

the Tonopah District, will continue to be milled, up to, but not to exceed 50% of the capacity of said Mill, at a rate not to exceed the rate being charged at time the Mill is required, plus any increased cost in materials, Labor, Taxes, etc., which thereafter may occur.

8. Lessee to be permitted to move, alter and rearrange, and use, any of the machinery, supplies, piping wiring, etc., in the present Mill, to be used in the construction of the remodeled Mill.

9. Lessee to be permitted to use any machinery or tools, at the disposal of the Lessor, that may aid in construction of the remodeled Plant.

10. At the expiration of the Lease, or in event of any default of terms of said Lease, the remodeled Plant is to revert to the Lessor.

In next to last paragraph of your letter, referring to granting of an Option: - If such Option is granted, it should state specifically, time for completion of the alterations on the remodeled Mill.

If the foregoing changes meet with your approval, the matter can be considered by the Board of Directors and Bondholders of Tonopah Extension Mines, Inc.

Appreciating your interest in this matter, I am

Very truly yours,


FRED L. COLE

To:

Mr. Horace A. Johnson, Superintendent,
Tonopah Mining Company,
Tonopah, Nevada.

FLC/H

Mr. Horace A. Johnson

Page 2

October 5th, 1939.

Tonopah Mining Company, for Unwatering the Mine to desired depth, - then a time-limit clause that would be mutually satisfactory, would be agreed upon, for the completion of that work; this merely to protect Tonopah Extension Mines, Inc.

If the above changes meet with your approval, I shall be glad to submit same to the Directors and Bondholders of Tonopah Extension Mines, Inc., for their consideration.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Fred L. Cole", with a long horizontal flourish extending to the right.

FRED L. COLE

To:

Mr. Horace A. Johnson, Superintendent,
Tonopah Mining Company,
Tonopah, Nevada.

FLC/H

#1230 South Oakland Avenue
Pasadena, California
October 5th, 1939.

LEASE

Tonopah Extension Mines, Inc.

My dear Mr. Johnson:

I have gone over with one of the Bondholders of Tonopah Extension Mines, Inc., your letter of October 3rd, 1939; and while we understand that the terms and conditions outlined in your letter are merely basic points upon which a Lease would be drawn, we desire to see these basic terms and conditions altered as follows, before presenting same to the Board of Directors and Bondholders, in general:

1. The Lease to be for a period of five (5) years, with the privilege of renewal, for a period of three (3) years, at the end of the five-year period. Notice of Intention to Renew, to be given six months in advance; and a sixty-day notice to be given of Intention of Abandonment of Lease.
2. Tonopah Mining Company, or its Assignee, proposes to rearrange, convert and build new where necessary, at their expense, the present Plant or Mill, into a 100-Ton per day Cyanide Plant, - suitable for reduction of the ores of the Tonopah District.
3. A flat rate of 20¢ per Ton on ore milled, - payments being made at the end of each month, by Tonopah Mining Company, or its Assignee.
4. Taxes to be paid by Lessee on entire Mill Plant leased.
5. Fire Insurance to be paid by Lessee on entire Mill Plant Leased.
6. Lease to be assignable at option of Lessee, subject to approval, however, of the Lessor.
7. Lessee agrees to enlarge Mill, if at any time sufficient tonnage is developed to warrant same. At any and all times, however, Tonopah Extension Mines, Inc. can have a call on 50% of the capacity of the Mill, for ores being taken out of its own Property. Should the Lessee find himself in position whereby he is unable to carry out provisions of this clause, and other parties should fulfill it by adding to or altering the 100-Ton Plant, the Lessee has realtered, - it is agreed by the Lessor, that ores from

8. (Cont.) any of the machinery , supplies, piping, wiring etc.in the present mill to be used in the construction of proposed mill.
9. Lessee to be permitted to use any machinery, tools, or material at disposal of lessor that may aid in construction of new plant.
10. At expiration of lease, or in event of any default of terms of said lease, the new plant is to revert to the Lessor.
11. Action of the Board of Directors of Tonopah Mines Extension Inc. to be approved and confirmed by the Bondholders of said company.

It is requested that an option for a lease along above lines, but subject to changes agreeable to both parties be given for a period of 60 days, in order that preparations for alterations, construction, and financing can be started at once.

In regard to delinquent taxes on the present mill, it is the intention of the Tonopah Mining Company to use every possible effort to have them cancelled or compromised at a very low figure.

Very truly yours,

Tonopah Mining Company of Nevada,

N. A. Johnson

Superintendent.

1230 South Oakland Avenue
Pasadena, California.

October 3, 1939.

Fred L. Cole, President,
Tonopah Extension Mines Inc.,
Tonopah, Nevada.

Dear Mr. Cole:-

Pursuant to our conversation yesterday, The Tonopah Mining Company of Nevada requests that your company grant a lease on its mill to them on the following terms and conditions. It is understood that both the granting and acceptance of such lease is tentative and subject to the action of the Board of Directors of both companies, and approval by the Bondholders of Tonopah Extension Mines Inc.

1. Lease to be for a period of five (5) years with the privilege of renewal for an additional period of three years at the end of the five year period.
2. In consideration, the Tonopah Mining Co. or its assignee proposes to rearrange and convert the present plant or mill into a 100 ton per day cyanide plant suitable for the reduction of ores of the Tonopah District.
3. A flat rate of fifteen cents per dry ton of ore milled to be paid to Tonopah Extension Mines Inc. by The Tonopah Mining Co. or its assignee.
4. Taxes to be paid by lessee on mill plant only to extent it is invested.
5. Fire insurance to be paid by lessee on mill plant only to extent it is invested.
6. Lease to be assignable at option of lessee subject to the approval, however, of the Lessor.
7. Lessee agrees to enlarge mill if at any time sufficient tonnage is developed by the lessor to warrant such a change from a financial standpoint. If sufficient developed tonnage cannot be agreed upon by the lessee and the lessor, then the decision of 3 competent disinterested engineers to be selected jointly by the lessee and the lessor shall govern.
Should the lessee find himself in position whereby he is unable to carry out the provisions of this clause, and other parties should fulfill it by adding to or altering the 100 ton plant lessee has constructed, it is agreed by the lessor that ores from the Tonopah District will continue to be milled ^{up to 100 tons per day} at a rate not to exceed the rate being charged at time enlargement of mill is required.
8. Lessee be permitted to move, alter, rearrange, and use

Los Angeles, California.
October 3, 1939.

Mr. W.L. Haehnlen, President,
The Tonopah Mining Company of Nevada,
570 Bullitt Building,
Philadelphia, Pa.

Dear Mr. Haehnlen:

I have spent yesterday and today conferring with Mr. Cole on the mill situation and the possible lease on portion of the mine. The various phases of the lease as discussed are included in a letter to Mr. Cole, a copy of which is enclosed. The various items are merely suggestions and are subject to discussion and change.

They are anxious to have the two leases run concurrently, even if the mine is to operated in the small way we suggest. It is possible that very substantial help can be obtained from a Mr. Warner, a friend of Mr. Cole. I am to see him tomorrow and hope that substantial financial help may be forthcoming for both leases.

The letters I have written now opens the way for discussion and I believe a favorable start towards the mill problem has been made. I will be glad to have your comments and suggestions.

I will be in Los Angeles Wednesday and possible Thursday.

Yours very truly,

Superintendent.

VERTEX MINING COMPANY

MINE:

GOOD CONDITION

2	3 ft. Mattresses	10.50
106 lb.	3/8 x 1 1/2 Track Bolts	10.07
50 lb.	3/8 x 1 x 1 1/2 Track Bolts	7.70
6	37 cu. ft. rocker dump cars, complete	900.00
1	Gong	8.00
18 pc.	3/4" Galvanized Pipe	
10 pc.	1" Black Iron Pipe	
1 pc.	2" Black Iron Pipe	
4 pc.	1/2" Black Iron Pipe	

FAIR CONDITION

1	3 ft. Mattress (soiled)	4.00
3	#4 style 1 Ore Buckets 850#	261.00
2	16 cu. ft. 18" Ga Std. Ore Cars	203.95
	1300 lbs. with 10" #2 wheels	
300 ft.	3/4" x 18 x 17" Iron Rotating Roebling	64.97
	Flow Steel Hoisting Rope	
45 pc.	1" hol. drill steel 2'6" (1-7/8" bit)	130.50
30 pc.	1" " " " 4'6" (1-3/4" bit)	117.00
30 pc.	1" " " " 6'4" (1-5/8" bit)	150.00
30 pc.	1" " " " 7'6" (1-1/2" bit)	169.50
		950.00
1	Motor, Compressor, etc.	984.01
1	Hoist	4.15
1	Cast Iron Pulley 5 x 12"	
550 ft.	7/8" x 6 x 19 Hercules red strand wire	207.94
	rope 703# (on Hoist)	
4 pr.	2 sets 8" car wheels with axles for 18	37.27
	G A truck suitable for bucket tracks	15.00
200 lb.	100 pr. 8# splice bars	4.50
2	8" car wheels	
1	Ingersoll Rand 15 x 8 x 10 XRB Air	2,704.92
	Compressor, motor driven	
1	short belt driven attachment, including	106.00
	belt 12" x 20'5"	110.00
1	A71 3 step regulator with piping	
3	GE Type H Transformers, 60 cyc. 100 KVA	2,094.34
3	Ct. #2516584 Pellett type lightning arresters	222.75
1	Stretcher (used)	

