to the Quarter Turn.</p> <p>(i) Governor Connections. There shall be provided such connections as are required for operating the gates by means of Size D Woodward Compensating Governor.</p>		

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
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CANADA

P.D. 10448



VIEW SHOWING GATE SHAFT

HEAD 15'
 H.P. 30
 R.P.M. 360

PROPOSED 17" HOR. TURBINE
 FOR
 MCINTOSH INDIAN SCHOOL
 MCINTOSH, ONT.

WILLIAM HAMILTON CO. LTD.
 PETERBORO, ONT.

DATE MAR. 9.25

P.D. 10448

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
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THE RENNIE ENGINEERING COMPANY

CABLES
RENNIE WINNIPEG
CODES
ENGINEERING 2ND EDITION
WESTERN UNION UNIVERSAL EDITION

ENGINEERS AND CONTRACTORS

TELEPHONE
A 2041

WINNIPEG
CANADA March 12th, 1925

The Purchasing Agent
Department of Indian Affairs
Ottawa, Ont.

Dear Sir:-

Q U O T A T I O N .

In reply to your esteemed enquiry for Hydraulic Turbine and Equipment, we beg to quote you as follows:-

One 17" A horizontal turbine complete with draft tube, quarter turn discharge elbow, ring oiling bearings and stands, lignumvitae bearing and stand, 38" X 9" pulley, runner, shaft, gate casing, governor connections for one Woodward size D vertical model mechanical Governor, one Woodward size 'D' model mechanical Governor as shown on enclosed cut. The total equipment inclusive of Governor, all as per specification herewith.

TWO THOUSAND FIVE HUNDRED & FIFTY DOLLARS.....\$2550.00

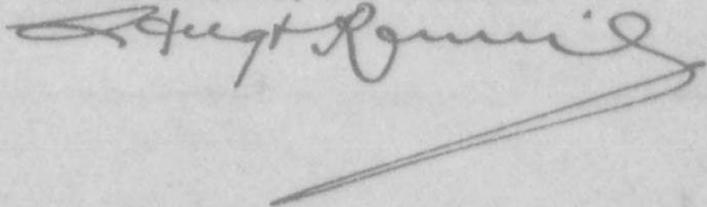
F. O. B. McIntosh, Ont. Sales Tax included.

Our price for a competent erecting supervisor is \$14.00 per day plus hotel and railway expenses from time of leaving the works until return.

We hope to receive your valued order which shall have our best attention.

HR/OS.

We are,
Yours very truly,
The RENNIE ENGINEERING COMPANY.



Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

DEPARTMENT OF INDIAN AFFAIRS
OFFICE OF THE PURCHASING AGENT

Ottawa,

Req. No.

FEB 25 1925

Please quote your lowest price, ON THIS SHEET, for the following material f.o.b. McIntosh, Ont.
freight charges prepaid. Price must be shown NET, giving effect to all your trade discounts. No charge will be allowed for containers, packing, packing cases, crates or cartage. The right is reserved to accept or reject quotations on each item separately or as a whole. This sheet must be signed by you. Please return this sheet IN THE ACCOMPANYING ENVELOPE whether you quote or not.

Quotations will be received until noon

MARCH 15, 1925.

[Signature]
Purchasing Agent.

To the Purchasing Agent, Dept. of Indian Affairs

We quote you the following prices on material listed below, freight charges prepaid to destination named. If favoured with your order we will ship within (a) 60 days after receipt of your order.

Date (b) *Rennie Engineering Co.,* Sign } (c) The RENNIE ENGINEERING COMPANY
per R.C. Stetson here } WINNIPEG, MAN.

QUOTATIONS ONLY. THIS IS NOT AN ORDER

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
		<p>Fill in number of days in space (a) and date in space (b) Sign your name in space (c)</p> <p>These specifications cover the design, construction, delivery F.O.B. cars McIntosh, Ontario, and superintending of erection of,-</p> <p>ONE (1) 30 H. P. HORIZONTAL SINGLE RUBBER TURBINE.</p> <p>ARRANGED FOR MOUNTING IN AN OPEN WHEEL pit: to operate under an effective head of 15 feet: to be installed in the powerhouse of the Indian Mission near McIntosh, Province of Ontario.</p> <p>The contractor will furnish and provide all the finished parts, members, attachments, fittings, materials, etc., required to fully complete ready for satisfactory operation the aforesaid hydraulic power unit in every respect according to the terms of these specifications, although not especially mentioned herein, supplying all material and performing all labour necessary therefor. He shall deliver the same free of all costs for transportation, duty, and all other charges at the Canadian National Railway station at McIntosh, Ont.</p> <p>Delivery shall be made by the contractor F. O. B. McIntosh, in the Province of Ontario, within sixty days of the date upon which the contract is awarded.</p> <p>One single horizontal turbine, to be set in an open wheel pit, capable of developing 30 H. P. under 15 feet net effective head. No proposition will be considered for this turbine unless the efficiency guarantee when operating at gate openings from $\frac{1}{2}$ to full gate, is at least 80%.</p>		

[Handwritten initials]

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

QUOTATIONS CONTINUED

Date

Reg. No.

