

- 1 - 2-7/16" eccentric shaft complete.
- 1 - 1-15/16" countershaft complete.
- 1 - 2-15/16" drive shaft.
- 3 - 2-7/16" roller shafts, 10" wheels, complete.
- 2 - C. I. racks.
- 1 - Connecting rod complete with bracket.
- 1 - 2-1/2" B coupling.
- 1 - 120-DH Reducer, 47.7 to 1 ratio with C.I. base.
- 1 - 5 H.P., 1080 RPM, totally enclosed hoist type motor, shaft extended both sides.
- 1 - #43 F.M. Brake.
- 1 - Reversing starter and switch.
- 1 - 12 T., 1.93 P.D., RC-40 sprocket.
- 1 - 70 T., 11.145" P.D., CR-40 sprocket.
- 6' 0" of RC-40 chain.
- 1 - Limit switch LS-424-A.
- 1 - 5 H.P. 1160 RPM, totally enclosed fan-cooled motor with rails.
- 1 - Combination starter and switch, dust-tight air breaker, push button.
- 1 - V-belt drive 5.8 and 25" P.D., 5-B-90 ropes.
  
- 1 - Box car loader complete.
  
- Note: Purchaser has the above unit on hand in good condition. Contractor to dismantle, transfer and erect same at new site.
  
- 2 - Undercut bin gates for house coal and refuse bins, manually operated.
  
- 1 - Item of miscellaneous platwork:
  - 1 - R.O.M. chute.
  - 1 - R.O.M. telescoping chute.
  - 1 - R.O.M. crusher hopper and hood, and belt loader.
  - 1 - Belt discharge chute.
  - 1 - Item of pickers' chutes.
  - 3 - Picking table discharge chutes.
  - 1 - Item of miscellaneous chutes.
  - 1 - Item of gear and V-belt guards.
  
- 4 - Car retarders, complete.
  
- 1 - Control board.
  
- 1 - Item Power wiring.
  
- 1 - Item light wiring and fixtures as per specifications.
  
- 1 - Item machinery design and details complete job.

## STRUCTURAL ESTIMATE FOR TIPPLE

### FOUNDATIONS:

Excavation -	200 cubic yards
Backfill -	106 cubic yards
Mass reinforced concrete -	102 cubic yards
Reinforced concrete floors -	8000 square feet
Anchor bolts -	2700 pounds.

### STRUCTURAL STEEL:

Building steel -	194 tons
Conveyor frames	26 tons

### CORRUGATED COVERING:

Roofing - #22 Gauge	78 squares
Siding - #24 Gauge	112 squares
Ridge Roll - #22 Gauge	85 feet
Flashing - #22 Gauge	320 feet
Fasteners, straps, tinnerns rivets and burrs	700 pounds

### STEEL SASH - STANDARD:

30 - 52160	- complete with glass and hardware.
2 - 22140	- complete with glass and hardware.
5 - 52	- complete with glass and hardware.

Sash to be glazed with wire glass, obscure in general.  
except for points of observation.

### SKYLIGHT:

Complete with corrugated glass	55 square feet
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### DOORS AND FRAMES:

Metal, complete with hardware	4.
-------------------------------	----

### STAIR TREADS:

35 Subway grating type 6" x 2'2"

### LUMBER:

Floors and nailers	5800 B. F.
Bolts and nails	2200 pounds
Paint (field)	110 gallons

ESTIMATED WEIGHTS

(1) MACHINERY:	Platwork	65,000#	
	Machinery	145,500#	
	Electrical, including motors	40,300#	
	Crusher	38,000#	
	Reducers	8,500#	
	Conveyor belting	<u>4,500#</u>	301,800 lbs.

(2) STRUCTURAL STEEL:

Dump House - 70 Tons	140,000#	
Tipple 220 Tons	<u>440,000#</u>	580,000 lbs.
Total 290 Tons		

(3) STRUCTURE:	Auxiliary Equipment	28,675#	
	Siding, doors, windows, floors, etc., (Concrete floors not included)	<u>60,352#</u>	89,027 lbs.

TOTAL STRUCTURE COMPLETE (Items 2 and 3 Above) 669,027 lbs.

(4) CONCRETE FOUNDATIONS AND FLOORS:

Dump House	2,000,700#	
Tipple	<u>818,100#</u>	2,818,800 lbs.

(5) TOTAL ESTIMATED WEIGHT ABOVE:

Foundations for machinery and structure (Items 1, 2 and 3)	<u>970,827 lbs.</u>
--	---------------------

(6) TOTAL ESTIMATED WEIGHT COMPLETE PLANT (including floors and foundations) 3,789,627 lbs.

## ELECTRICAL SPECIFICATIONS

### MOTORS:

Motors shall be supplied for 3-phase, 60-cycle, 220 volt rating. They shall be totally enclosed, fan-cooled, ball bearing with bases as required, high torque and rated at 55 degrees C. continuously.

Motor-generator set (110 volts D.C.) shall be totally enclosed, fan-cooled, ball bearing with flexible coupling and common bedplate.