POOR CONDITION

	Drill Sharpener, drills and supplies	2,995.00
1	6 x 3 x 7 Cameron Vertical Plunger	390.97
	Prospectors Sinking Pump and parts	318.74
10,282 lb.	8# Tee Rail	34.32
272 lb.	Splices Fish Plates	143.20
1	3 x 3 Dimong Oil Rite Pump #7534 1/2	150.00
3	3 1/4" x 7' single screw column, with clamps	51.00
3	3 1/2" 50 Std. Column arms (E-1)	51.00
3	3 1/2" E-2-5 Column clamps	
2	#5 11 cu. ft. center swing bail	247.99
	ore buckets with band	

MINE:

POOR CONDITION

1	Cameron Sinking Pump #4459-c	
1	12' 3 #1 wire lined suction hose nipples att. 15" 2 $\frac{1}{2}$ 4 ply water hose	593.16
1	3" Std. Foot Valve	21.30
1	Grooved roller for cable	156.00
2	trucks complete with top plate & hinges	
1	1" 3355 bronze fitted 4 3/8" impeller Gould centrifugal pump, mounted	
1	47 HP 3450 RPM 440 Volt 60 Cycle 3 phase Westinghouse motor 365#	178.00
1	3 $\frac{1}{2}$ " x 4' SS column complete with winch	50.00
2	3 $\frac{1}{2}$ " x 6'6" DS columns, complete	100.00
3	3 $\frac{1}{2}$ " E-2 5 column clamps, complete	51.00
2	3 $\frac{1}{2}$ " E-1 column arms, complete	34.00
1	Second hand starting compensation, #476941, Type CR 561, form F-4, volts, prim - 440	85.00
1	Leyner Tank and connections	12.75
1	G.E. 100 HP, 440 volt, 3 phase, 60 cycle 900 RPM unity powerfactor belted synchronous motor, with exciter, etc.	1,192.82
3	EEE Disconnecting switches #30960	42.57
2	3HP General Electric Motors, 440 volts	
1	5HP General Electric Motor 440 volts	

NEW BUNKHOUSE & BOARDING HOUSE:

GOOD CONDITION

250 ft. 2" Galvanized Pipe
9 Single springs
2 Single cots
1 Screw Jack
3 Kegs of Nails

FAIR CONDITION

3 Linters Mattresses

POOR CONDITION

1 American Radiator Co. heating plant boiler
1 Range

74.00

SILVERTON HOUSE:

GOOD CONDITION

- 1 Map cabinet

FAIR CONDITION

- 1 Bookrack
- 4 Cabinets
- 1 Table
- 1 Gold balance

POOR CONDITION

- 1 Roll top desk

Superintendent's Residence

2,507.09

- 1 Blue print frame (glass broken)

SILVERTON GARAGE:

FAIR CONDITION

3	Drawing tables	
1	Drawing board	
2	Transit rods	1,854.48
1	Ainsworth Balance	200.00
1	Bucking Board	6.00
1	W-420 Goulds autowater outfit (motor missing)	99.00
1	Level Rod	15.00
1	Westinghouse Transform $\frac{1}{2}$ KW 400-100 V	
1	G. E. Motor 3 HP 440 volts	
1	Troemnus Scale	
1	box Tram pulleys and clamps	
3	used Drawing Boards (no trestles)	
1	Tool Chest	
2	Stadia Rods	
1	Surveyors flag pole	
2	Stadia Rods	
1	Carpenters level (used)	
1	Tool cupboard	
1	Surveyors Link Chain	

POOR CONDITION

400 pcs.	Asbestos sheets (siding) 16 x 50
1	3" Pipe Cutter

POWER COMPANY:

Good CONDITION

3 G.E. Type H Transformers
60 cycles, 75 KVA

1,834.46

MILLING PLANT:

<u>FAIR CONDITION</u>	<u>Salvage Value</u>
1 Simplex Model D Dorr Classifier, 4' wide by 18' 4", with steel tank & lifting device Texrope drive, 5 HP motor	1,000.00
1 No. 6 Wilfley Table with Liberty Bell wedge, Texrope drive, 1 $\frac{1}{2}$ HP motor	50.00
2 1" Wilfley Sand Pumps (centrifugal) directed to 3 HP motor	100.00
3 2" Wilfley Sand Pumps (centrifugal) directed to 5 HP motor	300.00
1 Boiler	150.00

CRUSHER HOUSE:

Poor

FAIR CONDITION

Salvage
Value

- 1 10" x 16" jaw crusher, (S.R.Blake)
with pulley drive and tentacular
belt, 15 HP motor

500.00

OWEN H. GRAY
CONSULTING ENGINEER
SALT LAKE CITY

Oct. 2, 1939

The Tonopah Mining Co. of Nevada
Tonopah, Nev.

Gentlemen:

In reply to your letter of September 25th by Mr.
Johnson:

The patent covering the sampling machines used by the
Utah Ore Sampling Co., at Murray is owned jointly by that com-
pany and ourselves.

Up to the present time we have never manufactured these
ore samplers for sale to others but have sold patent rights
together with drawings and necessary information for \$150.00
per unit. The buyers, including the American Smelting & Refining
Co., Columbia Steel Co., and others, have done their own manu-
facturing.

However, as there are several rather particular processes,
templates etc., required in making these machines properly, some
of which are difficult to show on the drawings, we think that
best results and minimum cost can be obtained by having the sam-
plers made by local machine shops and assembled under our personal
supervision. We have several other inquiries besides your own
and are making arrangements to quote definite prices for complete
machines ready for shipment.

The cost of these samplers will range from \$600 to \$800
each fob Salt Lake City in addition to the royalty fee of \$150.
We think delivery could be made in 60 to 90 days. Some of the
parts have to come from eastern factories.

Before we can quote you definite prices, we must know
which of our designs will meet your requirements.

If you are interested, please write us the maximum size
and maximum rate of feed in tons per hour which you expect to
put through each of these units which your letter designates as
8", 6" and 5" samplers. That designation alone is hardly
sufficient.

Yours truly,
Gray & Murdock
by *Owen H. Gray*
1424 Penrose Drive

cc to Utah Ore Sampling Co.

1230 South Oakland Ave.,
Pasadena, Calif.

Mr. Fred L. Cole, President,
Tonopah Extension Mines Inc.,
Tonopah, Nevada.

Dear Mr. Cole:

Supplementing my letter to you of even date
in regard to a lease on the Tonopah Extension mill:

The Tonopah Mining Company of Nevada also
requests that a lease be granted on ~~its~~ ^{your} mining property
on a portion of its ground adjacent and workable from
the McKane Shaft from the 1200 level to the surface, the
lateral limits to be described in detail later under the
following terms and conditions. These are to be subject
to the approval of the directors of both companies and
the confirmation and approval of the Bondholders of the
Tonopah Extension Mines, Inc.

1-The Tonopah Mining Company desires to prosecute work
on and or above the 1200 level to further prospect undeveloped
territory in the above section of the property. This also
to include from the 1200 level to the present water level.

2-It is agreed that all operating expenses
pertinent to the undertaking will be paid by the Tonopah
Mining Company.

3- It is agreed that overhead expenses be kept at
a minimum which during the prospecting stage should
require only a part time book-keeper. Should development
prove satisfactory and ore production require more extensive
supervision, overhead expenses will have to be increased
accordingly.

4- The Tonopah Extension agrees that if ore pro-
duction is made, The Tonopah Mining Company will be allowed
to deduct all money expended by them from mill returns
before making any payments to them. All returns over and
above expenses will then be divided equally between the
The Tonopah Extension Mines and the Tonopah Mining Company.

5- The lease is to be made assignable with the
approval of the Tonopah Extension Mines.

6- The Tonopah Mining Company will guarantee
the expenditure of not less than \$1500 per month barring
extraordinary circumstances.

7-The lease to be for a period of 5 years
with privilege of a 3 year extension.

8- Should development warrant and the Tonopah
Mining Company desire to lease at a greater depth, option
will be given by the Tonopah Extension under the terms
and conditions of the original lease to unwater the mine
to the desired depth either alone or as a participant and a
lease given on desired lower level with lateral limits
as in original lease.

Yours very truly,
H. A. Johnson
The Tonopah Mining Company of Nevada

#1230 South Oakland Avenue
Pasadena, California
October 5th, 1939.

LEASE

Tonopah Extension Mines, Inc.

My dear Mr. Johnson:

In a supplemental letter to your letter addressed to me on October 3rd, 1939, requesting Lease on a portion of the ground adjacent to and workable, from the McKane Shaft, - from the 1200 level to the surface, and on lateral boundaries to be described in detail later, - the following changes are suggested:

Paragraph Four:

Tonopah Extension Mines, Inc. will be paid 50% of the net profits on the mining operations conducted by Tonopah Mining Company; and that the cost of Mill^{ing} against the said net profits, will be at the prevailing rate being charged others in the District.

Paragraph Six

Tonopah Mining Company will guarantee the expenditure of not less than \$1500.00 per month, for the first six months, barring extraordinary circumstances beyond the Lessee's control.