Item	Quantity	DESCRIPTION	Unit Price	Extension
		<p>MATERIALS TO BE SUPPLIED.</p> <p>(a) Runner. The runner shall be of the latest improved type, with heavy steel plate buckets cast into heavy hub and outer band of tough grey iron, truly balanced and sound and free from blow holes and surface defects, securely keyed to the wheel shaft.</p> <p>(b) Guide Casing and Gate Operating Mechanism. The regulating gates shall be of cast iron or semi-steel and shall be accurately made to pattern so as to permit of a tight fit upon one another in the closed position. The gates shall be connected by links to a cast iron regulating ring concentric with the main shaft and suited to control by compensating governor.</p> <p>(c) Wall Frame of suitable dimensions and of cast iron for connection to the wheel pit wall.</p> <p>(d) Quarter Turn. The quarter turn shall be of cast iron, split and provided with hand holes.</p> <p>(e) Turbine Shaft. The shaft shall be of the best open shaft hearth forged steel and shall have a forged thrust collar to take the unbalanced thrust of the runner.</p> <p>(f) Bearings. The wheel shaft will be supported by at least two bearings, viz: Lignum Vitae Guide and Thrust Bearing mounted on the top of the guide apparatus and adjustable by bronze screws; one ring oiling thrust bearing behind the pulley, carried on a heavy cast iron pedestal, bolted to the foundation beams and guaranteed to run without heating.</p> <p>(g) Pulley. Pulley of cast iron, 9" face, and sufficient diameter to connect with a 12" pulley on the shaft concentric with the generator, which operates at 1150 r.p.m.</p> <p>(h) Draft Tube. The draft tube shall be conical tube of 1/2" plate, 7' long. It will be rivetted to a cast iron single ring bolted to the Quarter Turn.</p> <p>(i) Governor Connections. There shall be provided such connections as are required for operating the gates by means of Size D Woodward Compensating Governor.</p>		

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
 ARCHIVES PUBLIQUES
 CANADA

QUOTATIONS CONTINUED

Item	Quantity	DESCRIPTION	Unit Price	Extension
		<p>(j) Governor. For speed control a Size D Woodward Compensating Governor with all connections, belt, etc., for efficient operation is to be provided and installed.</p> <p>(k) Foundation Beams. The unit shall be constructed for installation on steel foundation beams, which must be provided by the contractor.</p> <p><u>General Requirements.</u></p> <p>(a) It is understood that the Contractor will supply the services of one competent erection superintendent to superintend the erection and adjustments of the hydraulic equipment and all materials necessary therefor.</p> <p>(b) The entire work or any of its parts and members and all workmanship and materials entering into its construction shall be satisfactory to the Engineer. His decision as to the acceptance or rejection of the whole or any part shall be final and binding.</p> <p>(c) Bidders must submit drawings with their tenders showing dimensions and arrangement of the various parts and the kind of materials to be employed, together with complete data and details explanatory of their design.</p> <p>"Engineer" shall mean any engineer or deputy appointed by the Minister of the Interior and acting under his instructions.</p> <p>Turbine & Governor complete as per specifications, f.o.b. McIntosh, Ont., including government sales tax</p> <p>Services of competent erection supervisor not including travelling & living expenses from date of leaving to date of return, per day</p> <p>NOTE: Tenders will not be considered unless this form is filled in and returned to the Department. Government sales tax should be added. For your information it is stated that McIntosh is situated on the main line of the G. T. Rwy., 165 miles east of Winnipeg.</p> <p style="text-align: center;">J. D. Chene, Departmental Engineer.</p>		2550. 00
			14. 00	

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
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CANADA

DEPARTMENTAL ENGINEER

Upon the suggestion of the
D. W. J. Chouch the following
firm has been invited to submit
a quotation for a turbine such
as that required for the
H. school.

Charles Harper & Son,
Midford Ont
Sent - April 14th.
received April 24th 1925
J. Dehning

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
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CANADA

130-7-16

C.W. Form 521 M

CANADIAN WESTINGHOUSE COMPANY LIMITED

ADDRESS REPLY TO THE COMPANY
NOT MAIL
WORKS: HAMILTON, ONTARIO
PLEASE USE THE FOLLOWING
NUMBER ON YOUR REPLY #

255 BEAVER HALL HILL
MONTREAL, QUE.

April



R

McIntosh

Air Compressor for McIntosh
Indian Residential School.

