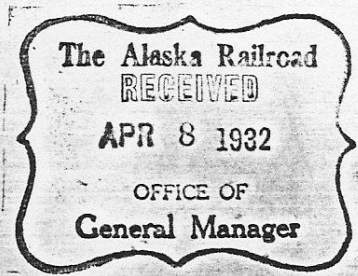


410

*Mr. Johnson*

Anchorage, Alaska  
April 8, 1932

Mr. J. R. Ummel,  
Purchasing Agent,  
The Alaska Railroad,  
Bell Street Terminal,  
Seattle, Washington.



Dear Sir:

Attached hereto please find list of Narrow Gauge Equipment which was used on the Chatanika Branch.

It is our desire to dispose of this equipment and therefore request that you issue a call for bids to cover equipment as listed.

We also have approximately two hundred fifty to four hundred fifty tons of miscellaneous railroad scrap for sale, f. o. b. cars, Seward, Alaska, which should also be included in call for bids.

If we receive no bids equal to or higher than the appraised price we will offer most of these items as scrap and try to dispose at market scrap value.

Yours very truly,

D. W. METZDORF  
General Storekeeper

DWM:MSW



LIST OF NARROW GAUGE EQUIPMENT

Wheels mounted on axles (new):

Item	Axle	Dia. of Wheels	Wt. of Wheel	Appraisal Price
1.	3, Only, 4-1/4" x 8"	26"	440 Lb.	\$ 6.00 Ea.
2.	1 " 4" x 6" Mule Axle	23"	500 "	7.00 "
3.	3 " 4" x 7" Standard	26"	500 "	7.25 "
4.	4 " 4" x 7"	24"	400 "	5.75 "
5.	2 " 4" x 7"	24"	360 "	5.50 "
6.	2 " 4" x 7"	26"	440 "	6.00 "

Steel trucks complete with axles and wheels (new and secondhand):

7.	3, Only, New 4-wheel steel truck with 4-1/4" x 8" axles, 28" wheels,	500 Lb.	\$15.00 Ea.
8.	2 " S.H. " wood bolster truck 3-3/4" x 7" "	26" "	350 " 13.00 "
9.	1 " " " steel truck with 4-1/2" x 8" "	26" "	440 " 14.00 "
10.	25 " " " wood bolster truck 3-3/4" x 6" "	26" "	440 " 7.50 "

11. ONE, ONLY, NARROW GAUGE ENGINE NO. 151. . . . \$ 750.00

Make	Baldwin, Shop No. 11,073
Date Made	1890
Type	2-8-0
Cylinder Diameter	16-3/4"
Stroke	21"
Drive Wheel Base	12'1"
Total Engine Wheel Base	19'2-1/2"
Boiler Pressure	145 Lbs.
2 - Edna Water Glass Gauges	
1 - 8" Air Pump	
Wheel Centers	32"
Tires	1-9/16" Thick
Main Driving Wheels are Third Pair	
No. 2 and No. 3 Driver Blind	
Valve Gear Stephenson Link with Balanced Valves	
Engine Truck Wheels 23" Cast Iron Center Steel Tires	
Tank Wheels Cast Iron	
Tractive Power	16,600 Lbs.
Head Light Generator Pyle Electric	
Coal Capacity of Tank	5 Tons
Water Capacity of Tender	2500 Gallons
Tender Trucks Steel	
Underframe Wood	
Number of Boiler Tubes	144
Length of Tubes	10'8"
Diameter of Tubes	2"
Size of Air Pump	8"
Back of Cab Flush with Boiler Head	

Length Inside	28'2"
Width Inside	6'2"
Height Inside	6'1"
Length Overall	32'
Width Overall	7'2"
Height Rail to Eaves	10'2"
Height Rail to Running Board	10'8"
Side Doors, Width	6'
Side Doors, Height	6'
End Doors, Height	6'
End Doors, Width	20"
Capacity	40,000 Lbs.
Construction, Wood	
Condition, Fair and Good	

(One of the above cars has been used as a hot car and dimensions vary from the other two slightly.)

