

Ottawa, April 4, 1925.

Dear Sir,-

With reference to my letter of the 31st ultimo regarding delivery of electrical machinery for the McIntosh Indian Residential School, I beg to inform you that owing to some changes having been made in this hydro-electric power plant, the electric motor ordered will not be required, but you may proceed with the building of the electric generator, which should be as follows,-

10 K.W. D.C. 125 Volts, ball bearing 1400 R.P.M.

Kindly advise me by return mail of the deductions from your tender price which will be allowed on account of this change in the capacity of this generator.

Yours truly,

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

Lincoln Electric Co.,  
Toronto, Ont.

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

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA



130-7-16

DEPARTMENT OF INDIAN AFFAIRS  
CANADA

Ottawa, April 4,  
1925.

MEMORANDUM:

*[Signature]*  
Mr. Paget.

Will you please advise me of the names of firms from whom quotations can be obtained for the furnishing of one air compressor for the McIntosh Indian Residential School.

*See subject  
for names  
of firms  
J.P.*

*[Signature]*  
DEPARTMENTAL ENGINEER.

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

PUBLIC ARCHIVES  
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CANADA

FIRMS ASKED TO TENDER FOR THE AIR-  
COMPRESSOR FOR THE MCINTOSH SCHOOL.

- 1 Darling Brothers, Ltd.,  
Montreal, Que.
- 2 CANADIAN WESTINGHOUSE CO., Ltd.,  
Hamilton, Ont.
- 3 CANADIAN VUNCANIZER & EQUIPMENT CO., Ltd.  
London, Ont.
- 4 CANADIAN PNEUMATIC TOOL CO., LTD.,  
Montreal, Que.
- 5 CANADIAN INGERSOLL-RAND CO., Ltd.,  
Montreal, Que.
- 6 CANADIAN GENERAL FIRE EXTINGUISHERS CO.  
(LTD.)  
Montreal, Que.
- 7 ELLIOTT & WHITEHALL MACHINE & TOOL CO  
GALT, ONT.
- 8 GRINNELL CO. OF CANADA, Ltd.,  
Montreal, Que.
- 9 MONARCH INDUSTRIES, LTD.,  
BEAMSVILLE, ONT.
- 10 V. O. PHILLIPS & SONS,  
Kitchener, Ont.
- 11 THE SMART-TURNER MACHINE CO., LTD.,  
Hamilton, Ont.
- 12 THE STEEL TROUGH & MACHINE CO., Ltd.,  
Tweed, Ont.
- 13 SUPERIOR MACHINERY CO., LTD.,  
London, Ont.
- 14 J. W. ANDERSON, Esq.,  
Ottawa. (Room 7, Bank St. Chambers)
- 15 THE CANADIAN FAIRBANKS-MORSE,  
Ottawa, Ont.

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 from **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, crating, 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 furnished 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><b>AIR COMPRESSOR FOR HENSTON INDIAN PROVISIONAL SCHOOL.</b></p> <p><b>1 - 2-1/8 x 3 air compressor, complete with six inch tight and loose pulley.</b></p> <p><b>NOTE:</b> A cut illustrating this air compressor should be sent with quotation if possible. Government sales tax should be added. Orders 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. R. 140 miles east of Winnipeg.</p> <p><b>J. D. CHASE, DEPARTMENTAL ENGINEER.</b></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.

Please quote your lowest price, ON THIS SHEET, for the following material **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 cartons. 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 10th April.**

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)  
here |

Date (b)

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><b>AIR COMPRESSOR FOR MCINTOSH INDIAN RESIDENTIAL SCHOOL.</b></p> <p><b>1 - 2-1/2 x 5 air compressor, complete with six inch tight and loose pulley.</b></p> <p><b>NOTE:</b> 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 G. N. 105 miles east of Winnipeg.</p> <p><b>J. L. CHASE, DEPARTMENTAL ENGINEER.</b></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. *1*

Please quote your lowest price, ON THIS SHEET, for the following material from **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.**

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) days after receipt of your order.