Mr. F. H. Boyd,
Purchasing Agent,
Department of Indian Affairs,
Ottawa, Ont.

Dear Sir:-

Our General Office at Hamilton has referred your enquiry to us, covering 1 - 2-1/2" x 3" Air Compressor, complete with tight and loose pulley for shipment to McIntosh, Ontario, advising that there is not sufficient information on your enquiry sheet to enable them to quote on the proper size of compressor, and requesting that we obtain the following information quickly, so that they can have their quotation in Ottawa before Monday, April 20th. --

Advise whether the compressor is to be single-acting, or of the double-acting type ?

What work will the Compressor be expected to do ?

Advise whether the compressor is to be single-cylinder, or double-cylinder ?

What is the amount of air pressure required ?

*single
pneumatic water
supply system
ten*

45

On receipt of the above information, we will forward quotation promptly.

*Chas. Barber
Manufact
M/./.*

Yours very truly,

A. B. Brown
M.

M/./.

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
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CANADA

DEPARTMENTAL ENGINEER.

130-7416a.

Ottawa, April 14, 1925.

Dear Sir,-

MB
Replying to your letter of the 9th instant requesting certain information with reference to the air compressor to be supplied for the McIntosh Indian Residential School, I beg to say that this machinery is to be of the single acting type, double cylinder. It is to be used for the operation of a pneumatic water supply system. The amount of air pressure required shall be 65 pounds.

Trusting that this information will prove satisfactory, I am

Yours very truly,

F. H. Paget
F. H. Paget,
Chief Accountant & Purchasing Agent.

A. B. Brown, Esq.
C/o Canadian Westinghouse Co., Ltd.,
265 Beaver Hall Hill,
Montreal, Que.

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

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CANADA

DEPARTMENT OF INDIAN AFFAIRS

OFFICE OF THE PURCHASING AGENT

Ottawa,

Req. No.

Please quote your lowest price, ON THIS SHEET, for the following material f.o.b. **McIntosh, Ont.**
 freight charges prepaid. Price must be shown NET, giving effect to all your trade discounts. No charge will be allowed for containers, packing, packing cases, crates or cartage. The right is reserved to accept or reject quotations on each item separately or as a whole. This sheet must be signed by you. Please return this sheet IN THE ACCOMPANYING ENVELOPE whether you quote or not.

Quotations will be received until noon **of the 20th April.**

[Signature]
 Purchasing Agent.

To the Purchasing Agent, Dept. of Indian Affairs

We quote you the following prices on material listed below, freight charges prepaid to destination named. If favoured with your order we will ship within days after receipt of your order.

(a) Sign } (c)
 Date (b) here }

QUOTATIONS ONLY. THIS IS NOT AN ORDER

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
		<p>Fill in number of days in space (a) and date in space (b) Sign your name in space (c)</p> <p>AIR COMPRESSOR FOR MCINTOSH INDIAN RESIDENTIAL SCHOOL.</p> <p>1 - 2-1/2 x 5 air compressor, complete with six inch tight and loose pulley.</p> <p>P2-SB.4 x 4 air cooled compressor only ... \$125.00 complete with idler, belt & extended sub-base. \$210.00 P2-SB 4 x 4 water cooled compressor only... \$150.00 complete with idler, belt & extended sub-base. \$235.00</p> <p>f.o.b. Franklin, Pa. duty and tax paid</p> <p>NOTE. A cut illustrating this air compressor should be sent with quotation if possible. Government sales tax should be added. Tenders will not be accepted unless this form is properly filled in, and returned to the Department.</p> <p>For your information it is stated that McIntosh is situated on the G. N. R. 165 miles east of Winnipeg.</p> <p>24-1. Date recd. April 8-25 Date quoted-April 9-25</p>		
				<p>THE HOLLER COMPANY LIMITED, Sales Manager. <i>[Signature]</i></p> <p>J. D. GREEN, DEPARTMENTAL ENGINEER.</p>

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
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 CANADA

N. J. HOLDEN,
PRESIDENT & GEN. MANAGER.

A. ALLAN,
VICE-PRESIDENT.

V. G. R. VICKERS,
VICE-PRESIDENT.

130-7
G. C. PALMER,
SECRETARY-TREASURER.

THE HOLDEN CO. LIMITED

RAILWAY, SHIPBUILDING & CONTRACTORS' SUPPLIES

TORONTO BRANCH, 342 Adelaide St. West.
WINNIPEG BRANCH, 150 Princess Street.
VANCOUVER BRANCH, 89 Pender Street, West.