At the end of the first six months, Tonopah Mining Company will guarantee to spend \$2000.00 per month for the next six months; \$2500.00 per month for the next six months; and \$3000.00 per month for the next six months, and increasing at the same rate until the end of the Lease.

Paragraph Seven

The Lease to be for a period of Five years, with privilege of a three-years extension, - but giving the Lessor six-months prior notice of Intention to Renew; and a sixty-day Notice of Abandonment of the Lease.

Paragraph Eight

The general thought here is, that if an Option is given

THE TONOPAH MINING COMPANY OF NEVADA

BULLITT BUILDING

PHILADELPHIA, PA.

November 22, 1937.

Mr. H. A. Johnson, Supt.,
The Tonopah Mining Co. of Nevada,
Tonopah, Nevada.

Dear Johnny:

I am in receipt of your letter of November 12th, in which you enclose a further preliminary cost estimate and quotations from Mine and Smelter Supply Company, and Allis Chalmers, etc. I have had all of this data copies, and am sending same to Bill Hubler. In the meantime, you will have received my letter in regard to procedure, and presume that you will send a copy of all such data to Mr. Hubler, in the future.

Very truly yours,

THE TONOPAH MINING COMPANY OF NEVADA

M. B.
Vice-President.

MBH-h.
Encl.

CC-Mr. Lindsley
Mr. Munroe
Mr. Tower
Mr. Hubler

OLD DEERFIELD BOND

REGISTERED

November 12, 1937.

Mr. William G. Hubler,
c/o Beattie Gold Mines Ltd.,
Duparquet, Canada.

Dear Bill:

Some few days ago I wrote you a letter suggesting a combination of effort on the part of yourself and Horace Johnson to get us out some Mill plans at the La Luz. I sent a copy of my letter to you to Horace Johnson and he has replied that he approves of the idea.

I have not yet heard from you in regard to the matter and presume this is because you have been extremely busy with the new Roasting Plant. When convenient I would like to have your opinion of this method of procedure and guarantee that Mr. Johnson will not bother you with too much detail. As previously indicated to you, this method of procedure has Mr. Lindsley's approval.

Sincerely yours,

MBH:MDH

Copy to:- Mr. Horace Johnson

M.B.

Estimate 500 Ton Cyanide Plant.

Item	Weight	Cost	Erection Cost.
Blake Jaw Crusher 24x36	100000#	\$8300	\$1000
2-3x6 Impact Screens	3000	950	200
Symons Cone Crusher 4'	20000	6000	1000
36x16 Rolls	30000	4000	500
18"-30' Conveyor	22500	500	200
18"-150' "	5000	1500	500
2-Feeders	3000	1500	500
2-8'x72" Hardinge Ball Mills	120000	20000	3000
Balls Initial Load	60000	2400	
12' Dorr Duplex Classifier	20000	5000	1000
14' Dorr Bowl "	20000	4000	1000
2-4" Slime pumps	4000	1200	500
2-4" Sol. "	3000	1000	500
2-80x10 Dorr Thickeners	350000	20000	5000
Tanks and Mechanism		12000	
8-11.5x16 Oliver Filters	880000	56000	8000
5-36x20 -3" Stave Tanks	155000	10000	2500
5- Agitator Mechanisms	550000	55000	2500
2-Vacuum Pumps	380000	5000	1000
1-Compressor	10000	2500	500
Machine Equipment	50000	15000	3000
1-20x30 Tank	24000	22000	500
2-40x20 Tanks	72000	75000	1000
2-Banks Diaphragm Pumps	10600	21500	1000
Pipe, Fittings, Valves etc.	40000	10000	5000
Wiring	6000	5000	5000
Motors 1080 H.P.	60000	12000	5000
Corrugated Iron	100000	6000	3000
Crow Merrill Precipitation			
Complete	60000	10000	5000
Nails	40000	2000	
Bolts, Washers	40000	22400	
Steel Iron	40000	20000	
1200 Yds Concrete		24000	
Cement	600000		
Excavation 6000 Yds		9000	
Lumber 372000 B.M		18600	
Cost Framing and erection			
1 1/2 Cost Lumber		27900	
	2427500	\$317250	\$57900

Total Cost \$375150
 Plus 10% \$402665
 Airplane Freight @3¢/lb 72825
 Total 477490
 Airplane Freight @1 1/2¢/lb \$441065

add \$100000 handling exp
 5000 Eng

3550
 1750

Gentlemen, -

We wish at this time to dispose of the mill building at Millers, Nevada, together with machinery remaining and invite your bid on same as is, when is.

Building is frame, covered with 22 gauge galvanized iron. Timber in general 8x8 oregon pine, trusses laminated 2x12 Q.P. approximate amount of sheet iron 3500 to 4000 squares. Machinery remaining consists of

- 1 - 7" K Gates Rotary Crusher
- 1 - 4 D " "
- 15 - Electric Motors - 10-20-50 H.P
- 20 - Stump Pullers 5 Stumps each etc.
- 15 - Ore Feeders - Pulleys, Drive shafting etc.
- 3 - 36" Drains by 20 ft deep 3" Redwood tanks
- 1 - Large Drill Press.
- 1 - 8x12" Triple Pump
- 1 - 4x6 " "

Yours very truly

ESTIMATED SALVAGE VALUE OF THE T.&G. RR. PROPERTY

(Provided conditions in Western Territory are normal)

Submitted by R. S. TITLOW, April 14, 1932

10,278.123 gross tons 65 pound rail	@ \$20.00	\$205,562.46
909,362 " " 50 " "	@ 10.00	9,093.62
Frogs, switches & etc. 30% of value		5,288.70
Water station pumps and engines 30% of value		1,045.80
Roadway motor and push cars 25% of value		840.00
Shop machinery, Reproduction cost \$53,587.00		16,240.00
3 - 50KW transformers, 1- 10KW, 1 switchboard		1,000.00
6 - 50 class locomotives		24,000.00
3 - 10 class locomotives 435 tons @ \$2.00 ton scrap		870.00
1 - No. 2 switch " 77 " @ 2.00 " "		154.00
50 steel hopper gondola cars, cost \$1225.00 each @ \$300.00		15,000.00
45 wood gondola cars	@ 25.00	1,125.00
1 steel flat car, capacity 100,000 pounds		250.00
1 Locomotive crane, cost \$7226.00		3,000.00
1 100 ton wrecking crane, cost \$16,225.00		7,000.00
Material and supplies in stock 25% value		5,364.00
Barlow facilities		1,200.00
Steamshovel		500.00
Misc. stock of tools, ties, timber and other material		2,500.00
Total - - - - -	\$	300,033.58

Above does not include any buildings or other structures or furniture and fixtures. Some value would be attached to such items, depending upon conditions under which valued.

SAN FRANCISCO OFFICE
1162 BRYANT STREET
Telephone UNDERHILL 2977

LOS ANGELES OFFICE
707 E. 61ST STREET
Telephone ADAMS 11787

U. S. MACHINERY COMPANY

FORMERLY U. S. MACHINERY AND STEEL CO., 750 FOLSOM ST., SAN FRANCISCO

MINING MACHINERY

CONTRACTOR'S EQUIPMENT

1800 TWENTIETH STREET

INDUSTRIAL EQUIPMENT

Telephone: MAIN 1015

SACRAMENTO

CALIFORNIA

Sacramento, October 18, 1939

The Tonopah Mining Company of Nevada
Mr. H. A. Johnson, Supt.,
Tonopah, Nevada

Dear Sir:

In reply to your letter of the 13th, while the equipment at Millers could hardly be classified as fast moving merchandise, yet, the first time we are in Tonopah, we shall be glad to look over the equipment and buildings, and to make you the best price possible. We have some crushers of the same size, at the Belmont Mill, and we have found them rather hard to move; and also, we doubt very much if a ready buyer could be found for the stamp mills.

It occurs to us that possibly your company might be in the market, for equipment for use on some of your out-lying properties, such as portable compressors, hoist, etc., and if so, and some trade could be developed, we are sure that a much more satisfactory price could be given you.

It may be two or three weeks before the writer is in Tonopah; and in the meantime, if any trade would be considered, we would be pleased to have you to advise us.

Yours very truly,

U. S. MACHINERY COMPANY

O. F. Smith

THE MINE AND SMELTER SUPPLY COMPANY

BRANCHES
SALT LAKE CITY, UTAH
EL PASO, TEXAS
NEW YORK, CITY

CABLE ADDRESS "MINTERPLY"
CODES USED WESTERN UNION
BENTLEYS, BEDFORD, McNEILL

MARCY MILL DIVISION

DENVER, COLORADO, U. S. A.

MARCY BALL MILLS
WILFLEY TABLES
MARCY ROD MILLS
WILFLEY SAND PUMPS
ORE MILLING EQUIPMENT
ROD MILL PULP BEATERS

October 18, 1939

O. H. JOHNSON, MANAGER

The Tonopah Mining Company of Nevada
Tonopah, Nevada

Attention: Mr. H. A. Johnson, Superintendent

Gentlemen:

We appreciate your letter of October 13 advising that you wish to dispose of the building, together with any machinery remaining at Millers, Nevada.