Date (b)

Sign here (c)

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><b>AIR COMPRESSOR FOR MCINTOSH                      INDIAN RESIDENTIAL                      SCHOOL.</b></p> <p><b>1 - 2-1/2 x 3 air compressor, complete with                      six inch tight and loose pulley.</b></p> <p><b>NOTE:</b> 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. R.                      165 miles east of Winnipeg.</p> <p><b>J. D. CHENE,                      DEPARTMENTAL ENGINEER.</b></p>		

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

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To. Mr. C. J. [unclear]

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

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

130-7-16  
ALL AGREEMENTS ARE CONTINGENT UPON STRIKES, ACCIDENTS, DELAYS IN TRANSPORTATION,  
FIRES, AND OTHER CAUSES BEYOND CONTROL.

PHONE Q. 2502

**J. W. ANDERSON**  
SALES ENGINEER

ROOM 7, BANK STREET CHAMBERS

OTTAWA,  
CANADA

R

DEPT. OF INDIAN AFFAIRS  
APR 7 1925  
RECORDS

REPRESENTING:  
CANADIAN CRANKER WHEELER CO., MOTORS,  
GENERATORS, TRANSFORMERS, ETC.,  
STANDARD UNDERGROUND CABLE CO. WIRE,  
CABLE, POTHEADS, ETC.,  
MONARCH ELECTRIC CO. LTD., OIL SWITCHES,  
SWITCHBOARDS, ETC.,  
ELECTRICS LIMITED, WESTINGHOUSE MAZDA  
LAMPS, ETC.,  
HISEY WOLF MACHINE CO., ELECTRIC DRILLS,  
GRINDERS, ETC.

REPRESENTING:  
CANADIAN SIROCCO CO., VENTILATORS,  
EQUIPMENT, FANS, ETC.,  
DOMINION RADIATOR CO. LTD., RADIATORS,  
BOILERS, ETC.,  
SPIELMAN AGENCIES, REG'D., ENAMELS,  
PAINTS, VARNISHES, ETC.,  
JOHN INGLIS COMPANY LTD., PUMPS,  
BOILERS, ENGINES, ETC.,  
CANADA WIRE & IRON GOODS CO. LTD.,  
WIRE GOODS, ORNAMENTAL IRON, ETC.

April 6th, 1925.

*Mr. C. J. ...*

Department of Indian Affairs,  
Booth Building,  
City. Attention F.H. Paget, Esq.,  
Chief Accountant & Purchasing Agent.

Your Reference #130-7-16

Dear Sir:

I beg to acknowledge with thanks receipt of your communication of the 4th inst. advising that the writer may now arrange the delivery of the 3" pump for the McIntosh Indian Residential School. The writer notes that no electric motor is required in the revised project for this Hydro Electric Plant. Will you kindly advise if you desire that a Flexible Coupling be furnished with this unit, or if you desire a pulley instead of the Flexible Coupling? If a pulley is desired, will you kindly advise what diameter pulley is required, together with width of face?

Thanking you in anticipation and awaiting the favour of a prompt reply,

Yours very truly,

*J. W. Anderson*

JWA/GS

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

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

Return of Labour on the McINTOSH INDIAN RESIDENTIAL SCHOOL

For week ended March 14th 1925 1925

All payments to be made in presence of person signing as witness.

Carpenter . Re- Building Furniture. (Equipment.)

NAMES	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	No. days	Price per day	Amount of wages	RECEIVED PAYMENT	
							<u>worked</u> <u>Hrs.</u>				
Linde E.	Days....						<u>14</u>			\$ .cts.	
							9 9	.80	7.20		<i>E Linde</i>
-----											
For week ended MARCH 21. 1925.											
	Days... <u>16 17 18 19 20 21</u>										
Linde E.	10	12	11	10	10	10	63	.80	50.40		<i>E Linde</i>
-----											
For week ended MARCH 28th 1925.											
	Days.. <u>23 24 25 26 27 28</u>										
Linde E.	10	10	10	10	10	10	60	.80	48.00		<i>E Linde</i>
-----											
For week ended APRIL 4th 1925.											
	Days.. <u>30 31 1 2 3 4</u>										
Linde E.	-	-	9	10	10	5	34	.80	27.20		<i>E Linde</i>
Total:-									<u>\$132.80</u>		

Cheque No.....