350-356 ST. JAMES STREET
P. O. Box No 1060

TELEPHONE MAIN 3710
CABLE ADDRESS: "JACWILED"
CODE USED A.B.C. 8TH EDITION

MONTREAL,
CANADA

April 9th, 1925.

FOUNDRIES: SHERBROOKE, QUE

IN YOUR REPLY REFER TO

SUBJECT.

ALL QUOTATIONS ARE SUBJECT TO VARIATION WITHOUT NOTICE

Inquiry - air compressor.



Mr. J. D. Chene,
Departmental Engineer,
Department of Indian Affairs,
Ottawa, Ont.

Dear Sir:-

In connection with the enclosed inquiry, we attach hereto copy of bulletin 791 third edition, illustrating and describing our Chicago Pneumatic P2-SB compressors.

The smallest compressor we manufacture, you will note, is the 4 x 4, having a piston displacement of 17½ cubic feet of free air per minute. This can be supplied either air or water cooled.

If this will answer your requirements, we will be pleased to have an opportunity of serving you, and meanwhile, remain,

Yours very truly,

THE HOLDEN COMPANY, LIMITED.


D. M. Brown,
Sales Manager.

24-1.

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
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CANADA



DEPARTMENT OF INDIAN AFFAIRS
CANADA

Ottawa, April 4, 1925.

McIntosh
no change
or
added
cost

Mr. Scott.

MEMORANDUM:

A revised report has been submitted by the Dominion Water Power Branch on the Hydro electric power plant now in course of erection at the McIntosh Indian Residential School.

There is only one item in this report which will increase the cost of the work. It is suggested that the power house, which it was intended to have built be enlarged from 20 x 25 to 40 x 20, in order to provide accommodation for a blacksmith's and carpenter's shop on the first floor. This change will increase the cost of the work \$600.00.

As it is intended to proceed with this work very soon, the District engineer at Winnipeg would like to be advised whether this change will be allowed.

at present or left until next year

DEPARTMENTAL ENGINEER.

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

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CANADA

" COPY "

File: B-4995-M.

DEPARTMENT OF THE INTERIOR
Canada

Dominion Water Power and Reclamation Service

Winnipeg, Man.

April 2nd, 1925.

Sir,

Enclosed please find three copies, together with vouchers, of Mr. J.H. Simmons' statement of cost, plus ten per cent, as per agreement, for work on the concrete dam and sewage disposal plant at the Indian Residential School, McIntosh, Ontario. These accounts have been checked as closely as possible and are recommended for payment.

The cost for constructing that portion of the dam from Sta. 3+66 to Sta. 2+10, namely \$4,061.22, appears high, but the work was carried on under severe winter conditions and the utmost care had to be exercised to ensure a good job. The increase in cost over that estimated may be summarized as follows:

- A - The large extra cost of winter construction on small works of this nature.
- B - When unwatered numerous seams were discovered in the bed of the river channel. This involved considerable rock excavation to obtain proper foundations and was an unexpected contingency not provided for in the original estimate.
- C - The extra height of dam and increased width of piers and sluice gates.

With reference to the cost of the septic tank and drains the actual cost will also exceed the estimate for this work. The cost to date, it will be noted, is \$1,274.99 and as it will cost \$150.00 to complete the work in the spring the estimate will be exceeded by about \$200.00. This increase is mainly due to part of the work being carried on under winter conditions and to the encountering in the excavation of large boulders. A small amount of work still remains to be done on the septic tank, mainly adding about one foot to the concrete walls and placing the wooden flooring on the top. It was considered advisable not to complete this at the time as, owing to the extreme cold weather, the cost would have been excessive. All the necessary manholes and drains have been laid and connections constructed so that sewage facilities are provided for the school and no inconvenience will be caused owing to the septic tank not being entirely completed.

Your obedient servant,

Sgd... C. H. Attwood,
District Chief Engineer.

J. T. Johnston, Esq.,
Director, Dom. Water Power and
Reclamation Service,
Department of the Interior,
Ottawa, Ontario.

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
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CANADA

KFO/23

130-7-16

PLEASE ADDRESS YOUR REPLY TO
THE DIRECTOR OF
WATER POWER AND RECLAMATION
DEPARTMENT OF THE INTERIOR
OF CANADA



PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE

FILE NO. 4103-W.

DEPARTMENT OF THE INTERIOR
CANADA

DOMINION WATER POWER AND RECLAMATION SERVICE

OTTAWA, ONT. April 8, 1925



DEPARTMENTAL ENGINEER

R

Sir,

Re: McIntosh Indian School, Ontario.

I enclose herewith in duplicate Mr. J.H. Simmons' statement of cost, plus ten per cent, for the work done by him on the concrete dam and sewage disposal plant at the Indian residential school near McIntosh, Ontario, together with vouchers for same. These accounts have been checked by Mr. Attwood, the District Chief Engineer of this Branch at Winnipeg, and are now recommended for payment.