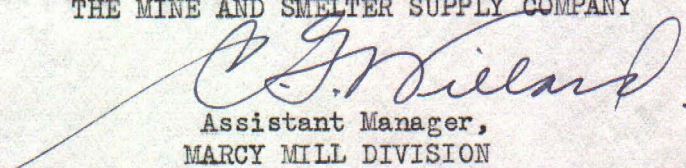
We do not deal in used equipment but we very often have calls for machinery such as you list, in good operating conditions, and you may be sure that we shall be glad to refer to you any prospects whom we might run into, who might be looking for this type of equipment.

The Raskob Mining Interests, Inc., of Albuquerque, New Mexico, are moving a plant over from Goodsprings, Nevada, and will need building material. Whether or not they would be interested in the building you have, I do not know, but you might be able to find a possible sale for some of this lumber and milling material through them if you care to get in touch with them. I think this same company has an office at Reno. However, the plant they're putting up will probably be only about a 100-ton plant but they might be interested in the galvanized iron or the timber in the mill building.

If we can run into any prospects for such equipment as you list, please be assured that we'll be glad to put the interested parties in touch with you.

Very truly yours,

THE MINE AND SMELTER SUPPLY COMPANY


Assistant Manager,
MARCY MILL DIVISION

CGW:RS

THE DORR COMPANY, INC.

to Tonopah Mining Company
Tonopah, Nevada

PAGE 2
DATE October 9, 1939

We will be pleased to hear further from you regarding the proposed project and have a discussion with you at your convenience.

Yours very truly,

THE DORR COMPANY, INC.

By

A. M. Kivari
A. M. Kivari.

AMK:VP

THE DORR COMPANY, INC.

ENGINEERS



THE HAGUE
DORR-OLIVER N.V.
LONDON
DORR-OLIVER COMPANY, LTD.
PARIS
SOCIETE DORR-OLIVER et CIE.
BERLIN
DORR GESELLSCHAFT m.b.H.
MILAN
S.A.I. DORR-OLIVER

NEW YORK CHICAGO DENVER LOS ANGELES ATLANTA TORONTO

CABLE ADDRESS NEW YORK
"DORRCLASS"

JOHANNESBURG
EDWARD L. BATEMAN PTY., LTD.
MELBOURNE
CROSSLE & DUFF PTY., LTD.
TOKYO
SANKI KOGYO KABUSHIKI KAISHA
BUENOS AIRES
FIORE-COMPANY
RIO DE JANEIRO
OSCAR TAVES & COMPANY

811 WEST SEVENTH STREET
LOS ANGELES, CALIFORNIA

October 9, 1939

Tonopah Mining Company
Tonopah
Nevada

Attention: Mr. Horace Johnson

Gentlemen:

In accordance with our recent telephone conversation, we are pleased to submit the following tentative prices. We cannot get any definite quotations from the steel companies except for immediate acceptance. Therefore, when you are ready to proceed with the proposed plant, please let us know and we will submit final quotations.

- Three (3) - 24' diameter by 20' deep type A Dorr Agitators, each including support beams, 3 HP drive unit and starting switch. \$7,755.00
- One (1) - No. 3 type SSM Dorrco Pump, including 2 HP drive unit \$ 591.00
- One (1) - 35' x 32' type A3TWC Dorr Combination Washing Thickener, including trays and steel tank, knocked down for field welding but not including welding rod; wash solution piping, lifting device, discharge cone, support beams, overload alarm \$15,530.00
- One (1) - 35' diameter by 39' deep type A4TWC 5-compartment Combination Washing Thickener, as above, with steel tank and trays knocked down for field welding \$19,182.00

All of the above tentative prices are f.o.b. Tonopah, Nevada.

ESTABLISHED 1898

MORSE BROS. MACHINERY COMPANY

MINING AND MILLING MACHINERY
CONSTRUCTION, INDUSTRIAL
AND ELECTRICAL EQUIPMENT

DENVER, COLORADO

October 21, 1939

OFFICE AND WAREHOUSE
2900 BROADWAY

CABLE ADDRESS
"MORSE"

PHONE KEYSTONE 5261
P.O. BOX 1708

The Tonopah Mining Company of Nevada
Tonopah, Nevada

Attention: Mr. H. A. Johnson, Supt.

Gentlemen:

Answering your letter of the 13th with reference to equipment
you have at Millers, Nevada.

We would be interested in purchasing the entire lot of equip-
ment, as is, now located, and will thank you to give us complete
specifications on the individual items and more particularly on
the 15 electric motors.

Also, please advise what you have in mind as regards the price,
as is, now located, for the entire lot of equipment.

Thanking you, we are

Very truly yours,

Mat Drimer

MORSE BROS. MACHINERY COMPANY

MG:CC

C O P Y

THE MINE AND SMELTER SUPPLY COMPANY

Page No. 4 To The Tonopah Mining Co. of Nevada November 1, 1937.

- 1 - Figure #3620 Goulds Type 4KCZ-2-20,
Close-coupled, all iron pump to handle
cyanide solution at the rate of 500
gallons per minute equivalent to 3000
tons per 24 hours against a 100' total
head, pump to have 6" suction, 4" dis-
charge opening - close coupled to one
20 HP, 3 phase, 60 cycle, 440 volt,
1750 R.P.M. standard open type motor
including starting switch.

Weight - - - - - 750#
PRICE, f.o.b. Tonopah, Nev. - - \$ 432.00

The prices which we have given are effective at this date
and will undoubtedly hold for sixty days.

For domestic shipment, and if it is necessary to box the
equipment for ocean transportation, there will be an added charge to
cover this extra cost.

For estimating purposes, if it is necessary to box for
ocean transportation, we suggest that you add 3% to the figures as
given.

We are sending you, under separate cover, literature des-
cribing the Robbins Conveying equipment, the Birdsboro Crusher, Tel-
smith Gyrasphere Crusher, Tel-smith Pulsator Screen, Wilfley Sand Pump
and the Goulds Solution Pump.

We have placed in our Engineering Department your request
for prices on ball mills to meet your requirements of 500 tons daily
ground to 200 mesh. This problem will require rather large mills and
the job of sectionalizing to come within your weight and dimension
limits will require some time in order to make definite accurate recom-
mendations.

This information will be forwarded to you just as soon as
possible.

Yours very truly,

THE MINE AND SMELTER SUPPLY COMPANY

(Signed) Allan C. Craig
MARCY MILL DIVISION

THE MINE & SMELTER SUPPLY COMPANY

Page #3

To The Tonopah Mining Co. of Nevada

November 1, 1937.

- 1 - 150 HP, 3 phase, 60 cycle, 440 volt, 870
R.P.M., Type CS motor with slide rails
and Class 10-700 auto transformer starter.

Weight - - - - - 3600#
PRICE, f.o.b. your nearest railroad
domestic point - - - - - \$2010.00

In your last letter you have asked us to quote on 36" Gyra-
spheres which we do as follows:

- 2 - #36 Gyrasphere Crushers, as described
above, with special concaves, nominal
capacity 25 to 30 tons per hour when
set to 1/4" discharge.

Weight - - - - - 44,000#
PRICE, f.o.b. Milwaukee - - - - - \$12,490.00 (for 2)

- 2 - 60 HP, 3 phase, 60 cycle, 440 volt,
1160 R.P.M., Type CS general pur-
pose motors with slide rails and
Class 10-700 oil transformer start-
ers.

Weight - - - - - 4000#
PRICE, f.o.b. your nearest railroad
domestic point - - - - - \$1482.00 (for two)

For your pumping problems we recommend the following:

- 1 - 8" Wilfley Centrifugal Sand Pump
with cast semi-steel frame, hard
iron wearing parts, alloy steel
shaft mounted on ball bearings
carried in a dust-proof housing
suitable for handling 2000 tons of
slimes at 33-1/3% solids against
2 30' lift, complete with 40 HP,
690 R.P.M. motor and push button
starter.

Weight - - - - - 6850#
PRICE, f.o.b. Tonopah - - - - - \$2076.00

THE MINE AND SMELTER SUPPLY COMPANY

Page No. 2

To- The Tonopah Mining Company of Nevada

Nov.1,1937.

- 1 - 18" x 30' Conveyor Belt with 20"x20" head pulley, 16" x 20" tail pulley including bearings, take-ups, Robbins Style #553 troughing idlers and Robbins #550 return idlers with 18", 4 ply, 28 oz. Master conveyor belt - rubber covered - and 3 HP Falk motoreducer and flexible coupling.

Weight - - - - - 1800#
 PRICE, f.o.b. factory with freight
 allowed to Tonopah - - - - - \$639.50

- 1 - 18" x 200' Belt Conveyor with 20" x 20" head pulley, 16" x 20" tail pulley including bearings, take-ups, Robbins Style #553 troughing idlers and Robbins Style #550 return idlers with 18" 4-ply, 32 oz. Master conveyor belt - rubber covered - including 10 HP Falk Motoreducer and flexible coupling.

Weight - - - - - 7000#
 PRICE, f.o.b. factory with freight
 allowed to Tonopah - - - - - \$1975.65

- 2 - 5' x 10' TelSmith Pulsating Screens with structural steel frame, detachable vibrating unit, 10 HP motor and V-belt drive including slide rails and push button starter.

Weight - - - - - 10,400#
 PRICE, f.o.b. Milwaukee - - - - - \$3184.00 (for two)

- 1 - #48 TelSmith Gyrasphere Secondary Crusher with cast steel frame, cut tooth steel transmission gears, improved lubricating system, manganese steel head and concaves of special design for fine crushing, nominally rated at 65 to 85 tons per hour when set to 1/2" discharge opening, complete with V-belt drive.