Balance.....

WITNESS:

I hereby certify that the services have been performed and that the prices are fair and just.

*[Signature]*

Agent.

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

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

Return of Labour on the McINTOSH INDIAN RESIDENTIAL SCHOOL

For week ended March 14th 1925 1925

All payments to be made in presence of person signing as witness.

Carpenter . Re- Building Furniture. (Equipment.)

NAMES	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	No.	Price per day	Amount of wages	RECEIVED PAYMENT	
							days worked				
							Hrs.	Hr.			
Linde E.	Days....						14			\$ .cts.	
							9 9	.80	7.20	E. Linde	
-----											
For week ended MARCH 21. 1925.											
	Days... 16 17 18 19 20 21										
Linde E.	10	12	11	10	10	10	63	.80	50.40	E Linde	
-----											
For week ended MARCH 28th 1925.											
	Days.. 23 24 25 26 27 28										
Linde E.	10	10	10	10	10	10	60	.80	48.00	E Linde	
-----											
For week ended APRIL 4th 1925.											
	Days.. 30 31 1 2 3 4										
Linde E.	-	-	9	10	10	5	34	.80	27.20	E. Linde	
	Total:-									\$132.80	

Cheque No.....

Balance.....

WITNESS:

I hereby certify that the services have been performed and that the prices are fair and just.

*[Signature]*

Agent.

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

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA





Department of Indian Affairs

Vote No. 286

Treaty No.

To McINTOSH INDIAN RESIDENTIAL SCHOOL

Per *[Signature]*

Wages . Griffith. Frank.

1925.		SERVICE.	AMOUNT.
Mar.	6.	Friday , 9 hours . at 40 cts.	3.60
	7.	Saturday , 9 " " 40 "	3.60
	9.	Monday , 8 " " " "	3.20
	10.	Tuesday, 9 " " " "	3.60
	11	Wednesday 2 " " " "	.80
		<u>37</u> hrs. @ 40 cts.	<u>\$ 14.80</u>
<i>Hauling Furniture -            Unloading Car.            - Helping to install generator.</i>			
<i>Received Payment.</i> Signed: <i>Frank Griffith</i>			
			TOTAL,

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

*[Signature]*

Agent.  
*[Signature]*

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

PUBLIC ARCHIVES  
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CANADA

McINTOSH INDIAN RESIDENTIAL SCHOOL

Return of Labour on the

For week ended MARCH 7<sup>th</sup> 1925. 192

All payments to be made in presence of person signing as witness.

Labour on Temporary Water & Electric Plant.

NAMES	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	No. days worked	Price per day	Amount of wages	RECEIVED PAYMENT	
	2	3	4	5	6	7	Hrs	Hr.			
Gauthier Eugene		3	3	5	5	6	22	75	16.50	E. Gauthier	
For week ended MARCH 14. 1925											
	9	10	11	12	13	14					
Gauthier Eugene	4	5	3	6	7	5	30	75	22.50	E. Gauthier	
For week ended MARCH 21 1925.											
	16	17	18	19	20	21					
Gauthier Eugene	3	4	5	7	4	5	28	75	21.00	E. Gauthier	
For week ended MARCH 28 1925.											
	23	24	25	26	27	28					
	4	5	5	6	5	8	33	75	24.75		
								Total.	\$	64.75	
Gauthier Eugene	30	31									
	5	5						10	72	7.50	E. Gauthier
									Total for March	\$ 92.25	

Cheque No.....

Balance.....

WITNESS:

I hereby certify that the services have been performed and that the prices are fair and just.

*[Signature]*  
Agent  
Principal

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

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

Return of Labour on the McINTOSH INDIAN RESIDENTIAL SCHOOL

*53* For week ended MARCH 7 th 1925. 192

All payments to be made in presence of person signing as witness.  
 = Labour on Temporary Water & Electric Plant.