### STARTERS:

Starters shall be of standard sizes as required and consist of combinations of magnetic starters and fused safety switches in a unit cabinet, or starters and Delcon air breakers in a unit cabinet, as decided. Starters shall be equipped with two thermal overload elements and 220 volt holding coils with interlock and overload relay. Breakers if used shall include one magnetic trip. All cabinets will be dust-tight and wing nut clamps.

### SWITCHES:

Limit and reversing switches shall be in dust-tight enclosures. Limit switches shall be the rotating type cam type. Reversing switches shall be of the forward-reverse-stop safety type.

### BRAKES:

Brakes shall be either solenoid or disc type and mounted upon the motor. They shall be in dust-tight enclosures.

### DISTRIBUTION CENTER:

One distribution center shall be provided upon which will be mounted all motor starters, light panel and relay. Starters will be wired to bars in bus way. Bus bars shall have a carrying capacity of 1000 amperes per phase at 220 volts.

### CONTROL CONSOLE:

One control console shall be provided. It shall include start-stop-lockout switches, indicating lights and nameplates for each motor. Resistors and lamps shall be included in the board assembly. Horn signals shall be controlled from this center.

Start-stop-lockout switches shall be provided at the motors. Lockout circuits of both motor and console switches shall be connected in series in order to provide "safe" lockout at either position.

#### POWER WIRING

Power wiring shall consist of 30% pure para rubber covering and be double braided. Conduit and fittings shall be galvanized.

#### LIGHT WIRING

Light wiring shall be as specified under power wiring. Conduit and fittings shall be galvanized. Lights shall be supplied with reflectors and glass diffusers. Ninety light outlets have been estimated, inclusive of fifteen to be equipped with diffusers. Fifteen convenient outlets have been included.

#### FEEDER SYSTEM

One hundred feet of conduit inclusive of main feeder wires, fittings, boxes, etc., have been included as a connection with the Coal Company's transformers and the distribution center.

#### TRANSFORMERS, BREAKERS AND ARRESTORS

No transformers, oil circuit breakers or lightning arresters are included in this electrical arrangement.

353-12

Omaha, November 28, 1941.

Mr. J. A. Bennewitz:

Herewith the duplicate originals of Agreement C. D. No. 26168 between The Union Pacific Coal Company and Allen and Garcia Company, covering construction of tipple at Hanna.

Will you kindly approve as to execution, returning to me for disposition, together with two file copies?

Original Signed  
EUGENE MCAULIFFE

ALLEN & GARCIA COMPANY  
CONSULTING & CONSTRUCTING ENGINEERS

  
McCORMICK BUILDING  
332 S. MICHIGAN AVE.

CHICAGO

WM. VONMEDING,  
SECRETARY AND TREASURER

PHONE  
HARRISON 2472

Nov. 27th, 1941.

Mr. Eugene McAuliffe, President,  
The Union Pacific Coal Co.,  
1416 Dodge St.,  
Omaha, Nebr.

Dear Mr. McAuliffe:

We are in receipt of your note of the 26th with accompanying letter confirming understanding between yourselves and our Mr. von Perbandt in Omaha on the 25th.

Unfortunately, Mr. von Perbandt is out of town and will be until Monday. The writer discussed the details with Mr. von Perbandt upon his return and there is only one point on which I am not clear, but my understanding may not be correct. I understood Mr. von Perbandt that because of technicalities in connection with the matter of sales tax, that orders should read F.O.B. point of origin freight allowed to destination instead of F.O.B. Hanna, Wyoming. It all amounts to the same in dollars and cents, but in one case delivery is taken at the point of origin and the other case at Hanna. You probably know the legal angles covering this point. We are agreeable either way, whichever suits your purpose best. The okayed note is enclosed herewith.

Yours very truly,

ALLEN & GARCIA COMPANY

BY

*William von Meding*

WVM:HL

THE UNION PACIFIC COAL COMPANY  
WASHINGTON UNION COAL COMPANY

EUGENE MCAULIFFE,  
PRESIDENT

1416 DODGE STREET  
OMAHA, NEBRASKA

IN REPLY, PLEASE REFER TO

FILE 353-12

November 26, 1941

Mr. L. von Perbandt, President  
Allen & Garcia Company  
McCormick Building  
332 South Michigan Ave.  
Chicago, Illinois

Dear Mr. von Perbandt:

If this letter meets our understanding, please OK this note, returning to me in tomorrow's mail. If you have changes to suggest, revise the copy, returning same to me.

Sincerely yours,

*Eugene McAuliffe*

APPROVED:

ALLEN & GARCIA COMPANY

BY

*William von Weidling*

ALLEN & GARCIA COMPANY  
CONSULTING & CONSTRUCTING ENGINEERS



MCCORMICK BUILDING  
332 S. MICHIGAN AVE.

CHICAGO

WM. VONMEDING,  
SECRETARY AND TREASURER

PHONE  
HARRISON 2472

Nov. 27th, 1941.

Mr. Eugene McAuliffe, President,  
The Union Pacific Coal Co.,  
1214 Dodge St.,  
Omaha, Nebr.

Dear Mr. McAuliffe:

We are returning herewith, both copies of  
the contract for the Hanna job, properly executed.  
We will appreciate the return of our copy signed on  
your part with the date of the signing filled in.

