

THE FAIRFIELD ENGINEERING COMPANY

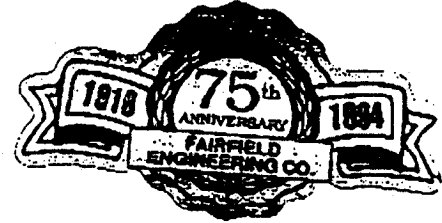
P.O. Box 526 • Marion, OH 43301-0526
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240 Boone Avenue
Marion, OH 43302

August 8, 1997

Mr. Jim Hamilton
Manager Coal Marketing - South
Norfolk Southern Corporation
Roanoke, VA 24042-0026

RE: Coal Stockpile - Reclaim System
TVA
Kingston Fossil Plant
Fairfield Inq. #10-7713



Dear Jim:

Attached is items listing and budget pricing for five (5) options for this project.

Drawings K-10-7713-1 through 5 show the various layouts. Drawings should arrive at your home on Saturday. They have been sent to Knoxville also.

I trust you will have a productive meeting with TVA. We can discuss Tuesday in Columbia.

I look forward to our visit.

Best regards,

Marv McFann

Marvin L. McFann
National Account Manager

MLM:jjd

cc: Mr. Joseph L. Frye, Jr. C.T.L.
Norfolk Southern Corporation
7208 Old Rutledge Pike
Knoxville, TN 37914-1820

cc: D. Hines
T. Boblenz
T. McGuire
S. Rea - Charlotte
FAX: (704)583-2900

Post-it® Fax Note	7671	Date	8/8/97	# of pages	9
To	Jim Hamilton	From	Marv McFann		
Co./Dept.	Norfolk	Co.	Fairfield Eng.		
Phone #		Phone #	(614)387-3327		
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Norfolk Southern Corp.

Fairfield Inq. #10-7713

August 8, 1997

**OPTION 1
ITEMS LIST****ITEM**

AA

AB

AC

AD

AE

AF

AG

AH

AI

AJ

AK

AL

AM

DESCRIPTION

Nine (9) Unload Hoppers with Grizzly

Nine (9) Manual Cut-Off Gates

Nine (9) Vibrating Feeders - 1100 TPH Each

Stairs and Hoist Beam

Feeder Access Platform

72" x 130'-0" Belt Conveyor - 3300 TPH

72" x 204'-0" Belt Conveyor - 3300 TPH

72" x 215'-0" Radial Stacker - 3300 TPH

Belt Scale

Electrical Devices

Electrical Controls

Dust Suppression

General Items

Norfolk Southern Corp.
Fairfield Inq. #10-7713
August 8, 1997

**BUDGET
PRICE SUMMARY
OPTION 1**

• Material and Equipment	\$2,350,000.00
• Erection	\$600,000.00
• Field Wiring	\$185,000.00
• Unload Pit and Tunnel.....	\$1,550,000.00
• Trackwork and Foundation for Radial Stacker.....	\$150,000.00
• Site/Civil Engineering Design	<u>\$160,000.00</u>
Total.....	\$4,955,000.00

Norfolk Southern Corp.
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**OPTION 1
ITEMS LIST**

<u>ITEM</u>	<u>DESCRIPTION</u>
AA	Nine (9) Unload Hoppers with Grizzly
AB	Nine (9) Manual Cut-Off Gates
AC	Nine (9) Vibrating Feeders - 1100 TPH Each
AD	Stairs and Hoist Beam
AE	Feeder Access Platform
AF	72" x 130'-0" Belt Conveyor - 3300 TPH
AG	72" x 300'-0" Belt Conveyor - 3300 TPH
AH	Belt Scale
AI	Transfer Tower
AJ	72" x 1815'-0" Tripper Feed Conveyor - 3300 TPH
AK	72" Double Wing Stacker
AL	Sixty-Four (64) Reclaim Hoppers
AM	Sixty-Four (64) Vibrating Feeders - 285 TPH Each
AN	Two (2) 42" x 1650'-0" Reclaim Belt Conveyors - 850 TPH Each
AO	Two (2) Transfer Towers
AP	Two (2) 42" x 285'-0" Conveyors to Crusher House - 850 TPH Each
AQ	Two (2) Magnetic Separators
AR	Surge Bin
AS	Two (2) Feeders
AT	Two (2) Crushers
AU	Chutework and Gates
AV	Crusher House
AW	42" x 400'-0" Conveyor to Existing Reclaim Hopper
AX	42" x 800'-0" Conveyor to Load Out Silo
AY	Two (2) Sampling Systems
AZ	Dust Suppression
BA	Dust Collection in Crusher House
BB	Electrical Devices
BC	Electrical Controls
BD	General Items