NAMES	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	No. days worked	Price per day	Amount of wages	RECEIVED PAYMENT	
Days...	2	3	4	5	6	7	Hrs	Hr.			
Gauthier Eugene		3	3	5	5	6	22	75	16.50	<i>E. Gauthier</i>	
For week ended MARCH 14. 1925											
Days.....	9	10	11	12	13	14					
Gauthier Eugene.	4	5	3	6	7	5	30	75	22.50	<i>E. Gauthier</i>	
For week ended MARCH 21 1925.											
Days.....	16	17	18	19	20	21					
Gauthier Eugene.	3	4	5	7	4	5	28	75	21.00	<i>E. Gauthier</i>	
For week ended MARCH 28 1925.											
Days....	23	24	25	26	27	28					
	4	5	5	6	5	8	33	75	24.75		
								Total.	\$	84.75.	
Gauthier Eugene	30	31								<i>E. Gauthier</i>	
	5	5					10	75	7.50		
								Total for March---	\$	92.25	

Cheque No.....  
 Balance.....  
 WITNESS:

I hereby certify that the services have been performed and that the prices are fair and just.

*J. B. Boyer*  
 PRINCIPAL

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

PUBLIC ARCHIVES  
 ARCHIVES PUBLIQUES  
 CANADA

Return of Labour on the McINTOSH INDIAN RESIDENTIAL SCHOOL

For week ended February 7th 1925

All payments to be made in presence of person signing as witness.

*Labour on Temporary Water & Electric Plant*

NAMES	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	No. days worked	Price per day		Amount of wages	RECEIVED PAYMENT
								Hrs.	Hr.		
Gauthier A.	3	4	3	3	4	4	21	75	15.75		<i>A. Gauthier J. Hordern B. J. Leach E. Gauthier</i>
Stordeur J.	2	4	5	5	5	4	34	40	13.60		
Leach Reg.	2	4	4	7	5	2	27	35	9.45		
Gauthier E.			5	5	5	2	26	75	19.50		
										<u>\$ 58.30</u>	

For week ended ..... February <sup>21</sup> 29th 1925.

Gauthier A.	5	4					14	75	10.50		<i>A. Gauthier J. Hordern B. J. Leach E. Gauthier</i>
Stordeur J.	2	2					6	40	2.40		
Leach Reg.	2	1					3	35	1.05		
Gauthier E.	5	3					13	75	9.75		
										<u>\$ 23.70</u>	

For week ended .... February 28th 1925.

Gauthier A.											<i>E. Gauthier</i>
Stordeur J.											
Leach Reg.											
Gauthier E.	5	3			5		4	17	.75	12.75	
										<u>\$ 12.75</u>	

Cheque No..... Total:- 58.30  
 Balance..... 23.70  
 WITNESS: \$ 94.75

I hereby certify that the services have been performed and that the prices are fair and just.

*[Signature]*  
 Agent  
*[Signature]*  
 Principal

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

PUBLIC ARCHIVES  
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 CANADA

130-7-86

Return of Labour on the **McINTOSH INDIAN RESIDENTIAL SCHOOL**

DEPT. OF INDIAN AFFAIRS  
APR 7 1925  
RECORDS

36

For week ended February 7th 1925

All payments to be made in presence of person signing as witness.

Labour on Temporary Water & Electric Plant.

*Dr. Gauthier*

NAMES	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	No. days worked	Price per day	Amount of wages	RECEIVED PAYMENT
							Hrs.	Hr.		
Gauthier A.	3	4	3	3	4	4	21	75	15.75	<i>A. Gauthier</i>
Stordeur J.	2	4	8	8	8	4	34	40	13.60	<i>J. Stordeur</i>
Leach Reg.	2	4	4	7	8	2	27	35	9.45	<i>R. J. Leach</i>
Gauthier E.			8	8	8	2	26	75	19.50	<i>E. Gauthier</i>
									\$ 58.30	

For week ended ..... February 21st 1925.

Gauthier A.	8	4		2			14	75	10.50	<i>A. Gauthier</i>
Stordeur J.	2	2		2			6	40	2.40	<i>J. Stordeur</i>
Leach Reg.	2	1					3	35	1.05	<i>R. J. Leach</i>
Gauthier E.	8	3		2			13	75	9.75	<i>E. Gauthier</i>
									\$ 23.70	

For week ended .... February 28th 1925.