Thanking you, we are,

Yours very truly,

ALLEN & GARCIA COMPANY

BY

*William von Meding*

WVM:HL

Encl.

353-12

Omaha - November 26, 1941

Mr. P. F. Echele:

Your File GA-5400-5403-372 of November 15 on the routing of the material for the new tipple being built by The Union Pacific Coal Company at Hanna:

All the orders for this material will come over my desk for routing, which we will ask the Traffic Department to furnish, this our usual practice.

Original Signed  
EUGENE McAULIFFE

cc: Mr. C. E. Astler-Cheyenne  
Mr. C. A. Pollock-Chicago

353-12

Omaha - November 26, 1941

Mr. W. T. Burns - Chicago:

Your File A-920 of November 18 on purchase of motors for our new tipple at Hanna, Wyoming:

The question of price and delivery, particularly delivery, enters into the purchase of the motors required for this job. At the present time indications point to the fact that the GE Company has a very good chance to secure the business.

As we generally receive more or less pressure on every purchase of this sort, when buying continuously through the year we try to divide business equitably among the various firms.

Original Signed  
EUGENE MCAULIFFE

cc: Mr. L. T. Wilcox  
Mr. E. L. Fries

353-12

November 26, 1941

Mr. L. von Perbandt, President  
Allen & Garcia Company  
McCormick Building  
332 South Michigan Ave.  
Chicago, Illinois

Dear Mr. von Perbandt:

If this letter meets our understanding, please OK this note, returning to me in tomorrow's mail. If you have changes to suggest, revise the copy, returning same to me.

Sincerely yours,

Original Signed  
EUGENE McAULIFFE

November 28, 1941

Mr. L. von Perbandt, President  
Allen & Garcia Company  
McCormick Building  
332 South Michigan Ave.  
Chicago, Illinois

Dear Mr. von Perbandt:

Confirming our understanding, agreed upon in Omaha on the 25th in conformance with contract between The Union Pacific Coal Company and Allen & Garcia Company covering the construction of our 4-A Mine tipples at Hanna, it is our understanding that your office will prepare form of order for all material and machinery (other than minor items), such order to include manufacturer selling company with address, detail of material required, and cost of same f.o.b. Hanna, Wyoming. In the event that it is not desirable to prepay the freight, then orders should specifically show point of delivery, freight to be paid by consignee, details of time of delivery to be also shown thereon. Where a car is to be loaded at two or more places, detail of that information should also be set forth on the order, the routing left open. Where two or more quotations have been received on specific material and machinery, same should be shown as an additional memorandum, detail only required in the instance of the successful bidder's quotation.

This information should be sent to Mr. F. A. Hunter, Purchasing Agent, The Union Pacific Coal Company, Rock Springs, Wyoming, who will immediately pass to the Vice President, Operation, and Chief Engineer for check and approval; thereafter making his order in the usual form, making use of the details set up in the Allen & Garcia Company order which he will retain in his file. All orders so made by Mr. Hunter to be forwarded to this office for inclusion of rail routing and subsequent delivery to the Allen & Garcia Company. Under this arrangement, as provided in the contract, copies of which will be sent to Rock Springs very quickly, all major purchases will be made by The Union Pacific Coal Company and the price paid, together with freight and cost of handling if any, to be set up as a debit against the price of \$214,000 to be paid the Allen & Garcia Company for the completed installation, the

von Perbandt

contract, however, providing that all Sales and Use Taxes, Federal or State, will be absorbed by The Union Pacific Coal Company and not debited against Allen & Garcia Company.

It will be necessary for Mr. Hunter to establish a clear accounting relation with Auditor Tallmire in connection with the purchases handled by him.

Sincerely yours,

Original Signed  
EUGENE McAULIFFE

cc: Mr. G. B. Pryde  
Mr. H. C. Livingston  
Mr. Frank Tallmire  
Mr. F. A. Hunter

Omaha - November 26, 1941

Memorandum

Discussed revision of A & G contract covering No. 4-A tippie, Hanna, in Omaha November 25. The Law Department represented by Mr. John U. Loomis, Mr. W. R. Rouse, and Mr. F. J. Melia, the A & G Company represented by Mr. von Perbandt, and myself for the Coal Company.

The contract was amended and handed by me to Mr. von Perbandt for check, execution and return to this office.

C-26168

Omaha - November 25, 1941.

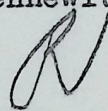
Mr. Eugene McAuliffe:

Contract for coal tipple - Hanna.

In accordance with understanding reached in our conference today, I have amended the proposed contract with Allen and Garcia Company so as to include the provision giving the Coal Company the option to purchase materials and deduct the cost, plus transportation and handling charges, from the contract price.

The duplicate originals of the contract as revised are handed you herewith.

John A. Bennewitz.



VICE PRESIDENT  
ADDRESS  
CHICAGO

ALLEN & GARCIA COMPANY  
CONSULTING & CONSTRUCTING ENGINEERS



MCCORMICK BUILDING  
332 S. MICHIGAN AVE.

CHICAGO

WM. VONMEDING,  
SECRETARY AND TREASURER

PHONE  
HARRISON 2472

Nov. 21st, 1941.