A copy of Mr. Attwood's letter which accompanied these accounts is also enclosed herewith. This letter explains the reason for the cost of the dam and septic tank being greater than was originally estimated. Mr. Attwood does not consider it advisable to resume work on the dam until the middle of May, when it is hoped that good progress will be made on this and on the remaining work connected with the power development.

Your obedient servant,

J. Johnston,
Director,
Water Power and Reclamation.

J. D. McLean, Esq.,
Assistant Deputy and Secretary,
Department of Indian Affairs,
Ottawa.

The accounts submitted were not duly certified by the supervising engineer for I returned them to him.

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

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CANADA

M. BERTRAM
PRESIDENT

130-7-16

R. E. SMYTHIES
VICE-PRESIDENT

THE LINCOLN ELECTRIC COMPANY
OF CANADA, LIMITED

ALTERNATING AND DIRECT CURRENT MOTORS AND GENERATORS
PEERLESS SINGLE PHASE MOTORS COMPLETE ELECTRIC ARC WELDING PLANTS
SPOT & BUTT WELDERS WELDING SUPPLIES RAILWAY BONDS

136 JOHN STREET

TORONTO April 13, 1925



[Handwritten signature]
[Handwritten initials]

Department of Indian Affairs,
Ottawa, Ontario.

Dear Sirs:- Attention of Mr. F. H. Paget.

With further reference to the matter of the 17½ K.W. Generator ordered for McIntosh School, we find that this machine is completed and was on the point of being shipped when we received your wire instructing us to hold the order up.

We are sorry that you have changed your plans because we cannot see any way to change this for a 10 K.W. machine without incurring a heavy cancellation charge.

This machine was specially made for your order and it is not of a type which we keep in stock now on account of the almost universal use of alternating current in Canada.

If we were left with this machine on our hands it is very doubtful indeed if we would have an opportunity to sell it for a number of years. Ordinarily, and in the case of standard alternating current machines such as we are selling every month, we would be quite pleased to arrange for a customer to change an order like this without asking him to accept a cancellation charge, but in view of the special nature of this machine we feel that we cannot do so in this case.

As a matter of fact we would suggest that by far the best solution of the matter is for you to take this machine as it is and instal it. The fact that it is larger than you need will not have any practical disadvantage from the engineering point of view. It will not take any more power to run it than is required to handle the load which is actually on it.

With reference to the bearings, it is not practicable to convert this machine for ball bearings. There may be some condition with which we are not familiar which renders the use of

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Dept. Indian Affairs. 2.

ball bearings advisable in this case, but we cannot think of what this might be.

We do use ball bearings in certain cases, more particularly for direct connected motor generator sets and similar machines, but for any motor or generator arranged for belt drive with an overhung pulley it has been our experience that ball bearings have certain disadvantages and we cannot think of any condition under which the sleeve bearing would not be satisfactory.

We would again urge upon you the advisability of using this machine, but if for any reason you positively cannot do so we will make you a proposition involving the substitution of a 10 K.W. generator with ball bearings.

Yours very truly,

THE LINCOLN ELECTRIC CO. OF CANADA, LTD.

RES/Mc.

A. Smythies

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

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CANADA

" COPY "

DEPARTMENT OF THE INTERIOR
CANADA

DOMINION WATER POWER BRANCH

Winnipeg, Manitoba.

April 1st, 1925.

Sir,

I have your letter of March 24th stating that tenders have been accepted for the generator, motor, pump and pressure tank. In reply to my wire of Saturday you replied that the order for pump and motors had been cancelled but that it may not be possible to cancel the order for the generator.

In the revised report on the McIntosh power development and water system forwarded on Monday, you will have noted that the plans provide for belt driven machinery instead of motor driven. This revised layout by eliminating the motors for water and air pumps reduces the size of the generator required. If this revised scheme is approved, the Lincoln Electric Company might be asked to supply a 10 k.w. D.C. generator in place of the 17½ k.w. now ordered. The Canadian Fairbanks Morse Company have quoted a price of \$451.00 plus freight for a ball bearing 10 k.w. 1400 r.p.m. D.C. generator. Other prices for same generator without ball bearing and at higher speeds are considerably lower. I would, however, recommend that the speed of the generator be not higher than 1400 r.p.m.

With respect to the pump, I have, in the revised report, provided for a high-duty ball-bearing centrifugal pump with a capacity of 250 imperial gallons per minute against a pressure of 60 lbs. If fire protection is not required a centrifugal pump of 250 gallons capacity can be purchased at prices ranging from \$118.00 upwards.