Gauthier A.										
Stordeur J.										
Leach Reg.										
Gauthier E.	5	3		5		4	17	.75	12.75	<i>E. Gauthier</i>
									\$ 12.75	

Cheque No..... Total:- 58.30  
 Balance..... 23.70  
 WITNESS: \$ 94.75

I hereby certify that the services have been performed and that the prices are fair and just.

*J. B. Boyer*  
Agent  
Principal

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

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
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 7, 1925.

*Acet*



Department of Indian Affairs,  
Ottawa, Ontario.

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

In reply to your letter of April 4th. we are sorry that we were unable to give you the information asked for by return mail. We shall have to look into this matter thoroughly before we can make you a definite proposition covering the changes that you require to make in your order for the generator for McIntosh School. We will write you further in a day or two, as soon as we can get the matter figured out.

Yours very truly,

THE LINCOLN ELECTRIC CO. OF CANADA, LTD.

*R. E. Smythies*

RES/Mc.

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

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

150-7-14

Ottawa, April 9, 1925.

Dear Sir,-

*File*

Replying to your letter of the 6th instant regarding the purchase of a three inch centrifugal pump for the McIntosh Indian Residential School, I beg to say that the pump should be provided with a pulley 9" in diameter by 6", tight and loose.

Yours truly,

*F. H. Paget*

F. H. PAGET,  
Chief Accountant and Purchasing Agent.

J. W. Anderson, Esq.,  
Room 7, Bank St.,  
Ottawa

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

PUBLIC ARCHIVES  
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CANADA

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

**BOVING HYDRAULIC & ENGINEERING CO.**  
LIMITED  
LINDSAY, ONTARIO

YOUR REF.  
OUR REF.

TENDER NO. 1514 A.  
DATE March 12, 1925

To the Purchasing Agent,  
Department of Indian Affairs,  
Ottawa.

Dear Sir:-

We thank you for sending us your Specifications covering one  
30 BHP Single Horizontal Turbine and we take pleasure in returning same  
duly filled in.

Referring to the enclosed blueprint WT 481 we offer as follows:

- ONE(1) Single Horizontal Turbine capable of developing 30 BHP under 15 ft  
net effective head when running at 450 RPM. Guaranteed efficiencies  
80%, 82%, 83% and 77% at full, 7/8, 3/4 and 1/2 gate respectively.  
The equipment will consist of the following parts:-
- 1-Runner with Buckets of Steel Plate cast into the Rim and Hub by  
our special process which ensures guaranteed adhesion.
  - 1-Complete Guide Apparatus with balanced pivoted Vanes of Semi Steel  
bronze bushed in the Pivot bearings and connected to the Regula-  
ting Ring by short bronze bushed Links. Very heavy design suitable  
for continuous operation.
  - 1-Wall Frame of Cast Iron for connection to the Wheel Pit wall.
  - 1-Quarter Turn of Cast Iron, split and provided with hand holes.
  - 1-Turbine Shaft of best O.H. Steel, 2-15/16" diameter, extended as  
shown on our blueprint WT 481.
  - 1-Packing Box for the Turbine Shaft, bronze bushed, grease lubricated.
  - 1-Lignum Vitae Guide and Thrust Bearing mounted on the top of the  
Guide Apparatus. Adjustable by bronze screws.
  - 1-Ring Lubricated Babbitt lined outboard Bearing with removable  
Bushing. Heavy type, guaranteed to run without heating.
  - 1-Base Plate for ditto.
  - 1-Pulley of Cast Iron 30" diameter x 9" face, crowned, carefully mach-  
ined and balanced.
  - 1-Gate Shaft of best O.H. Steel 2" diameter.
  - 1-Lever of Cast Steel for the Gate Shaft, bronze bushed.
  - 1-Connecting Link of Steel.
  - 1-Wall Frame and Packing Box for the Gate Shaft.
  - 1-Draft Tube of 1/4" steel plate, tapered section, 7'-0" long. With  
Cast Iron flange for connection to the Quarter Turn.
  - 1-Woodward Mechanical Compensating type Governor Size D. complete  
with the necessary connection to the Turbine.
  - 1-6" Drain Valve for emptying the Wheel Pit.