Mr. Eugene McAuliffe, Pres.,  
The Union Pacific Coal Co.,  
1416 Dodge St.,  
Omaha, Nebr.

Dear Sir:-

In accordance with our telephone conversation of today, we are returning to you herewith, copy of contract submitted to us for execution unsigned.

The only comment that we have to make in connection with this contract is that the clause on taxes does not seem to include any change in Federal taxation, should there be any, and it might be well to cover in this respect.

The amounts recommended by Mr. Livingston and Mr. Pryde, namely, \$50,000.00 for one person, one accident \$100,000.00 and property damage by accident \$25,000.00, meets with our approval.

The writer will be prepared to be in Omaha Monday for a further discussion should you deem it advisable.

Yours very truly,

ALLEN & GARCIA COMPANY

BY

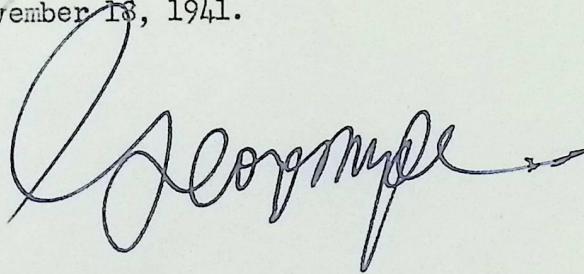
LVP:HL

Encl.

Rock Springs - November 19, 1941

Mr. Eugene McAuliffe:

Herewith, for your information and files, copy of letter from Mr. H. C. Livingston to Allen and Garcia Company, with regard to Drawings M-10, M-19, and M-22, in connection with the Hanna No. 4-A Mine Tipple, the letter dated November 18, 1941.

A handwritten signature in dark ink, appearing to read "George M. Allen". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

November 18, 1941.

Allen and Garcia Company  
McCormick Building  
Chicago, Illinois

ATTENTION: Mr. L. vonPerbandt

SUBJECT: Drawings M-10, M-19, and M-22, Job  
1277, Hanna 4-A Mine Tipple.

Gentlemen:

In checking over drawing No. M-10, we note that through Section "CC" the side plates are continuous for the nut table only. We request that you make the side plates continuous for both the nut and egg tables, same to be cut out as per Section "CC" for the lump table only, this due to our previous experience with the Reliance Plant. Also, referring to plan showing degradation plates at house coal gate location. We request you do not furnish degradation plates at this point as we do not wish to throw the minus 1-5/8" coal into the house coal bin. In lieu thereof, we prefer to have the degradation plates with 1" round perforation instead of 1-5/8" round, located directly over the mixing conveyor on each table.

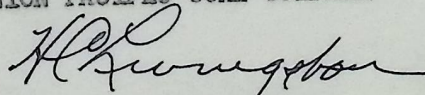
Referring to Drawing No. M-22, which has our approval with the exception of the angle of the chute from the picking table to the loading boom when same is in a raised position to allow travel of the rack and pinion gate of mixing conveyor. Please design same so that the chute will have an adequate angle of discharge to the boom when the chute is in a raised position.

Other than the above mentioned criticism, the drawings have our approval.

Yours very truly,

THE UNION PACIFIC COAL COMPANY

By



Chief Engineer.

A. M. L.  
NOV 18 1941

RECEIVED

NOV 19 1941

VICE PRESIDENT,  
OPERATION

CC - Mr. George B. Pryde ✓  
Mr. I. N. Bayless

Chicago, November 18, 1941.

File A-920.

Mr. Eugene McAuliffe - Omaha:

The General Electric Company are calling attention to an inquiry of \$6,000 for motors to be installed in the coaling station at Hanna, Wyoming, for the account of the Union Pacific Coal Company.

They would like very much to have this business and would appreciate anything we can do for them. As a matter of information, for the first eight months of 1941 we have been favored with 23,803 tons for this account compared with 16,624 tons for the same period a year ago.

W. T. BURNS.

2.

CC-Mr. L. T. Wilcox  
Mr. E. L. Fries

Omaha - November 15th, 1941

File GA-5400-5403-372

Mr. Eugene McAuliffe - Omaha

I have the following, dated November 5th, from Mr. C. E.

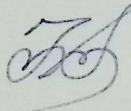
Astler, Traveling Freight Agent, Cheyenne:

"The Union Pacific Coal Company will build a new tipple at Hanna next Spring and the contract was let the past few days to Allen and Garcia Company, McCormick Building, Chicago, Mr. L. von Perbandt, President.

Mr. Livingston, Coal Company Engineer, advises there will be 300 tons of structural steel from Newcastle, Ind., also machinery, motors, etc., and contract provides that it must, of course, be shipped rail and routed via UP. You may already have this information from Mr. McAuliffe's office but if not assume you will want to dictate the routing for the entire haul as Mr. Livingston advises that if so this can be done by handling through Mr. von Perbandt."

If you will advise me as to the points of origin of the various materials and equipment involved in this contract, I shall be glad to suggest routing up to our line.

P. F. ECHLE



CC Mr. C. E. Astler - Cheyenne

Mr. C. A. Pollock - Chicago

ALLEN & GARCIA COMPANY

CONSULTING & CONSTRUCTING ENGINEERS



MCCORMICK BUILDING  
332 S. MICHIGAN AVE.