Weight - - - - - 37,000#
 PRICE, f.o.b. Milwaukee - - - - - \$9370.00

The carload freight rate on this equipment from Milwaukee to Tonopah, Nev., is \$2.02.

C O P Y

THE MINE & SMELTER SUPPLY COMPANY

Denver, Colo., November 1, 1937.

The Tonopah Mining Company of Nevada
Tonopah, Nevada.

Subject: Our E-1038

Gentlemen:

Attention: Mr. H. A. Johnson, Supt.

This will acknowledge your letter of Oct. 26th, and we wish to express our regret for the delay in giving you the information which you have requested in this letter and in yours of September 18. This delay, as explained previously to you, has been necessary on account of the extra engineering involved in sectionalizing the heavy machinery to come within the limits of weight and dimension which you have given us.

For the crushing plant, based on your requirements of 80 tons per hour reduced to $2\frac{1}{2}$ " maximum size, we recommend the Birdsboro Buchanan Crusher described in the bulletin which we are sending you and shown in general arrangement drawing #17133, copy of which is enclosed.

We quote on this crusher as follows:

- 1 - 24" x 36" Birdsboro Buchanan Jaw Crusher with steel frame, water-cooled bearings, manganese steel wearing plates with V-belt drive, all sectionalized so that the largest piece will not exceed 5000#, nor be greater than $3\frac{1}{2}$ ' x $4\frac{1}{2}$ ' x 10' dimension.

Shipping Weight - - - - - 67,000#
PRICE, f.o.b. Birdsboro - - - - - \$11,650.00

The freight rate on this crusher to Tonopah is given us at \$2.59 per 100#.

- 1 - 75 HP, 3 phase, 60 cycle, 440 volt, 1160 R.P.M., Type CS Westinghouse general purpose motor with slide rails and Class 10-700 auto transformer.

Shipping Weight - - - - - 2,000#
PRICE, f.o.b. your nearest domestic
railway point - - - - - \$ 840.00

C O P Y

ALLIS-CHALMERS MANUFACTURING COMPANY

AIR MAIL

Milwaukee, Wis., November 2, 1937.

Mr. H. A. Johnson, Superintendent,
Tonopah Mining Co. of Nevada,
Tonopah, Nevada.

Dear Sir:

We wish to thank you for your inquiry of October 29th.

Unfortunately, none of our standard crushers with the receiving opening and capacity indicated can be sectionalized down to 5000#.

We have supplied welded steel sectionalized crushers for aeroplane transportation, but unfortunately the largest size is 24 x 10, and it would require two of these units to give the desired capacity.

Yours truly,

ALLIS CHALMERS MFG. CO.

By (Signed) W. L. Maxson,

SALES ENGINEER
MINING MACHINERY DIV.

WLM:LL

cc reg. mail



YORK, PENNA.

NEW YORK CITY, 122 EAST FORTY-SECOND STREET
SAN FRANCISCO, 235 MONTGOMERY STREET
CHICAGO, 205 WEST WACKER DRIVE
LONDON, 11 SOUTHAMPTON ROW

PLEASE ADDRESS REPLY TO
OUR SAN FRANCISCO OFFICE
NOW LOCATED AT
501 HOWARD STREET
TELEPHONE SUTTER 3980

PLEASE ADDRESS REPLY TO
235 MONTGOMERY STREET
SAN FRANCISCO, CALIFORNIA

Tonopah Mining Company
Tonopah
Nevada

September 28, 1937

Attention: Mr. H. A. Johnson, Superintendent

Gentlemen:

QUOTATIONS SUBJECT TO CHANGE WITHOUT NOTICE AND NOT BINDING UNTIL ACCEPTED BY US. ALL AGREEMENTS ARE CONTINGENT UPON STRIKES, ACCIDENTS AND OTHER DELAYS UNAVOIDABLE OR BEYOND OUR CONTROL.

In reply to your letter of September 18th, I wish to say that I will be in Tonopah the latter part of this week and will be glad to go over your estimate for the cyanide plant in detail at that time. I could furnish you with the information you asked for but believe it will be more satisfactory to check it over with you personally, at that time.

If you are not going to be in Tonopah Thursday or Friday, I will appreciate it if you will write me in care of the Golden Hotel at Reno and let me know at what time you will be in Tonopah.

Thanking you for your inquiry, I am

Yours very truly

HARDINGE COMPANY, INCORPORATED

G. A. Wallerstedt, Division Manager

GAW:D

THE MINE AND SMELTER SUPPLY CO.

Page No. #2

To The Tonopah Mining Co. of Nevada

Date Sept. 24, 1937

Again thanking you for this opportunity of working with
you, we are

Yours very truly,
THE MINE AND SMELTER SUPPLY COMPANY

Allan J. Craig
Metallurgical Engineer
MARCY MILL DIVISION

AEC:MMS

THE MINE AND SMELTER SUPPLY COMPANY

BRANCHES
SALT LAKE CITY, UTAH
EL PASO, TEXAS
NEW YORK, CITY

CABLE ADDRESS "MINTERPLY"
CODES USED WESTERN UNION
BENTLEY'S, BEDFORD, McNEILL

MARCY MILL DIVISION

DENVER, COLORADO, U.S.A.

MARCY BALL MILLS
WILFLEY TABLES
MARCY ROD MILLS
WILFLEY SAND PUMPS
ORE MILLING EQUIPMENT
ROD MILL PULP BEATERS

September 24, 1937

O. H. JOHNSON, MANAGER

The Tonopah Mining Company of Nevada,
Tonopah, Nevada

Gentlemen:

Attention: Mr. H. A. Johnson, Supt.

We are very glad to have your letter of September 18, outlining your plans for the installation of equipment to treat ore at the rate of 500 tons daily using cyanide solution for the recovery of the gold values.

The fact that this equipment must be sectionalized suitable for airplane transportation means that we will be required to take up some of the questions with the factories and to get their recommendations as to the proper manner in which machinery can be handled. This will take some little time, but we wish you to know that we are working on your proposal and will submit the information just as soon as possible.

In the meantime we are sending you, under separate cover, bulletins describing the Tel Smith-Wheeling Jaw Crusher, Tel Smith Pulsator Screen and the Tel Smith Gyrasphere Secondary Crusher which we believe will be well suited for your crushing problems. The weight of the Tel Smith Crushers is favorable, but the capacity is somewhat limited for your requirements. We are as an alternative sending a bulletin describing the Birdsboro Crushers which are of heavier construction designed for greater tonnages.

We are sending also a copy of our bulletin describing the Wilfley Centrifugal Sand Pump suitable for handling your wet pulp.

We assume in this connection that you will require fine grinding apparatus, and call your attention to the Marcy Ball Mills manufactured by our company and described on Page 9 of our General Ore Milling Bulletin #82, copy of which we are also sending you.

We would like very much to have you give us specifications regarding fineness of grind and character of ore so that in turn we may be in a position to make recommendations and quote prices covering our Marcy Ball Mills for this duty.

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1201

SYMBOLS

DL = Day Letter

NL = Night Letter

LC = Deferred Cable

NLT = Cable Night Letter

Ship Radiogram

R. B. WHITE
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

PA60 45 SER=PHILADELPHIA PENN 5 130P

H A JOHNSON=

1939 OCT 5 AM 10 45

CARE ALEXANDIA HOTEL LOSA=

YOUR LETTER THIRD. APPROVE IN GENERAL EXCEPT GUARANTEE OF FIFTEEN HUNDRED MONTHLY FOR MINE WORK AND SUGGESTION THAT TWO LEASES RUN CONCURRENTLY. THIS WOULD BE UNACCEPTABLE AS THEY ARE DISTINCT AND SEPARATE AND NECESSARILY THE MINE LEASE MUST BE SUBJECT TO DISCONTINUANCE AT ANY TIME=

W L HAEHNLEN.

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

986

WESTERN UNION

(34)

1201

SYMBOLS

DL = Day Letter

NL = Night Letter

LC = Deferred Cable

NLT = Cable Night Letter

Ship Radiogram

R. B. WHITE
PRESIDENTNEWCOMB CARLTON
CHAIRMAN OF THE BOARDJ. C. WILLEVER
FIRST VICE-PRESIDENT

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

Received at **TONOPAH, NEV.**

VZB52 15 SER=PHILADELPHIA PENN 9 314P

1939 OCT 9 PM 1 37

H A JOHNSON SUPT=

THE TONOPAH MINING CO OF NEVADA

YOUR LETTER SEVENTH. PROPOSITIONS SUBMITTED INACCEPTABLE.
HAVE DECIDED TO DROP MATTER AND AWAIT FURTHER DEVELOPMENTS

UNSIGNED.