Norfolk Southern Corp.
Fairfield Inq. #10-7713
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**BUDGET
PRICE SUMMARY
OPTION 2**

• Material and Equipment	\$8,561,000.00
• Erection	\$2,300,000.00
• Field Wiring	\$700,000.00
• Unloading Pit and Tunnel	\$1,550,000.00
• Reclaim Tunnels Under Piles	\$2,100,000.00
• Trackwork for Stacker	\$287,500.00
• Conveyor System Foundation	175,000.00
• Site/Civil Engineering Design	\$316,250.00
• 70' Diameter x 200' High Rail Loadout Silo with Tracks (700')	<u>\$1,500,000.00</u>
Total	\$17,489,750.00

Norfolk Southern Corp.
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OPTION 3

Option 3 is the same as Option 2 except loadout silo is located on a different track location.

Pricing would be the same as Option 2.

Norfolk Southern Corp.
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**OPTION 4
ITEMS LIST**

<u>ITEM</u>	<u>DESCRIPTION</u>
AA	Nine (9) Unload Hoppers with Grizzly
AB	Nine (9) Manual Cut-Off Gates
AC	Nine (9) Vibrating Feeders - 1100 TPH Each
AD	Stairs and Hoist Beam
AE	Feeder Access Platform
AF	72" x 130'-0" Belt Conveyor - 3300 TPH
AG	72" x 1050'-0" Tripper Feed Conveyor - 3300 TPH
AH	Belt Scale
AI	72" Double Wing Stacker
AJ	Thirty-Two (32) Reclaim Hoppers
AK	Thirty-Two (32) Vibrating Feeders - 285 TPH Each
AL	Two (2) 42" x 900'-0" Reclaim Belt Conveyors - 850 TPH Each
AM	42" x 250'-0" Transfer Conveyor - 850 TPH
AN	Transfer Towers
AO	42" x 800'-0" Conveyor to Load Out Silo
AP	42" x 280'-0" Conveyor to Rail Dump Hopper
AQ	Telescopic Chute
AR	Two (2) Sampling Systems
AS	Dust Suppression
AT	Electrical Devices
AU	Electrical Controls
AV	General Items

Norfolk Southern Corp.
Fairfield Inq. #10-7713
August 8, 1997

**BUDGET
PRICE SUMMARY
OPTION A**

• Material and Equipment	\$5,562,000.00
• Erection	\$1,400,000.00
• Field Wiring	\$425,000.00
• Unloading Pit and Tunnel	\$1,550,000.00
• Reclaim Tunnels Under Piles	\$1,100,000.00
• Trackwork for Stacker	\$155,000.00
• Conveyor System Foundation.....	125,000.00
• Site/Civil Engineering Design	\$410,000.00
• 70' Diameter x 200' High Rail Loadout Silo	\$1,500,000.00
• Rail Trackwork (5200')	<u>\$600,000.00</u>
Total	\$12,827,000.00

Norfolk Southern Corp.
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OPTION 5

Option 5 is the same as Option 4 except loadout silo is located on a different track location.
Pricing would be the same as Option 4.

TRANSMIT REPORT

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FAIRFIELD ENGINEERING

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