CHICAGO

WM. VONMEDING,  
SECRETARY AND TREASURER

PHONE  
HARRISON 2472

Nov. 14th, 1941.

Mr. Eugene McAuliffe, President,  
The Union Pacific Coal Co.,  
1416 Dodge Street,  
Omaha, Nebr.

Dear Mr. McAuliffe:-

We have received the contract submitted for our inspection and as soon as we have completed checking it will return to you for execution.

We have been busy proceeding with the ordering of all the necessary material, plans, etc., and now have a good start.

Thanking you for this order and assuring you of our sincere appreciation of your courtesy and friendship, we are,

Yours very truly,

ALLEN & GARCIA COMPANY

BY

LVP:HL

CC-Mr. Geo. B. Pryde

353-12

November 15, 1941

Allen & Garcia Company  
McCormick Building  
332 So. Michigan Avenue  
Chicago, Illinois

Gentlemen:

The duplicate copy of the contract sent you November 11 has been returned by Mr. Pryde and he advises same checks with our understanding.

Mr. Livingston and Mr. Pryde recommend that the amounts furnished under public liability be set for one person \$50,000, one accident \$100,000, property damage by one accident \$25,000; he further suggesting that the effective date of insurance coverage be made as of March 1, 1942. Premiums on these amounts are quite nominal and, per contract, will be paid by The Union Pacific Coal Company.

Sincerely yours,

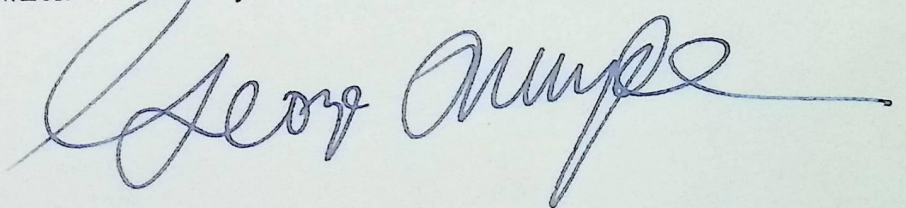
Original Signed  
EUGENE MCAULIFFE

Rock Springs - November 13, 1941

Mr. Eugene McAuliffe:

Referring to your letter of the 11th inst., file 353-12:

I am returning herewith the duplicate original of Cont. Dept. No. 26168, covering construction of the new tibble at Hanna by the Allen & Garcia Company. The contract has been carefully checked, and is correct. Please note Mr. Livingston's comments regarding Public Liability, in his letter herewith attached, and I coincide with these recommendations.

A handwritten signature in blue ink, appearing to read "George Mump", with a long horizontal flourish extending to the right.

Rock Springs - November 13, 1941.

George B. Fryde:

We are returning herewith duplicate original copy of C. D. Number 26168, contract covering the construction of the new tipple at Hanna by the Allen and Garcia Company.

The contract has been checked and found to be in order.

Referring to Mr. McAuliffe's letter of date November 11, 1941, file No. 353-12, second paragraph, regarding Public Liability and Property Damage Insurance, we would recommend that the same coverage be issued to the Allen and Garcia Company as was furnished the Morrison-Knudsen Co. on railroad grade and culvert work as the amount of exposure to liability and damage would be approximately the same. The amounts furnished under Public Liability were one person \$50,000.00, one accident \$100,000.00; the Property Damage was one accident \$25,000.00. In this regard we would suggest that the effective date of the insurance coverage be made as of March 1, 1942, as the actual field work will not start until that time.

The minimum premiums for the insurance endorsement under the above limitations would be \$16.50 for bodily injuries and \$15.70 for property damage.

*H. Livingston*

November 6th, 1941.

Allen and Garcia Company  
McCormick Building  
332 South Michigan Avenue  
Chicago, Illinois

ATTENTION: Mr. L. vonPerbandt

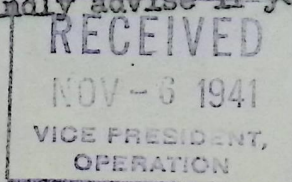
Gentlemen:

We are mailing you herewith print of Howe Scale Company Drawing No. 27595, pit-car scale to be dismantled, moved and installed in the new dump house, also print of our standard pit-car. We will appreciate your returning the print of the pit-car scale drawing after it has served your purpose.

In preparing contract covering the work, we have made one change in your proposal form which is included under the specifications in the contract. Referring to Page 8, Line 14, of your proposal, item of belt conveyor, namely 48" anti-friction carrier rolls, the item has been changed to read 36 - 48" anti-friction carrier rolls instead of 42, and inserted thereunder 6 - 48" anti-friction rubber disc covered carrier rolls. This, of course, is our understanding of the idlers to be installed at the loading point under the crusher.

It was necessary to make application to Washington for proper priority on all equipment covered by contract, the same coming under the classification of "Special Project or Extension." We hope to have the necessary papers in your hands within a few days.

Regarding Public Liability and Property Damage coverage as discussed with you at Chicago. This will be furnished free of charge under our blanket policy arrangement, the Zurich Company, through Emott and Chandler, Agents of Los Angeles, will contact you regarding amount of coverage, etc. We feel that the effective date of this coverage should start on or about March 1st, 1942, at the time of starting of foundation work and continue through to the completion of the job. Kindly advise if you do not agree with this plan.