W & Hackner

Telephoned to

Helf

By

Time

150

Disposition

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

F. O. B. Los Angeles

	24	Spungs.		46.80
	16	Spung. Bolts.		28.80
⊗	1	Socket Liner	2-149.	83.90
⊗	1	Inner Eccentric Bushing.		103.15
⊗	2.	Countershaft Box Bushings.		56.00
	1	Glywheel. Pulley.		74.95
	1	Viking Pump. Comp.		71.20
⊗	1	Outer Eccentric Bushing.		74.90
	1	Counter Shaft.		37.10
				<hr/> 576.80

Crusher	- 17720 B.F.
Conveyer	- 18770 B.F.
Crusher	7000 B.F.
Conveyer	18400 B.F.
Fine Ore Bin	30000 B.F.
Ball mill Floor	25000
Filter Floor	32000

148890

145000

Tanks
Tank Concrete

50000

343890

80000

423890

2570

WESTERN-KNAPP ENGINEERING CO.

OTHER OFFICES

LOS ANGELES, CALIFORNIA
SACRAMENTO, CALIFORNIA
SALT LAKE CITY, UTAH
SPOKANE, WASHINGTON
DENVER, COLORADO
PHOENIX, ARIZONA
EL PASO, TEXAS

CONSTRUCTION ENGINEERS

COMPLETE MINE AND MILL INSTALLATION

760-762 FOLSOM STREET

SAN FRANCISCO, CALIF.

October 27, 1939

TELEPHONE EXBROOK 4167

Mr. H. A. Johnson
Tonopah Mining Company
Tonopah, Nevada

Dear Mr. Johnson:

During the early part of July of this year, we wrote to Mr. Haehnlen, in Philadelphia, in reference to the interest of your company in making an advance toward the construction of a hundred ton cyanide plant to treat ore from the various mines on a custom basis.

We sent you a copy of the letter at that time, also enclosing a booklet (flow sheet) describing various cyanide plants built by our company in recent years. We have heard nothing further regarding this proposed plant, although we have discussed this with Mr. Steen of the Tonopah Mine Operators Association, and we are wondering if there is any plan under consideration at this time.

We would be interested in helping develop and construct a custom plant, and trust that we may hear from you regarding same.

Very truly yours,

WESTERN-KNAPP ENGINEERING CO.,



By - Irvin S. Thyle.

IST:c

Sterno Rogers (Harvey Matthews) Denver, Col
Denver Mmc & Smelter Supply Co 1422-17th " "
Morse Bros Machinery Co 2900 Broadway " "
Equipment Headquarters Dorsey Bldg. Salt Lake City
Mmc & Smelter Supply Co 121 N 2d St " "
Sterner Equipment Co East 4th St Reno, Nev.
Allied " " 545 E " " " "
U.S. Machinery Co. Sacramento, Calif.

100/
13/39

Insurance amount now carried?

Taxes Present, possible?

Alternation to En mill? Belmont site?

Who would make lease and with what responsibility?

Est cost of milling + overhead?

Present costs to lessees

Price of Gold and Silver?

Metalurgy of district ores? Samples by whom? ^{Prospectors}

Finance. Prospectors

Trucking cost cost of truck?

Water - Heating - Elect.

Joseph mine detail examination?

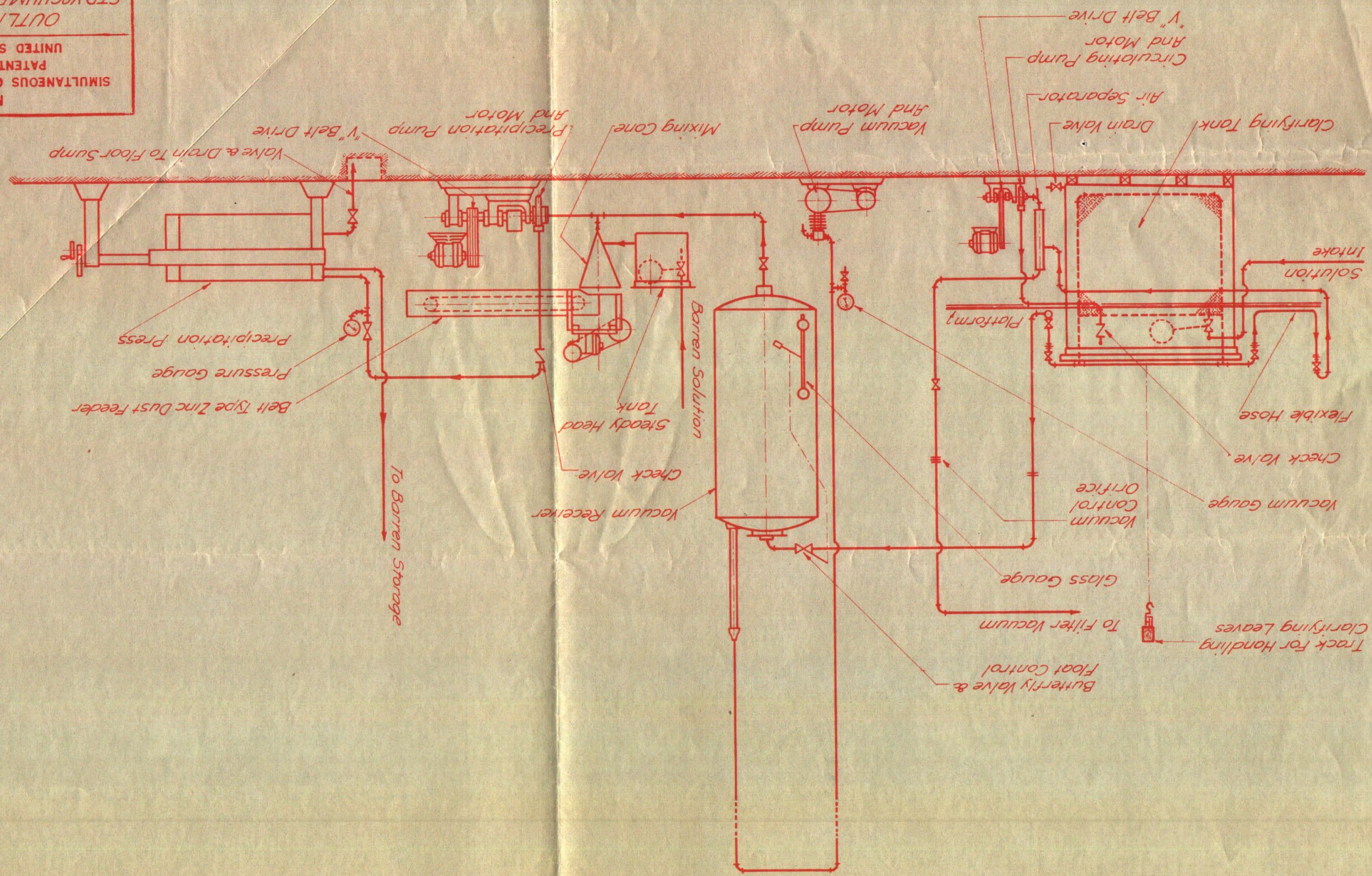
MERRILL - CROWE
 SIMULTANEOUS CLARIFICATION - PRECIPITATION PROCESS
 PATENTED AND PATENTS PENDING IN
 UNITED STATES AND FOREIGN COUNTRIES

OUTLINE DRAWING SHOWING
 STD. VACUUM RECEIVER, BELT TYPE FEEDER
 AND PRESS TYPE PRECIPITATE FILTER

THE MERRILL COMPANY
 SAN FRANCISCO, CALIFORNIA, U. S. A.

SCALE: NONE
 DATE JULY 16, 1937
 FILE NO. G-464
 DRAWN BY R.S.
 CHECKED BY

NOTE: Interconnecting Piping
 Not Furnished By The Merrill Co.



Charles W. Merrill
Louis D. Mills
Frank H. Rieker
Herbert S. Shuey
John L. Merrill

THE MERRILL COMPANY
ENGINEERS
343 SANSOME STREET
SAN FRANCISCO, CALIFORNIA
Cable Address "Lurco"

Please address all
business communications to
the Company
Subsidiary Companies
The Alloys Company
Merco Centrifugal Co.

September 27th, 1937

The Tonopah Mining Company of Nevada
Tonopah
Nevada

Attention Mr. H. A. Johnson:

Gentlemen:

This will acknowledge receipt of your favor of September 18th requesting quotation on Merrill-Crowe Precipitation Plant for handling 2000 tons of gold solution daily.

We have accordingly prepared our Quotation No. 4980 covering Merrill-Crowe Process Rights and equipment. The specification attached to the quotation lists in detail all the parts which we propose to furnish and which are included in the prices given.

The equipment is of the Simultaneous Clarification Precipitation type, using filter presses. You will note that we specified two 36" square precipitation presses. We have lately been using the square type of press which is considerably cheaper than the triangular type. Due to improvements in various parts of our Precipitation Process, it is now possible to use the square type of presses without, in any way, interfering with the efficiency of the Process. The quotation includes complete clarifying equipment consisting of rectangular steel clarifying tank together with the required leaves and sheeting bags. Equipment for precoating the clarifying leaves with filter-aid is also included. We inclose print of our Drawing #3937 which shows in outlines the general arrangement of the equipment.