The accepted tender for the pressure tank appears quite reasonable and there is no necessity of changing this order provided the tank has the necessary connections for pipes, and water gauge glasses arranged to suit the vertical setting shown on the plan. It is our intention to place three one-foot water glasses as shown on accompanying plan.

Of the tenders received for the turbine and governor I would recommend the acceptance of the tender of the Boving Hydraulic and Engineering Company, Lindsay, Ontario, for \$2178.00 F.O.B. McIntosh, including supervision of the erection; the Department of Indian Affairs to pay for board and lodging of the erection superintendent while at McIntosh. I would, however, like to have received

J. T. Johnston, Esq.,
Director, Dominion Water Power & Reclamation Service,
Department of the Interior,
Ottawa, Ontario.

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a tender from Chas. Barber & Sons, Meaford, Ontario. This firm have specialized in small size hydraulic installations for many years and I think it advisable to ask them to tender for this job, particularly as I have had some correspondence with them in reference to this work.

I do not consider it advisable to resume work on the dam or start work on the power house before the middle of May. The completion of the dam should be included as part of the contract for the power house building, construction of penstock and tailrace excavation. This work should be done by contract if possible as we have no equipment to handle the job by day labour. Turbines and other machinery should be delivered between June 1st and 10th. I would also point out the necessity of securing tenders for the wood stave penstock immediately so that this material will be delivered at an early date. As there are many details in connection with this work I would suggest that if the Department of Indian Affairs approve of the layout shown on the plans accompanying the revised report that the work could be expedited and carried on much more satisfactorily if authority is given me to proceed with the work and order the balance of the material not already ordered by the Department of Indian Affairs.

Your obedient servant,

Sgd... C. H. Attwood,
District Chief Engineer.

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MFC/ZB

130-7-16 B

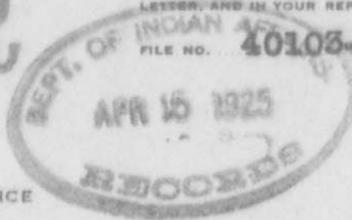
PLEASE ADDRESS YOUR REPLY TO
THE DIRECTOR OF
WATER POWER AND RECLAMATION
DEPARTMENT OF THE INTERIOR
OTTAWA CANADA



DEPARTMENT OF THE INTERIOR
CANADA

R

PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE
FILE NO. 40103-W.



DOMINION WATER POWER AND RECLAMATION SERVICE

OTTAWA, ONT. April 9, 1925.

McIntosh

Sir,

Re: Indian Residential School at
McIntosh, Ontario.

With reference to the tenders for the turbine in connection with the power development at the Indian residential school at McIntosh, Ontario, submitted by the Boving Hydraulic and Engineering Company, Rennie Engineering Company, and William Kennedy and Sons, these have been examined by Mr. Attwood, returned and handed to Mr. Chene.

Encl.

Mr. Attwood, as will be seen from his letter returning these tenders, copy of which is attached, recommends the acceptance of the tender of the Boving Hydraulic and Engineering Company of Lindsay - \$2178, F.O.B. McIntosh. He suggests however that an opportunity to tender on this work should be given to Charles Barber and Sons of Meaford, Ontario, who have specialized in small hydraulic installations of this nature. There may be some objection to asking this firm to submit a price in view of the fact that the other tenders have already been examined; but if not, I would recommend that Charles Barber and Sons be asked to tender on this work, failing which, the tender of the Boving Hydraulic and Engineering Company should be accepted.

Your obedient servant,

J. T. Johnston,
Director,
Water Power and Reclamation.

per M.F.C.

J. D. McLean, Esq.,
Assistant Deputy and Secretary,
Department of Indian Affairs,
Ottawa.

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

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MILLER-MORSE HARDWARE CO. LIMITED

WINNIPEG, CANADA

McDERMOT and ADELAIDE ST.

Feb 25/25.

WHOLESALE

Hardware, Cutlery, Sporting Goods, Automotive and Radio Equipment, Stoves, Furnaces, Paints, Oils, Etc.

NO. 2152

SOLD BY

TERMS 2% 30 days.

Sold to The Inspector of Indian Agencies
Room 204.
Chamber of Commerce.
City.

All goods F.O.B. warehouse of Miller-Morse Hardware Co., Limited (Winnipeg).
Interest after maturity charged at the rate of 8 per cent. per annum.
If correspondence is necessary regarding any item charged on this invoice PLEASE MENTION DATE AND REGISTER NUMBER.

If error exists, claims must be made promptly on receipt of goods.

EXAMINE and count all packages, and if shortage or damage appears, note on railway receipt BEFORE SIGNING. Our responsibility ceases upon delivery of goods to the transportation company.