Yours very truly,

THE UNION PACIFIC COAL COMPANY

By

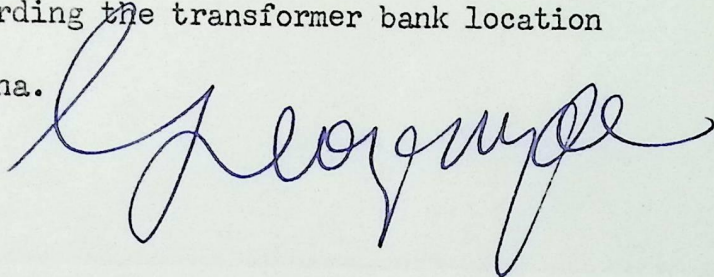
Chief Engineer.

CC - Mr. Eugene McAuliffe ✓  
Mr. George B. Pryde  
Mr. I. N. Bayless

Rock Springs - November 10, 1941

Mr. Eugene McAuliffe:

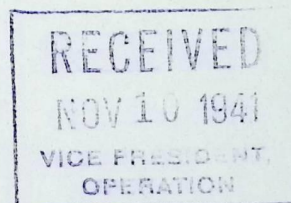
For your information and files, herewith copy of a letter written by Mr. Livingston to the Allen and Garcia Company, McCormick Building, Chicago, Illinois, regarding the transformer bank location and controls on the tipple at Hanna.

A handwritten signature in blue ink, appearing to read "Eugene McAuliffe", is written over the end of the typed paragraph.

Enc.

November 10, 1941.

Allen and Garcia Company  
McCormick Building  
Chicago, Illinois



ATTENTION: Mr. William Beach

SUBJECT: Allen and Garcia Job No. 1277, Hanna Coal Tipple  
Transformer Bank Location.

Gentlemen:

We are in receipt of your letter of date November 6, 1941, enclosing two prints of Drawing PD-3.

We have marked one print of PD-3 showing center line of the proposed transformer bank in yellow. On the basis of the 1000 amp load, we would require three 125 KVA 2300/220 volt, 2-bushing type transformers, same to be mounted on the concrete mat, all at the expense of The Union Pacific Coal Co. The 220-volt circuit will be carried underground in sheradized steel conduit to your distribution centers.

We do not agree that the tipple operator should control all units. Our plan of operation is that the control console, mounted in the operator's cab over the track-loading location, should control the belt conveyor, the magnetic pulley, and all other equipment in the tipple, including the box-car loader conveyor. The M. G. set for the magnetic pulley is to be interlocked with the belt conveyor drive so that operation of the belt conveyor is impossible unless the magnetic pulley is in operation.

The control station for the dump house should be located in close proximity to the rotary car dumper, this to include load-car feeder, empty car trip maker, reciprocating plate feeder and double roll crusher. The magnetic interlock should be furnished between the belt conveyor and crusher also between the crusher and reciprocating plate feeder controls.

We have in mind the thought and plan that the crusher must be in operation before starting the plate feeder, also that the belt conveyor be in operation before starting the crusher. In this way the tipple operator can control the operation of the dump station insofar as delivery of coal to the screens by stopping belt conveyor at any time he sees fit, the stopping of the belt conveyor automatically stopping the crusher and reciprocating plate feeder, which of course would stop coal dumping through the rotary car dumper.

Other than the above mentioned, we agree with your plan of installation.

Yours very truly,

THE UNION PACIFIC COAL COMPANY

By

A handwritten signature in dark ink, appearing to read "H. L. Livingston".

CC - Mr. George B. Pryde ✓  
Mr. I. N. Bayless

November 11, 1941

Allen & Garcia Company  
McCormick Building  
332 South Michigan Ave.  
Chicago, Illinois

Mr. G. B. Fryde  
Vice President, Operation  
The Union Pacific Coal Company  
Rock Springs, Wyoming

Gentlemen:

I am sending to each of you a copy of proposed contract covering construction of the Hanna No. 4-A Mine tipple. If same is satisfactory, I would appreciate execution of the copy by Allen & Garcia and return to me, leaving the amount of the insurance provided for in Section 22 blank, advising me however the amount that should be written into Subsections A and B, the Coal Company paying the premiums on this insurance.

I also wish that Mr. Fryde would check the contract for any necessary corrections, giving me his recommendations on the amount of insurance to be inserted in the contract. Allen and Garcia will understand that I am sending the split copies out in order to save time and no changes will be made in the contract without re-submission for their approval.

I would be glad if you would expedite this matter as much as possible.

Sincerely yours,

Original Signed  
EUGENE MCAULIFFE

Omaha - November 11, 1941.


Mr. Eugene McAuliffe:

Pursuant to request contained in your letter of November 10 I have prepared and attach the duplicate originals of proposed contract with Allen and Garcia Company, covering construction of coal tipple and dump house at "L" Plane #4 Mine, Hanna, Wyoming.

Your attention is called to the insurance provisions in Section 22 of the contract and the fact that the amount of coverage has been left blank. The figures should be inserted when the Contractor's requirements have been determined.