Price.....\$2,178.00

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FOB McIntosh, Ont. including Sales Tax and supervision of the erection on the understanding that our Erection Superintendent, while at McIntosh, is furnished with board and lodging free of charge.

Terms of Payment: 60% in exchange for Bill of Lading, balance upon test, test to be made within 60 days after the date when the first installment was due.

The Turbine which we are offering you will be of our highest class as used for permanent hydro-electric Plants, efficient and substantial and fully guaranteed by us.

Yours faithfully,

Boving Hydraulic & Engineering Co., Limited,

*[Signature]*  
General Manager.

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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. 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 *Sixty* days after receipt of your order.

Date (b) *March 12<sup>th</sup> 1925* here Sign (c)

*WILLIAM HYDE & ENGINEERING CO. LIMITED*

*[Signature]*  
GENERAL MANAGER

QUOTATIONS ONLY. THIS IS NOT AN ORDER

QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION
----------	-------------	------------	-----------

Fill in number of days in space (a) and date in space (b)  
Sign your name in space (c)

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.

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 In- Mission school near McIntosh, Province tario.

Contractor will furnish and provide 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.

Delivery shall be made by the Contractor O.R. McIntosh, in the Province of Ontario, within sixty days of the date upon which contract is awarded.

ing horizontal turbine, to be set open wheel pit, capable of developing H.P. under 15 ft. net effective head. No sition will be considered for this tur- unless the efficiency guarantee when oper- at gate openings from 2" to full gate, is at 50%.

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QUOTATIONS CONTINUED

Date

Reg. No.

Item	Quantity	DESCRIPTION	Unit Price	Extension
<u>MATERIALS TO BE SUPPLIED.</u>				
(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.				
(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.				
(c) Wall Frame/ of suitable dimensions and of cast-iron for connection to the wheel pit wall.				
(d) Quarter Turn. The quarter turn shall be of cast-iron, split and provided with hand-holes.				
(e) Turbine Shaft. The shaft shall be of the best open hearth forged steel and shall have a forged thrust collar to take the unbalanced thrust of the runner.				
(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.				
(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.				
(h) Draft Tube. The Draft tube shall be conical tube of 1/2" plate, 7' long. It will be riveted to a cast-iron single ring bolted to the Quarter Turn.				
(i) Governor Connections. There shall be provided such connections as are required for operating the gates by means of Size 3 Woodward Compensating Governor.				

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QUOTATIONS CONTINUED

Date

Reg. No.

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>		

\$2,178.00

*(Two thousand one hundred and seventy eight dollars)*

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 Intosh is situated on the main line of the T. Rwy., 165 miles east of Winnipeg.

J. D. Ghene,  
Departmental Engineer

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SPECIFICATION  
of  
17" A TYPE "F" HORIZONTAL TURBINE  
for  
McIntosh Indian School  
for  
DOMINION WATER POWER BRANCH  
DEPARTMENT OF THE INTERIOR  
WINNIPEG, MAN.

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GENERAL

These specifications are to cover the furnishing of materials for, and the manufacture and delivery f.o.b. cars McIntosh, Ont. of one (1) horizontal turbine unit, consisting of one (1) 17" A Type "F" runner mounted on a horizontal shaft, with guide casing and gate operating mechanism, discharging through a quarter turn cast iron elbow with steel plate draft tube, complete with lignumvitae bearing in flume and ring oiling thrust bearing, wheel shaft extended through quarter turn, with one cast iron pulley, 38"x9" face, for belt drive to the generator, complete with gate operating mechanism as shown on accompanying drawing P.D. 10448. The unit will be constructed for installation on steel foundation beams, which are included in this proposal.

CAPACITY

This unit will develop 30 H.P. at a speed of 356-360 R.P.M. when operating under a net effective head of 15 ft.

RUNNER

The runner shall be of the Improved Samson Type, 17" in diameter, with heavy steel plate buckets cast

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RUNNER (Continued)

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.

GUIDE CASING AND GATE OPERATING MECHANISM

The regulating gates shall be of cast iron of the balanced wicket type. They shall be made accurately to pattern and be faced on the edges and narrow strips on the backs 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 which is operated by a lever on the gate shaft.