14. EIGHT, ONLY, FLAT CARS. . . . . \$ 250.00 Each

Capacity	40,000 Lb.
Length Overall	30' to 32'
Width Overall	7'2"
Steel Trucks	
Journals	4" x 7"
Wheels	28"

15. TEN, ONLY, CONTRACTOR DUMP CARS. . . . . \$ 150.00 Each

Made by	Western Wheel Scraper Co.
All Steel except body which has Wooden ends, sides and bottom	
Length (Inside Dia. of Body)	9'
Width " " " "	6'
Height " " " "	20"
Weight	3200 Lb.
Rail to Top of Truck	29"
Length Overall	126"

16.	5-B-17	1, Only,	Bearing Journal Pony Truck Dinky		\$ 1.75
17.	5-B-19	2 "	Bearings Journal for Tanks Dinky	1.875	3.75
18.	5-B-40	11 "	Boxes for Western Dump Cars, 4 Yd.	1.50	16.50
19.	5-B-52	2 Set	Brass Back End Main Rod 4-7/8"	7.50	15.00
20.	5-B-54	1 1/2 "	Brass Back End Engine Rough 4"	3.55	5.33
21.	5-B-56	1 "	Brass Side Rod Round Engine 2-3/4 x 3-1/4		1.88
22.	5-B-57	1 "	Brass Back End Main Rod Dinky Engine		6.00
23.	5-B-60	82 Only	Brasses for Western Station Dump Car .34 1-3/4"		27.88
24.	5-B-66	4 "	Brass, Side Rod, Front and Back N. G. Eng. 1-3/4"	2.00	8.00
25.	5-B-72	1 Set	Brass, Side Rod, Front and Back 2-3/4"		2.50
26.	5-B-76	57 Only	Brasses, Journal No. 236, No. 266	4.165	237.41
27.	5-B-78	3 Set	Brass, Back Engine Finished 3"	5.00	15.00
28.	5-C-25	5 Only	Cellars, Grease, Loco. Brass N. G. 1/2	2.50	12.50

29. 5-H-25 1, Only, Heads Piston C. Iron for N. G. Locos. 14-1/2" Dia. \$ 6.25

Appraisal price Items 1 to 29, inclusive, f. o. b. cars, Seward, Alaska.

Item 16 to 29, inclusive, new material.

				Estimated Weight	Appraisal Price
30.	20, Only,	Frogs	35 and 40 Lb.	1.5 Ton	\$ 15.00 per T.
31.	38 "	Points, Switch	35 and 40 Lb.	1.9 "	15.00 " "
32.	8800 Pcs.	Rail, 30 Ft. Long	35 and 40 Lb.	1628 "	12.00 " "
33.	13500 "	Angle Bars for 35 and 40 Lb. Rail		47 "	17.50 " "
34.	4740 "	Tie Plates for 35 and 40 Lb. Rail		9.5 "	21.00 " "
35.	2000 "	Rail Brace for 35 and 40 Lb. Rail		3 "	25.00 " "
36.	36000 Lbs.	Spikes, Track 1/2" x 4-1/2"		18 "	25.00 " "
37.	7600 "	Bolts, Track 3/4" x 3-1/2"		3.8 "	30.00 " "
38.	3200 "	" " 3/4" x 3"		1.6 "	30.00 " "
39.	2 Only	Cross-overs, 40 Lb.		.4 "	15.00 " "
40.	10 "	Wheels, Car, Cast Iron 24", 3-1/2" Core,			
		400 Lb. Ea.		2 "	2.00 Ea.
41.	55 "	Wheels, Car, Cast Iron 26" Dia. 440 Lb. Ea.			
		4-5-1/4" Core; 51 - 4-3/8" Core		12.1 "	2.20 "
42.	5 "	Wheels, Car, Cast Iron 26" Dia. 450 Lb. Ea.			
		3-9/16" Core		1.125 T.	2.25 "
43.	45 "	Wheels, Car, Cast Iron 28" Dia. 500 Lb. Ea.			
		4-1/2" Core		11.25 "	2.50 "

Appraisal price Items 30 to 43, inclusive, f. o. b. cars, Seward, Alaska.

Items 30 to 39, inclusive, are secondhand material but in first class condition, showing very little wear.

Items 40 to 43, inclusive, wheels, have never been used.

44. ONE, ONLY, GAS ELECTRIC CAR NO. 105. . . \$ 750.00 f.o.b. car, Seward, Alaska

Total Length Inside	26'6" Long
Length of Passenger Compartment	17'1"
Length of Engine Compartment	9'5"
Width Inside	8'4"
Height from Floor to Ceiling in Center	7'8"
Two Side Seats Each	12'9"
One End Seat	5'
Total Seating Capacity	22 Persons
Standing Capacity	18 "
Total Capacity	40 "
Street Car Style of Body	
Two 42" Side Doors Near Front End of Car	
Two 32" Side Doors Hinged in Center at Back of Car	

The above car runs on two axles (four wheels with a five H.P. 110 Motor driving each wheel, or a total of 2- H.P. in motors attached to the four wheels). These motors are operated from a gasoline engine driven by 125 volt generator which is operat-

ing constantly, and the car speed controlled with a rheostat similar to a street car. This car is also equipped with a headlight in the dash forward and rear; also a large electric headlight on top of front end. The street car body is Standard Gauge size, and car can be converted into Standard Gauge without much trouble by changing frame and moving out wheels.