I also call your attention to the revision made in the language appearing under the caption "SUBSTITUTION OF MATERIAL", at the top of page 9 of the Specifications. The original language stated, among other things, "we to be allowed to furnish such substitutions, etc." To avoid the ambiguity introduced by the word "we" the paragraph has been rewritten as shown on the paster and elaborated somewhat to specify the definite procedure with regard to adjustment in contract price on account of such substitution.

John A. Bennewitz



Omaha - November 10, 1941.

Mr. J. A. Bennewitz:

Attention - Mr. E. J. Smiley

Referring to our recent conversation:

Herewith five copies of specifications and prints for preparation of contract between The Union Pacific Coal Company and Allen and Garcia Company, a Delaware corporation, covering construction of coal tipple at Hanna, Wyoming.

Your attention is called to paragraph one, page one, under heading "Drawings furnished by the Contractor and Company", which states that all original drawings and tracings are the property of The Union Pacific Coal Company and shall be delivered to us free of charge by the Allen and Garcia Company on completion of the job.

In preparing this agreement, you may wish to refer to previous contract C. D. No. 21161 with the Allen and Garcia Company, covering construction of tipple at Reliance, Wyoming, dated September 3, 1935.

Eugene McAuliffe

Rock Springs - November 6, 1941

Mr. H. A. Johnson:

I would suggest you transmit all this information to Mr. Smiley, so that the preparation of the contract may go forward.

n of the contract may go forward.

George

Rock Springs - November 6, 1941

Eugene McAuliffe:

I am attaching herewith letter from Mr. Livingston, together with five copies of specifications and five copies of drawing No. 2044.334, for transmittal to the Legal Department for preparation of contract with the Allen and Garcia Company, of Chicago, Illinois.

Please call the Legal Department's attention to Mr. Livingston's suggestion in the last paragraph of his letter regarding the drawings furnished by the Contractor and the Company.

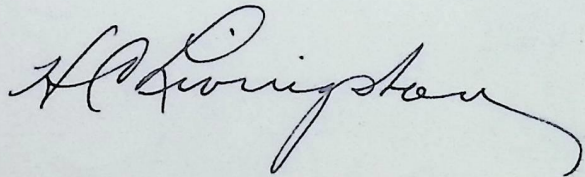
*George Muge*

Rock Springs - November 6th, 1941.

Mr. George B. Pryde:

We are handing you herewith for transmittal to the legal department the necessary information for inclusion in the contract covering the construction of the coal tipple at Hanna, Wyoming, by the Allen and Garcia Company of Chicago. The necessary information being five copies of specifications and five copies of the general layout drawing No. 2044.334.

We wish to call your attention to the clause written into the specifications on Page One thereof, under item "Drawings Furnished by the Contractor and Company," paragraph one, same covering our agreement with the Allen and Garcia Company as to the ownership of all original drawings covering the work, the clause stipulating that same are to be delivered to the Coal Company at the terminus of the job.

A handwritten signature in cursive script, appearing to read "H. Livingston", with a long, sweeping underline.

# WESTERN UNION.. (49)

1201

## SYMBOLS

DL=Day Letter

NT=Overnight Telegram

LC=Deferred Cable

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FIRST VICE-PRESIDENT

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CA514 17/15=MC CHICAGO ILL 31 246P

1941 OCT 31 PM 3 49

EUGENE MCAULIFFE PRES=

THE UNION PACIFIC COALCO 1416 DODGE ST OMAHA NEBR=

LEAVING CHICAGO SIX TWENTY-FIVE C&amp;NW TRAIN NUMBER ELEVEN

ARRIVING OMAHA SEVEN FIVE SATURDAY MORNING=

C H LIVINGSTON.



TELEGRAMS insure fresh deliveries

APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

Rock Springs - October 30, 1941

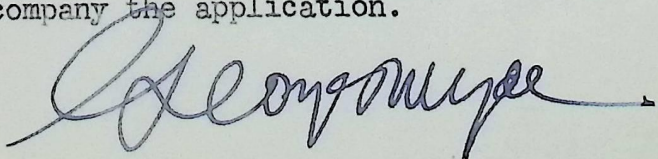
Mr. Eugene McAuliffe:

Referring to yours of October 28th, with tabulation of the bids:

I think you did a very good job, and I am glad to have it out of the way. I am sure the Allen & Garcia people will give us a good tippie. I am surprised at the McNally-Pittsburg and the Link-Belt people being so much higher than the Allen & Garcia, but the trend of prices is very visibly upward.

With regard to your wire M-58, received yesterday. I was in Hanna yesterday, and Mrs. Outsen gave Mr. Hunter a copy of your wire, he immediately getting in touch with Mr. Virgil L. Board, Director of Priorities for the Intermountain District, 520 U. S. National Bank Building, Denver, Colorado. Mr. Board advised Mr. Hunter it would be necessary for us to get a special priority for the construction of our tippie, and that the present priority we have is for maintenance and repairs only and would not be applicable to an addition to our plant. He has sent in today's mail full information with regard to the rating we should ask for. I am attaching herewith the application for a Project Rating, together with the information requested.