QUARTER TURN

The quarter turn shall be of cast iron split vertically and bolted to the ~~base~~ <sup>cast iron</sup> with bronze staffing box for wheel shaft. It shall be supported by a heavy draft tube ring, which is carried on the foundation beams.

WALL RING

There will be provided a wall ring for concreting into flume wall. To this ring will be bolted a flange of the extension ring, forming a water tight joint.

WHEEL SHAFT

The wheel shaft shall be of the best open hearth forged steel and shall have a forged thrust collar to take the unbalanced thrust of the runner. It will have the runner forced on up to a shoulder by hydraulic pressure and securely keyed. There will also be keyed and fitted to it the 38" x 9" generator drive pulley and the governor pulleys.

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BEARINGS

The wheel shaft will be supported by three bearings - one adjustable lignumvitae thrust bearing in the flume bolted to the crown plate and supported on cast iron pedestal, and by one ring oiling thrust bearing behind the quarter turn carried on a heavy cast iron pedestal bolted to the foundation beams, and one ring oiling outboard bearing on cast iron pedestal, all to be bolted to the foundation beams.

DRAFT TUBE

A steel plate conical draft tube of 1/4" plate 7 ft. long, will be provided. It will be rivetted to a cast iron angle ring bolted to the quarter turn.

GOVERNOR CONNECTIONS

There will be provided such connections as are required for operating the gates by means of Woodward Size D Mechanical Governor, as shown on accompanying cut. This governor will operate the gates over full range in 5 to 10 seconds.

RUNAWAY SPEED

The runaway speed of this unit under 15 ft. head with gates wide open and no load on the generator will be 630 R.P.M.

PERFORMANCE

The performance of this unit when properly installed in accordance with our drawings will be in accordance with efficiency curve #192.

WORKMANSHIP & MATERIAL

All material and workmanship shall be first class and shall be fully equal to the best engineering practice as used on similar equipment.

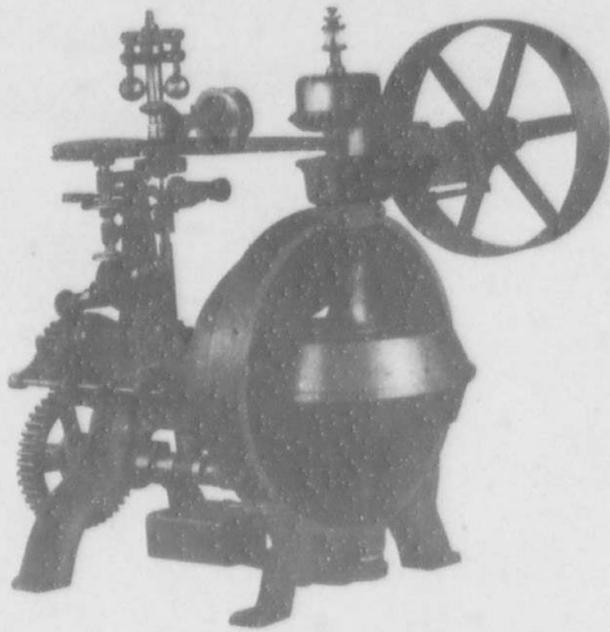
WILLIAM HAMILTON COMPANY, Limited.  
Peterboro, Ont.  
March 9th, 1925.



*RCE*

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**Vertical Model Compensating Type Governor**