45. ONE, ONLY, GAS CAR NO. 110. . . . . \$ 400.00 f.o.b. Car, Seward, Alaska

Length Inside	17'
Width Inside	68"
Height in Center of Car	6'6"
Two Side Seats with Seating Capacity of 17 Persons	
Single Seat Rear Door Hinged in Center	
Width of Door Near Forward End of Car for Motorman	28"

This car is equipped with small truck in front with single axle truck in rear, driven by chain from Model Ford "T" Engine with transmission to transmit power from engine to sprocket wheel through chain to rear axle.

# The Alaska Railroad.

ANCHORAGE, ALASKA

## LIST OF NARROW GAUGE EQUIPMENT

### Wheels mounted on axles (new):

<u>Item</u>	<u>Axle</u>	<u>Dia. of Wheels</u>	<u>Wt. of Wheel</u>	<u>Appraisal Price</u>
1.	3, Only, 4-1/4" x 8"	26"	440 Lb.	\$ 6.00 Ea.
2.	1 " 4" x 6" Mule Axle	28"	500 "	7.00 "
3.	3 " 4" x 7" Standard	28"	500 "	7.25 "
4.	4 " 4" x 7"	24"	400 "	5.75 "
5.	2 " 4" x 7"	24"	360 "	5.50 "
6.	2 " 4" x 7"	26"	440 "	6.00 "

### Steel trucks complete with axles and wheels (new and secondhand):

7.	3, Only, New 4-wheel steel truck with 4-1/4" x 8" axles, 28" wheels, 500 Lb.,	\$15.00 Ea.
8.	2 " S.H. " wood bolster truck 3-3/4" x 7" " 26" "	350 " 13.00 "
9.	1 " " " steel truck with 4-1/2" x 8" " 26" "	440 " 14.00 "
10.	25 " " " wood bolster truck 3-3/4" x 6" " 26" "	440 " 7.50 "

11. ONE, ONLY, NARROW GAUGE ENGINE NO. 151. . . . . \$ 750.00

Make	Baldwin, Shop No. 11,073
Date Made	1890
Type	2-8-0
Cylinder Diameter	16-3/4"
Stroke	21"
Drive Wheel Base	12'1"
Total Engine Wheel Base	19'2-1/2"
Boiler Pressure	145 Lbs.
2 - Edna Water Glass Gauges	
1 - 8" Air Pump	
Wheel Centers	32"
Tires	1-9/16" Thick
Main Driving Wheels are Third Pair	
No. 2 and No. 3 Driver Blind	
Valve Gear Stephenson Link with Balanced Valves	
Engine Truck Wheels 23" Cast Iron Center Steel Tires	
Tank Wheels Cast Iron	
Tractive Power	16,600 Lbs.
Head Light Generator Pyle Electric	
Coal Capacity of Tank	5 Tons
Water Capacity of Tender	2500 Gallons
Tender Trucks Steel	
Underframe Wood	
Number of Boiler Tubes	144
Length of Tubes	10'8"
Diameter of Tubes	2"
Size of Air Pump	8"
Back of Cab Flush with Boiler Head	

Total Length of Engine	53'6"
Weight on Drivers	66,400 Lbs.
Estimated Weight, Engine and Tender	100,000 Lbs. (50 Tons)

(This engine has been in use during the past summer hauling steel rails to Fairbanks, account of taking up Narrow Gauge line, and is in working condition.)

(Two sets of 23" Steel Tired Wheels, Cast Iron Centers, mounted on axles, included in price of this locomotive.)