FOR OUR OWN USE

Prices are subject to change without notice.

Express prepaid to The Principal, Indian Residential School, Ne Intosh, Ont.				
3rd	2 only Galvd Tees 3/4	.18	.36	✓
"	2 only " " 1/2	.15	.30	✓
"	3 only " Bushings 3/4 x 1/2	.09Bt	.27	✓
"	6 only " Nipple 3/4 x 3	.07	.42	✓
"	6 only " " 1/2 x 3	.05 1/2	.33	✓
"	2 only Jenkins Globe Valve 1/2	1.55Bt	3.10	✓
"	2 only " " " 3/4	2.10 Bt	4.20	✓
-----Eight & 98/100 dollars only.			8.98	✓
<p>Authority Letter 68-2-8 5 Jan. 1925.</p>				

Stamp: *Winnipeg*
MAR 31, 1925
2267
WINNIPEG, MAN.

*Material supplied, work performed
Prices fair and just.*

CERTIFIED CORRECT
W. H. Brown
Inspector of Indian Agencies

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

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CANADA

130-7-16
MILLER-MORSE HARDWARE CO. LIMITED
WINNIPEG, CANADA

McDERMOT and ADELAIDE ST.

Feb 25/25.



BEB.

WHOLESALE

Hardware, Cutlery, Sporting Goods, Automotive and Radio Equipment, Stoves, Furnaces, Paints, Oils, Etc.

NO. 2152

SOLD BY

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Sold to
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 If error exists, claims must be made promptly on receipt of goods.
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FOR OUR OWN USE

Prices are subject to change without notice.

Express prepaid to		The Principal, Indian Residential School. Mc Intosh, Ont.				
3rd	2 only Galvd Tees	3/4	.18	.36	✓	
"	2 only " "	1/2	.15	.30	✓	
"	3 only " Bushings	3/4 x 1/2	.09 Bt	.27	✓	
"	6 only " Nipple	3/4 x 3	.07	.42	✓	
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"	2 only Jenkins Globe Valve	1/2	1.55 Bt	3.10	✓	
"	2 only " " "	3/4	2.10 Bt	4.20	✓	
-----				8.98	✓	
----Right & 98/100 dollars only.						
----Authority Letter 68-2-8 5 Jan, 1925.						
				CERTIFIED CORRECT <i>Wm. R. Burns</i> Inspector of Indian Agencies		



Material supplied, work performed
Prices fair and just

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

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 CANADA

130-7-16A.

DEPARTMENTAL ENGINEER.

Ottawa, April 21, 1925.

J. T. Johnston

Sir,-

I am enclosing herewith a cut illustrating a Curtis Air Compressor, Model B, single cylinder, and beg to request that you advise me whether this type of compressor would meet the requirements of the specifications for the machinery to be used in connection with the proposed pneumatic waterworks system at the McIntosh Indian Residential School.

Encl.

As you will note, the specifications did not mention whether the compressor was to be of the One or Two Stage Type, I would, therefore, like to be advised accordingly before placing the order.

Your obedient servant,

J. T. Johnston, Esq.,
Director,
Dominion Water Power & Reclamation,
Dept. of the Interior,
Ottawa, Ont.

J. D. McLean,
Asst. Deputy and Secretary.

J. D. McLean

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

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DEPARTMENTAL ENGINEER

Ottawa, April 20, 1925.

Dear Sir,-

J. H. H.
I am enclosing herewith a copy of a letter received on the 15th instant from the Lincoln Electric Co. of Toronto, with reference to the proposed change in the machinery for the Lyons electric plant for the McIntosh Indian Residential School.

I would like to be advised as early as possible whether your district engineer in charge of this work would have any objection to having the 110 K. V. generator shipped to McIntosh, as suggested in the accompanying communication.

Yours truly,



F. H. Pagot
Chief Accountant & Purchasing Agent.

The Director,
Dominion Water Power Branch,
OTTAWA.

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

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WILBER S. GORDON, PRES. AND MANAGER



WINSTON G. GORDON, SALES MANAGER

THE STEEL TROUGH & MACHINE CO. LTD.

STEEL
TRUCK TANKS
GASOLINE TANKS
PNEUMATIC TANKS
AIR PRESSURE TANKS
OIL STORAGE TANKS
STEEL FACTORY EQUIPMENT

HEAVY AND LIGHT STEEL PLATE CONSTRUCTION
ENGINEERS—STEEL TANK SPECIALISTS—MACHINISTS

TWEED, ONT., CANADA

STEEL
CULVERTS
SMOKE STACKS
BATH TUBS
SANITARY CLOSETS
DAIRY EQUIPMENT
GASOLINE STORAGE SYSTEMS

Apr. 8th, 1925.