We note that this equipment will be transported to the mine via airplane, which imposes certain restrictions in regard to weights and measurements. As far as the weight is concerned, we will have no difficulty. The dimensions specified will affect the steel clarifying tank and also the vacuum receiver. In the case of the clarifying tank, we would have to supply this in sections which would then have to be welded together in the field. The vacuum receiver would also be supplied in sections and welded up in the field. Outside of these two items, there will be no difficulty with the balance of the equipment. The prices quoted are f.o.b. San Francisco and Harrison, New Jersey. The presses would come from Harrison, New Jersey and the balance of the equipment from San Francisco. The shipping weights and volumes are given on our quotation. The approximate freight rate from Harri-



The Tonopah Mining Co. of Nevada
Page #2
9/27/37

son to Tonopah for minimum carload of 30,000 lbs. would be \$2.71 and the rate from San Francisco to Tonopah, 67 $\frac{1}{2}$ ¢ for 30,000 lbs. minimum carload.

We trust that the information which we have given will meet your present requirements. If you should require anything additional, please do not hesitate to call upon us.

Yours very truly,

THE MERRILL COMPANY

BY


E. Ericson

EE/g

Enc: Quotation No.4980
Drawing No. 3937

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

September 25, 1939.

Gray and Murdock, Engineers,
Stokermatic Company,
Salt Lake City, Utah.

Gentlemen:

Will you please quote on 8", 6" and 5"
automatic ore samplers such as in use at the
Murray plant and the approximate time required
for delivery.

Yours very truly,

Superintendent

COPY

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

October 25, 1939.

Dorr Company,
811 West 7th St.
Los Angeles, Cal.

Gentlemen:

Please accept our thanks for your letter of October 9th in which you have submitted quotations on the Dorr machinery which I requested you to do.

The Mill situation is still in the offing and it will probably be some time before we make any decision regarding machinery for the proposed Mill.

Very truly yours,

HAI:MDH

Superintendent

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

COPY

October 10, 1939.

Mr. Fred L. Cole, President,
Tonopah Extension Mines, Inc.,
1230 South Oakland Ave.,
Pasadena, Calif.

Dear MR. Cole:

In reply to your letter of October 5, 1939
regarding certain changes in proposed mill and
mine lease on the Tonopah Extension Mines, Inc.,
property as outlined in letters to under date of
October 3, 1939 .

I am advised by our Eastern Office that
these changes are unacceptable and we herewith, with-
draw our request for a lease on both the mill or
mine as contained in my letter to you.

I am sorry that we were unable to get to-
gether on a basis that would be acceptable to both
companies.

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

November 26, 1937.

Mr. William G. Hubler,
c/o Beattie Gold Mines Ltd.,
Duparquet, Canada.

Dear Mr. Hubler:

Acting upon the advice of Mr. Huston, I am enclosing prints of a rough and tentative layout for the suggested 500 ton cyanide plant for La Luz. I will be very glad to have your criticisms and suggestions in this regard.

I have written to a number of machinery companies for quotations on various items and I believe you have been furnished copies of the replies by Mr. Huston. These prices are all Tonopah prices it being assumed that Tonopah price and Niceragua coast points are approximately the same.

A copy of a letter from Horberge Manufacturing Co. is enclosed. According to this reply the 4' Symons is out of the question for both size and weight. The 3' would possibly pass for weight but the dimensions as given on their plan of the base are 4'-1" by 5'-4 1/8" which seems to be out of the question. I am writing to Horberg again to see if this machine can be sectionalized. In the reply from Mine and Smelter they have quoted on #36 Gyrasphere Crushers but make no mention as to whether they are sectionalized or not. The catalog plan shows this crusher to have about the same dimensions as the 3' Symon.

The tests made by Oliver were on dump ore, the only available material I had. It was not ground as fine as contemplated so that more filter area may be required than they have specified. However, the fresh ore may filter better than the dump ore. A sample of the same dump ore has been sent to the Dorr Co. for settling tests and as soon as I hear from them I shall let you know.

In regard to the rough estimate made and which is subject to many revisions, I have used actual prices as near as possible. Some of the other items are guesses but I believe the principal items are nearly correct. For erection costs I have used approximately \$50 per ton for machinery, wood tanks \$20 per ton, concrete \$30 per yard, lumber \$75 per M, excavation \$1.50 per yard. I was recently told by a Western Machinery representative that they figure \$875 per daily ton capacity on a 500 ton plant. On this basis my estimate is somewhat low.

Yours very truly

cc Mr. Huston.

Superintendent

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

November 11, 1937.

Mr. M.B. Huston, Vice President,
The Tonopah Mining Company of Nevada,
570 Bullitt Building,
Philadelphia, Pa.

Dear Milt:

I have received results of tests from the Oliver Filter Co. on the La Luz dump ore. A copy of these results is enclosed. It is interesting to note that more filter capacity is required for the second filtering than for the first. The same condition prevailed at Millers when we were filtering before and after counter current dilution.

Copy of quotations on crushers from Mine Smelter Supply Co. are also enclosed. A further letter giving Marcy Mill prices is also enclosed. Allis Chalmers are unable to furnish crushers of desired size sectionalized.

Using the data I now have at hand I have prepared the accompanying estimate, contemplating the double filtration. All prices are F.O.B. Tonopah.

A few of the items may still be a little high but it is my belief that the actual cost will be right around \$400000 when completed.

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

November 27, 1937.

Norberg Manufacturing Co.,
846 Terminal Subway Bldg.,
Los Angeles, Calif.

Gentlemen:

This will acknowledge with thanks your favor of the 19th. Since it would appear impossible to use the 3' Symons Cone Crusher as it is manufactured on account of the body dimensions is there any way possible that it may be sectionalized to meet the requirements for airplane transportation, $3\frac{1}{2}'$ by $4\frac{1}{2}'$ by 10'. If so, will you please quote the approximate cost for the sectionalized machine.

COPY

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

October 29, 1937.

Nordberge Mfg. Co.,
Los Angeles, Calif.

Gentlemen:

We are contemplating the construction of a 500 ton cyanide plant and are preparing estimates using Symon Cone crushers as a secondary grinder.

The particular installation will call for crushing capacity of 30 tons per hour discharge from a Blake type jaw crusher set at 2 1/2 to 3 inches. This product to be screened before delivery to Symons. Product desired from Symons 3/8". Rock is hard, tough limestone.

The proposed plant is to be in isolated locality in Central America and airplane transportation will be necessary. The limit on size and weight of single piece is 3 1/2' x 4 1/2' x 10', weight 5000#.

With the above in mind it may be that two smaller crushers would work in better than one large one.

Will you please quote for the above and give approximate weight.

Also on vibrating screen 3/8" slot to handle jaw crusher discharge of 2 1/2".

Yours very truly,

Superintendent .

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

October 26, 1937.

Mine and Smelter Supply Company,
Denver, Colo.

Gentlemen:

Under date of September 24th you advise that you have submitted to the manufacturers of several pieces of equipment about which I inquired under date of Sept. 18th my inquiry for their consideration. So far no word has been received from them.

Can you quote on 2-36" Tel Smith Gyrosphere Crushers with special concave.

Also on Marcy mills to deliver 500 tons -200 mesh per day feed 3/8 to 1/2 closed circuit Dorr Rake and bowl classifiers. These mills would have to be sectionalized so largest piece weighs not more than 5000# and dimensions not over 3 1/2 x 4 1/2 x 10 feet.

We have been depending on you for the information asked for to prepare this estimate and request that it be hurried along, if possible.

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

November 26, 1937.

Mine and Smelter Supply Company,
Denver, Colorado.

Gentlemen:

I wish to thank you for the quotations given me in your letter of the 1st.

In regard to the #36 Gyrasphere crushers I am not quite clear as to whether or not these crushers are sectionalized to meet the requirements for airplane transportation: 5000# largest single piece, dimensions of largest piece 3'x4'x10'.

Will you please advise me if I am correct in the assumption that the largest piece will meet the above requirement

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

October 1, 1937.

Oliver United Filters Inc.,
351 California St.,
San Francisco, Cal.

Gentlemen:

We acknowledge with thanks your favor of the 2nd. In compliance with your request we are sending to your address a five gallon can of ground ore by prepaid express in order that you may determine the actual filtering capacity required.

This ore was ground in a laboratory ball mill with water and lime. This will be the contemplated practice. This mill is proposed to dewater with a filter and give what water wash is essential and necessary to take out scumblers.

The discharged cake will then be repulped and given 24 hours agitation with 2.5% cyanide solution and enough lime for protection. The treated pulp will then be sent to a thickener the thickened pulp to the second set of filters and given a barren solution wash.

A thickener will also be used before the first set of filters.

We will be pleased to have your results and recommendations. Please note that the ore settles rather poorly and that thickening to over 1.26 is rather difficult.

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

October 26, 1937.

Dorr Machinery Company,
Los Angeles, Calif.

Attention Mr. McAfee.

Gentlemen:

Following our recent conversation of several weeks ago you were to send us catalogues of Dorr Agitators, Classifiers, Agitators and Dorrco Pumps. These have not been received and am asking if you can supply us with these.

We thank you for the recent estimates that you furnished.

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

September 18, 1937.

Pacific Tank and Pipe Co.,
122 West Jefferson Ave.,
Los Angeles, Calif.

Gentlemen:

We are preparing preliminary estimates on the cost of a 500 ton cyanide plant and ask that you furnish the following data.

The plant will so be situated that airplane transportation will be necessary and the restrictions as to weight and size are that the weight of a single piece must not be over 5000# and the dimensions not over 3'x4'x10'. Pieces up to 20' in length can be varied but must not be over 2'x3' in the other directions.