12. ONE, ONLY, NARROW GAUGE ENGINE NO. 152. . . . . \$ 17,212.00

Make	Baldwin No. 53296
Date Made	1920
Type	4-6-0
Cylinder Diameter	14"
Stroke	20"
Center to Center of Cylinders	80"
Drive Wheel Base	10'11"
Total Engine Wheel Base	19'5"
Total Engine and Tender Wheel Base	45'3"
Train Length, Engine and Tender	55'
Boiler Pressure	185 Lbs.
2 - Edna Water Glass Gauges	
1 - 8" Air Pump	
Wheel Centers	38"
Thickness of Tires	2-1/2"
Diameter of Tires at present	43"
Main Driving Wheels are Middle Drivers and are Blind	
Valve Gear	Walschart
Engine Truck Wheels	22" C.I.
Tank Wheels	28" "
Tank Journals	4-1/4" x 8"
Weight on Drivers	50,000 Lbs.
Tractive Effort Theoretical	16,865 Lbs.
Water Capacity of Tender	2,500 Gallons
Coal Capacity without Side Boards	5 Tons
Width of Fire Box	23"
Bottom of Fire Box to Crown Sheet at Door	48-3/8"
Bottom of Fire Box to Crown Sheet at Flue Sheet	54"
Headlight Generator	Pyle Electric
Headlight	2 - Engine and Tender

13. THREE, ONLY, BOX CARS. . . . . \$ 350.00 Each (\$ 1,000.00 for 3)

Size of Axle	4" x 7"
Diameter of Cast Iron Wheels	28"
Length Inside	28'2"
Width Inside	6'2"

Height Inside	6'1"
Length Overall	32'
Width Overall	7'2"
Height Rail to Eaves	10'2"
Height Rail to Running Board	10'8"
Side Doors, Width	6'
Side Doors, Height	6'
End Doors, Height	6'
End Doors, Width	20"
Capacity	40,000 Lbs.
Construction, Wood	
Condition, Fair and Good	

(One of the above cars has been used as a hot car and dimensions vary from the other two slightly.)

14. EIGHT, ONLY, FLAT CARS. . . . . \$ 250.00 Each

Capacity	40,000 Lb.
Length Overall	30' to 32'
Width Overall	7'2"
Steel Trucks	
Journals	4" x 7"
Wheels	28"

15. TEN, ONLY, CONTRACTOR DUMP CARS. . . . \$ 150.00 Each

Made by Western Wheel Scraper Co.  
 All Steel except body which has Wooden ends, sides and bottom

Length (Inside Dim. of Body)	9'
Width " " " "	6'
Height " " " "	20"
Weight	3200 Lb.
Rail to Top of Truck	22"
Length Overall	126"

16.	5-B-17	1, Only,	Bearing Journal Pony Truck Dinky		\$ 1.75
17.	5-B-19	2 "	Bearings Journal for Tanks Dinky	1.87 $\frac{1}{2}$	3.75
18.	5-B-40	11 "	Boxes for Western Dump Cars, 4 Yd.	1.50	16.50
19.	5-B-52	2 Set	Brass Back End Main Rod 4-7/8"	7.50	15.00
20.	5-B-54	1 $\frac{1}{2}$ "	Brass Back End Engine Rough 4"	3.55	5.33
21.	5-B-56	1 "	Brass Side Rod Round Engine 2-3/4 x 3-1/4		1.88
22.	5-B-57	1 "	Brass Back End Main Rod Dinky Engine		6.00
23.	5-B-60	82 Only	Brasses for Western Station Dump Car .54 1-3/4"		27.88
24.	5-B-68	4 "	Brass, Side Rod, Front and Back N.G. Eng. 1-3/4"	2.00	8.00
25.	5-B-72	1 Set	Brass, Side Rod, Front and Back 2-3/4"		2.50
26.	5-B-76	57 Only	Brasses, Journal #236 #266	4.16 $\frac{1}{2}$	237.41
27.	5-B-78	3 Set	Brass, Back Engine Finished 3"	5.00	15.00
28.	5-C-25	5 Only	Cellars, Grease, Loco. Brass N.G. $\frac{1}{2}$	2.50	12.50



29. 5-H-25 1, Only, Heads Piston C. Iron for N.G. Locos. 14 $\frac{1}{2}$ " Dia. \$ 6.25

Appraisal price Items 1 to 29, inclusive, f.o.b. cars  
Seward, Alaska.