*Curtis
minder H.*

THE Department of Indian Affairs,
Ottawa, Ont.

Gentlemen,- Attention Purchasing Agent.

We were pleased to receive your enquiry covering prices on Air compressor 2½' x 3' with 6" tight and loose pulley.

We are returning the tender herewith and have quoted a price of \$51.00 on this machine, f.o.b. McIntosh, Ont, sales tax included in the price.

We notice you ask for a 6" tight and loose pulley on this machine but the standard pulley on the Curtis which we sell is 11" x 2½" and we have figured on supplying you with this size as we presume it will make no difference.

We could make shipment in about five days and trust to have your order.

Very truly yours,

THE STEEL TROUGH & MACHINE COMPANY, LIMITED,

SALES MANAGER.

WG/W
H.W.B.

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
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DEPARTMENT OF INDIAN AFFAIRS
OFFICE OF THE PURCHASING AGENT

Ottawa,

Req. No.

Waineseh, Ont.

Please quote your lowest price, ON THIS SHEET, for the following material f.o.b.

freight charges prepaid. Price must be shown NET, giving effect to all your trade discounts. No charge will be allowed for containers, racking, packing cases, crates or cartage. The right is reserved to accept or reject quotations on each item separately or as a whole. This sheet must be signed by you. Please return this sheet IN THE ACCOMPANYING ENVELOPE whether you quote or not.

Quotations will be received until noon

of the 20th April.

J. D. Chubb
Purchasing Agent.

To the Purchasing Agent, Dept. of Indian Affairs

We quote you the following prices on material listed below, freight charges prepaid to destination named. If favoured with your order we will ship within

(a) Five (5) Days after receipt of your order.

Date (b) Apr. 8th, 1925.

Sign here (c)

STEEL TROUGH & MACHINE CO. LTD.

WINDSOR, ONT. CANADA

QUOTATIONS ONLY. THIS IS NOT AN ORDER

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
		<p>Fill in number of days in space (a) and date in space (b) Sign your name in space (c)</p> <p>AIR COMPRESSOR FOR WAINESEH INDIAN INDUSTRIAL SCHOOL.</p> <p>2-2-1/2 x 2 air compressor, complete with six inch tight end loose pulley.</p>	51.00	51.00
		<p>NOTE: A cut illustrating this air compressor should be sent with quotation if possible. Government sales tax should be added. Vendors will not be accepted unless this form is properly filled in, and returned to the Department. For your information it is stated that Waineseh is situated on the C.N. V. (C.P.R.) 105 miles east of Winnipeg.</p> <p>J. D. CHUBB, DEPARTMENTAL ENGINEER.</p>		

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

DEPARTMENT OF INDIAN AFFAIRS
OFFICE OF THE PURCHASING AGENT

Ottawa,

Req. No.

McIntosh, Ont.

Please quote your lowest price, ON THIS SHEET, for the following material f.o.b.

freight charges prepaid. Price must be shown NET, giving effect to all your trade discounts. No charge will be allowed for containers, packing, packing cases, crates or cartage. The right is reserved to accept or reject quotations on each item separately or as a whole. This sheet must be signed by you. Please return this sheet IN THE ACCOMPANYING ENVELOPE whether you quote or not.

Quotations will be received until noon of the 20th April.

J. D. Chyne
Purchasing Agent.

To the Purchasing Agent, Dept. of Indian Affairs

We quote you the following prices on material listed below, freight charges prepaid to destination named. If favoured with your order we will ship within days after receipt of your order.

(a) Sign here (c) The Canadian Fairbanks Morse Co.

Date (b) April 14, 1925. *C. W. Longhlin*

QUOTATIONS ONLY. THIS IS NOT AN ORDER

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
		<p>Fill in number of days in space (a) and date in space (b) Sign your name in space (c)</p> <p>AIR COMPRESSOR FOR HOLIBUSH INDIAN RESIDENTIAL SCHOOL.</p> <p>1.-2-1/2 x 8 air compressor, complete with six inch tight and loose pulley.</p> <p>This is shown on page 4 of the booklet enclosed and is the #3 size.</p> <p>NOTE: A cut illustrating this air compressor should be sent with quotation if possible. Government sales tax should be added. Tenders will not be accepted unless this form is properly filled in, and returned to the Department. For your information it is stated that McIntosh is situated on the C.N. P. (C.P.P.) 168 miles east of Winnipeg.</p> <p>J. D. CHYNE, DEPARTMENTAL AGENT.</p>		<p>53. 21</p> <p>F.O.B. McIntosh Ont. Sales tax included.</p>

*Cartis total
March 13.*

J. D. Chyne

Indian Affairs. (RG 10, Volume 6221, file 472-16, part 2)

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