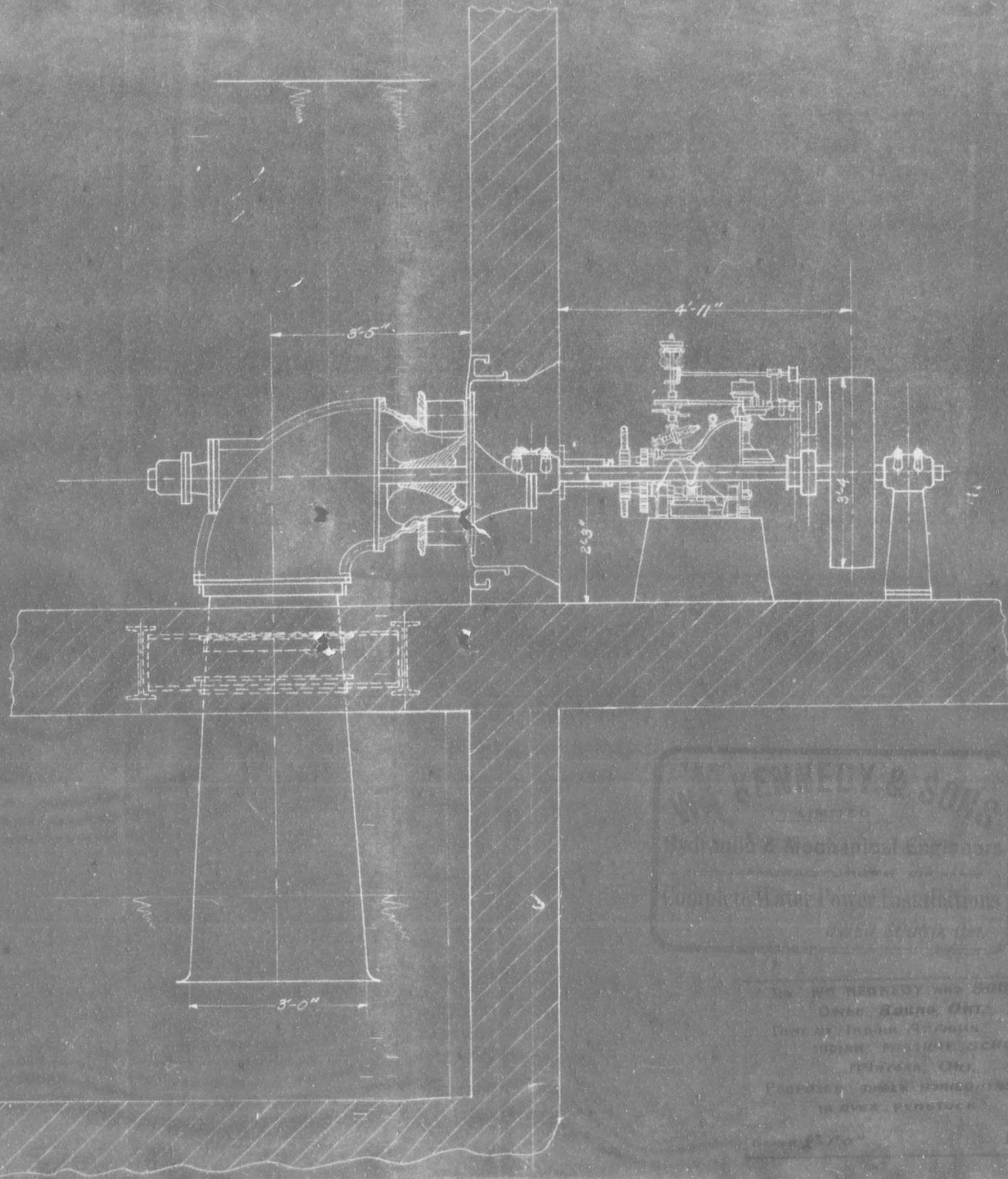
Size D Capacity 200 Foot Pounds per second  
Size C Capacity 400 Foot Pounds per second  
Maximum rate of operating gate five seconds over full range

WOODWARD GOVERNOR COMPANY  
ROCKFORD, ILLINOIS  
U. S. A.

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LOCAL PURCHASE—ABSTRACT OF TENDERS

1925 by letter Due Jan 18 1925 Opened Jan 24 1925 by J.R. Bann

FIRMS ASKED TO QUOTE

ARTICLE	Messrs Miller Morse & H'wase Co	Marshall Wells Co	Wood Vallance	J.H. Saldougn H'wase Co	REMARKS
iron pipe and fittings for drain residential school M'Intosh, Ont.					
iron piping and fittings responsible connections fitting for pipe water tank	220.62	220.62	220.63	220.62	
	Complete	incomplete	incomplete		

Note - order for these goods was placed with Messrs Miller Morse & H'wase Co. Quotation was complete for all the items in the order.

2209

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

DATE 24 Jan 1925

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