				Estimated Weight	Appraisal Price
30.	20,	Only, Frogs	35 and 40 Lb.	1.5 Ton	\$ 15.00 per T.
31.	38	" Points, Switch	35 and 40 Lb.	1.9 "	15.00 " "
32.	8800	Pcs. Rail, 30 Ft. Long	35 and 40 Lb.	1628 "	12.00 " "
33.	13500	" Angle Bars for 35 and 40 Lb. Rail		47 "	17.50 " "
34.	4740	" Tie Plates for 35 and 40 Lb. Rail		9.5 "	21.00 " "
35.	2000	" Rail Brace for 35 and 40 Lb. Rail		5 "	25.00 " "
36.	36000	Lbs. Spikes, Track 1 $\frac{1}{2}$ " x 4- $\frac{1}{2}$ "		18 "	25.00 " "
37.	7600	" Bolts, Track 3 $\frac{1}{4}$ " x 3- $\frac{1}{2}$ "		3.8 "	30.00 " "
38.	3200	" " " 3 $\frac{1}{4}$ " x 3"		1.6 "	30.00 " "
39.	2	Only Cross-overs, 40 Lb.		.4 "	15.00 " "
40.	10	" Wheels, Car, Cast Iron 24", 3- $\frac{1}{2}$ " Core	400 Lb. Ea.	2 "	2.00 Ea.
41.	55	" Wheels, Car, Cast Iron 26" Dia. 440 Lb. Ea.			
		4 - 5- $\frac{1}{4}$ " Core; 51 - 4- $\frac{3}{8}$ " Core		12.1 "	2.20 "
42.	5	" Wheels, Car, Cast Iron 26" Dia. 450 Lb. Ea.			
		3-9 $\frac{1}{16}$ " Core		1.125 T.	2.25 "
43.	45	" Wheels, Car, Cast Iron 28" Dia. 500 Lb. Ea.			
		4- $\frac{1}{2}$ " Core		11.25 "	2.50 "
44.	10000	" N. G. Hemlock Ties, Sawed, 6" x 7" x 6'			.90 "

Appraisal price Items 30 to 44, inclusive, f.o.b. ship  
Seward, Alaska

Items 30 to 39, inclusive, are secondhand material but in first  
class condition, showing very little wear.

Items 40 to 43, inclusive, wheels, have never been used.

Item 44, ties, have never been used.

*R. D. Thompson*  
R. D. THOMPSON

Chief Accountant

*W. L. Kinsell*  
W. L. KINSELL

Sup't Motive Power & Equipment

*E. W. Metzdorf*  
E. W. METZDORF

General Storekeeper

APPROVED:

*C. H. Holmes*  
C. H. HOLMES

Acting General Manager

APPRAISAL COMMITTEE

SUPPLEMENT TO NARROW GAUGE EQUIPMENT LIST

45. ONE, ONLY, GAS ELECTRIC CAR NO. 105 . . . \$750.00 F.O.B. Car, Seward, Alaska

Total Length Inside	26'6" Long
Length of Passenger Compartment	17'1"
Length of Engine Compartment	9'5"
Width Inside	8'4"
Height from Floor to Ceiling in Center	7'8"
Two Side Seats Each	12'9"
One End Seat	5'
Total Seating Capacity	22 Persons
Standing Capacity	18 "
Total Capacity	40 "
Street Car Style of Body	
Two 42" Side Doors Near Front End of Car	
Two 32" Side Doors Hinged in Center at Back of Car	

The above car runs on two axles (four wheels with a five H.P. 110 Motor, driving each wheel, or a total of 20 H.P. in motors attached to the four wheels). These motors are operated from a gasoline engine driven by 125 volt generator which is operating constantly, and the car speed controlled with a rheostat similar to a street car. This car is also equipped with a headlight in the dash forward and rear; also a large electric headlight on top of front end. The street car body is Standard Gauge size, and car can be converted into Standard Gauge without much trouble by changing frame and moving out wheels.

46. ONE, ONLY, GAS CAR NO. 110 . . . . . \$400.00 F.O.B. Car, Seward, Alaska

Length Inside	17'
Width Inside	68"
Height in Center of Car	6'6"
Two Side Seats with Seating Capacity of	17 Persons
Single Seat Rear Door Hinged in Center	
Width of Door Near Forward End of Car for Motorman	28"

This car is equipped with small truck in front with single axle truck in rear, driven by chain from Model Ford "T" Engine with transmission to transmit power from engine to sprocket wheel through chain to rear axle.

APPROVED:

*C. H. Holmes*  
C. H. HOLMES

Acting General Manager

*R. D. Thompson*

R. D. THOMPSON  
Chief Accountant

*W. L. Kinsell*

W. L. KINSELL  
Sup't Motive Power & Equipment

*D. W. Metzdorf*

D. W. METZDORF  
General Storekeeper  
APPRAISAL COMMITTEE