I am sending the questionnaire and other matters to you because it would seem to me that the Allen & Garcia people would have to fill in the project requirements, the list of the materials which will be used in the structure. Mr. Board stated very definitely that it will be necessary to get a separate priority rating for this project, and that all information requested must accompany the application.



October 30, 1941

Allen & Garcia Company  
McCormick Building  
332 South Michigan Avenue  
Chicago, Illinois

Gentlemen:

This letter will serve to confirm the award of the contract for the construction of our Hanna No. 4-A Mine tibble to your company, details of same arranged in my office in Omaha Tuesday, October 28, 1941, with Mr. L. von Perbandt and Mr. John A. Garcia, Jr. present, also General Manager I. N. Bayless and Chief Engineer H. C. Livingston, the tibble to be constructed for a firm price of \$214,000, including all material, labor, and freight on material, except the rotary dump, car hauls, etc. now in use at our No. 4 Mine.

Upon Mr. Livingston's return with detail memoranda of items that will go into the construction, either now or later, and 5 copies of general outline in blue print form, I will arrange preparation of a formal contract by our attorneys, submitting same to you for checking and execution. In the meantime, please proceed with the ordering of all necessary material, preparation of detail plans, etc.

Very sincerely yours,

cc: Mr. G. B. Pryde

Original Signed  
EUGENE McAULIFFE

353-12

Omaha - October 29, 1941

Mr. W. M. Jeffers:

After two days' conference with representatives of the McNally-Pittsburg Company, Link-Belt Company, and the Allen & Garcia Company, I yesterday afternoon awarded the contract for building the tibble for our Hanna No. 4-A Mine to Allen & Garcia at a flat price of \$214,000, this without any contingencies for changes in costs of material and labor. The next lowest bidder was the McNally-Pittsburg Company at \$242,592, Link-Belt Company bidding \$244,000.

Superintendent Wedge is laying the tracks on the Monolith grade, commencing Monday the 27th. I hope to clear that job up in a couple of weeks.

In the meantime, Maurice Haggerty of Rock Springs is going ahead with the work of driving the tunnel, the Allen & Garcia Company promising to start construction April 1, the tibble to be finished July 31. These, however, are tentative dates, based on ability to obtain material.

Original Signed  
EUGENE MCAULIFFE

Omaha - October 28, 1941.

Mr. G. B. Pryde;

Herewith list of bids of the three companies submitted on building the Hanna 4-A mine tibble. We insisted on each bidder assuming all responsibility for change in prices of equipment and labor, the job awarded to Allen & Garcia Company on firm bid of \$214,000, subject only to plus and minus for the foundation work, as per attached memo.

I wired you today to have Mr. Hunter send me full priority order for use of the A&G Company, who will make the purchases in their name for our account.

Mr. Livingston goes to Chicago tonight with the Allen & Garcia people to work out details, and will assist me in working out the contract later in the week, returning then to Rock Springs.

I think we got off remarkably well in the circumstances.

Original  
EUGENE MCAULIFF

TABULATION OF BIDS  
COAL TIPPLE - HANNA No. 4-A MINE  
Received Oct. 27-28, 1941, at Omaha, Nebraska

	<u>McNally-</u> <u>Pittsburg Co.</u>	<u>Link-</u> <u>Belt Co.</u>	<u>Allen &amp;</u> <u>Garcia</u>
(1) Firm bid, tipple complete in place with 48" belt con- veyor	\$242,592.00	\$244,000.00	\$214,000.00
(2) Plus or minus for:			
(a) Earth excava- tion, per C.Y.	1.00	1.10	0.85
(b) Earth backfill, per C.Y.	1.00	1.10	1.10
(c) Reinforced con- crete, per C.Y.	37.60	37.70	34.15
(d) Plain concrete, per C.Y.	-	28.60	-

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COAL TIPPLE - HANNA No. 4-A MINE  
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	<u>McNally-</u> <u>Pittsburg Co.</u>	<u>Link-</u> <u>Belt Co.</u>	<u>Allen &amp;</u> <u>Garcia</u>
(1) Firm bid, tipple complete in place with 48" belt conveyor	\$242,592.00	\$244,000.00	\$214,000.00
(2) Plus or minus for:			
(a) Earth excavation, per C.Y.	1.00	1.10	0.85
(b) Earth backfill, per C.Y.	1.00	1.10	1.10
(c) Reinforced concrete, per C.Y.	37.60	37.70	34.15
(d) Plain concrete, per C.Y.	-	28.60	-

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(1) Firm bid, tipple complete in place with 48" belt conveyor	\$242,592.00	\$ 244,000.00	\$214,000.00
(2) Plus or minus for:			
(a) Earth excavation per CY	1.00	1.10	0.85
(b) Earth backfill per CY	1.00	1.10	1.10
(c) Reinforced concrete, per CY	37.60	37.70	34.15
(d) Plain concrete per CY	-	28.60	-

Omaha, Oct. 28, 1941.

GBP - Rk Spgs

Contract awarded A&G lowest bidder, total price  
\$214,000.

GEGLUC GEFNIJ. Have Hunter prepare priority order covering  
complete job sending to me here. Livingston goes to Chicago  
tonight to complete details returning here later in week,  
thence to Rk Spgs. M-58

EMcA