Please quote on the following standard redwood tanks prices and weights.

2- 40'D x 20' high 3" staves.

2- 180SDx 10' " 3" "

5- 38'D x 20' " 3" "

1- 20'D x 6' " 3" "

Prices to F.O.B. Tonopah.

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

September 18, 1937.

Oliver ~~Edited~~ Filter Corporation,
351 California St.,
San Francisco, Calif.

Gentlemen:

We are preparing preliminary estimates on the cost of a 500 ton cyanide plant and ask that you furnish the following data.

The plant will so be situated that airplane transportation will be necessary and the restrictions as to weight and size are that the weight of a single piece must not weigh over 5000# and dimensions not over 24x48x10'. Pieces up to 20' in length may be carried but must not be over 24x36' in the other directions.

The ore is limestone and will be crushed to -200 mesh. Settling is poor with 1.28 SP.Gv. the maximum. A preliminary wash by filtering will be given before agitation. Hence double filter capacity will be needed.

Please quote price F.O.B. Tonopah and weight together with vacuum pump and all accessories on two banks of filters to each handle 500 tons daily. We think that four 14x20 filters will do for each bank.

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

September 18, 1937.

Hardinge Company, Inc.,
501 Howard Street,
San Francisco, Calif.

Gentlemen:

We are preparing preliminary estimates on the cost of construction of a 500 ton cyanide plant and ask that you furnish the following data.

The Plant will so be situated that airplane transportation will be necessary and the following restrictions as to size and weight of a single piece must not be over #5000 and dimensions over 8'x4'x10'. Pieces up to 20' in length may be carried but must not be over 8'x4' in the other directions.

Please quote price and weight of 8-Ball Mills each to handle 250 tons daily. Feed 1" finish 200 mesh. Rock is tough limestone. Mills to be complete with liners and sectionalized to meet above requirements. Also size, weight and price motor with V belt drive. Power 440 Volt A.C.

Also price and weight of constant weight feeders for above with motors and drive.

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

September 18, 1937.

Mine and Smelter Supply Co.,
Denver, Colo.

Gentlemen:

We are preparing preliminary estimates on the cost of construction of a 500 ton cyanide plant and ask that you furnish us the following data.

The plant will be so situated that airplane transportation will be necessary and the following restrictions as to size and weight of a single piece must be not over #5000 and dimensions not over 31'x41'x10'. Pieces up to 20' may be carried but must not be over 21' x 4' in the other directions.

Please quote price and weight on Blake type Jaw Crusher to crush 30 tons per hour from mine run to 2 1/2". Size and weight motor for this unit and also price. 440 V.A.C.

Price, weight of 18" conveyor 30' long, Motor size, weight and price.

Vibrating screen to take discharge from crusher with 1" apertures. Size, weight, price.

Price, weight Symons Cone crusher to take screened crusher discharge to crush to 1". Also price weight and size of motor required.

Price and weight of 18" conveyor 200' long. Motor size weight and price.

Price weight 4" line pump to handle 2000 tons slime 2;1 per 24 hrs 30 foot head. Direct connected.

Price weight solution pump to handle 3000 tons solution per 24 hours 100 foot head. Direct connected.

We realize that some of these items will have to be sectionalized to meet the above requirements. As transportation charges will be approximately the same as to Tonopah we ask that prices be given F.O.B. Tonopah.

Thanking you in advance, I am

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

October 25, 1939.

Gray & Murdock,
1424 Penrose Drive,
Salt Lake City, Utah.

Dear Mr. Gray:

Attr: Mr. Owen H. Gray

I have your letter of recent date in answer to my letter about the sampling machine needed at the Utah Ore Sampling Co. There has been considerable talk about a custom plant at Tonopah and should it develop it is our intention to use two or three of these machines. As there has been no definite decision made regarding the Mill it may be sometime before we shall be in a position to place an order with you.

Yours very truly,

HAI:MDH

Superintendent

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

7- Our original offer was more than fair. Would therefore offer to enlarge mill as we see fit and take Extension ore along with other ores with no preference.

8-No Objection.

9- No objection

10- No objection.

Next paragraph. Meaning of option evidently misunderstood. What I wanted was time for financing. It is impossible to tell specifically the time alterations and construction will take. At present, delivery on machinery is uncertain and Southwestern Machinery Company no deliveries could be promised before January 1st.

In view of the fact that our very fair offer is not being accepted, I would suggest that it be withdrawn and make them an offer to convert their plant into a 100 ton plant, assume taxes and insurance, let the mill revert to them at expiration of lease, if in our opinion enlargement is ever necessary we will enlarge it but with no charge for rental or rate per ton attached. It just enters my mind that under number seven clause where it is stipulated that rate on ores to be milled in enlarged mill must be milled at the rate being charged at the time enlargement is required. We would have no way to amortize the addition. This also applies to conditions in my number 7 clause.

An answer regarding the mine lease is also enclosed. I told Mr. Cole that this would in no way be acceptable. He suggested that if he could interest other parties that we might be willing to participate and I told him it would be possible that we might be.

I would be glad to have your comments and suggestions on their proposal.

While in Los Angeles, I called on the Norberg Mfg. Co. who make the Symon Cone Crusher. I told them about the Vertex crusher and they do not think that heat would injure it to any great extent. If such is the case, it can be used in the proposed mill. The Dorr Classifier and jaw crusher will also be adaptable.

I also talked to the Southwestern Engineering Company and asked for estimates on a 100 ton plant with foundations already in.

Yours very truly,

Superintendent.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

October 7, 1939.

Mr. W.L. Haehnlen, President,
The Tonopah Mining Company of Nevada,
570 Bullitt Building,
Philadelphia, Pa.

Dear Mr. Haehnlen:

Mr. Peck and I returned from Los Angeles last night.

I met Mr. Warner, one of the Extension bondholders Wednesday and he had many objections to the tentative points concerning the leasing the Extension mill. He purports to have great faith in the Extension and has a very exalted opinion of what is left of the Extension mill which in reality has very little * questionable value except the stamps, tube mills and tanks all of which are badly in need of repairs.

At a conference with Mr. Cole, the two of them drafted the enclosed answer to my letter. It appears that they want to grab all they can and I do not favor the changes made by them in the original offering. My objections are as follows.

- 1- No objection.
- 2- No objection.
- 3- Rate of 20 cents per ton too high. I originally offered \$250 per month and finally agreed to 15 cents per ton which I think is plenty high. This makes \$225 per month if 1500 tons are milled and \$450 per month if 3000 tons are milled. For the start I think the figure will be between the two. As the plant now stands it is a liability rather than an asset. I do not believe it could be sold for \$15000. At the rate they ask if we are lucky enough to get 3000 tons per month for the term of the lease, it means that they will receive \$7200 per year or \$57600 for the 8 years. And in addition have the plant revert to them.
- 4- Taxes have not been paid on the plant for several years and next year in September the plant will due for sherriffs sale. We should not pay on any part of the mill that we are not using.
- 5- In surance should be only on that part of the property in which we are interested.
- 6- No objection.

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

September 18, 1937.

The Dorr Company,
Denver, Colo.

Gentlemen:

We are preparing preliminary estimates on the cost of construction of a 500 ton cyanide plant and ask that you furnish us the following data.

The plant will be so situated that airplane transportation will be necessary and the following restrictions as to size and weight of a single piece must be not over \$5000 and dimensions not over 3'x4'x10'. Pieces up to 20' may be carried but must not be over 2'x4' in the other directions.

Please quote price and weight of 2-Combination rake and Bowl Classifiers to handle discharge from ball mills, ore is hard limestone and settles poorly. Discharge to be -200 mesh each to handle 250 tons daily. Weight and size of motors (belt drive).

Price and weight of 2-80'x10' Dorr thickener mechanisms with superstructure. Also price, weight and size of motor required.

Price and weight of 5-36'x20' Dorr agitator mechanisms with superstructure. Also price, weight and size of motors required.

Price and weight of 2-batteries of 4 each Dorrco Diaphragm Pumps each set to handle 1250 tons slime 1.26 gravity. Also weight, price and size of motors.

Thanking you in advance, I am

Yours very truly,

Superintendent.

H.A. Johnson

THE TONOPAH MINING COMPANY OF NEVADA
TONOPAH, NEVADA

September 18, 1937.

The Merrill Company,
343 Sansome Street,
San Francisco, Calif.

Gentlemen:

We are preparing preliminary estimates on the cost of construction of a 500 ton cyanide plant and ask that you furnish the following data.

The plant will so be situated that airplane transportation and the restrictions as to weight and size are that the weight of a single piece must not be over 5000# and dimensions not over 3½x4½x10'. Pieces up to 20' long may be carried but must not be over 2½x3½x10'.

Please quote price and weight on Crave zinc dust precipitation plant, 2000 tons gold solution daily. This to include all tanks and accessories. Motors 440 Vplt A.C. Price F.O.B. Tonopah.

Yours very truly,

Superintendent.

48400824

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
2275 MUELLER DRIVE, RENO, NEVADA 89502

January 30, 1968

Mr. Albert C. Parker
Superintendent
H. Earl Parker, Inc.
12th and F Streets
Marysville, California

Subject: Preliminary Inspection of Prospects Presented to
H. Earl Parker, Inc.

Four prospects were visited by myself, in company with Mr. Albert C. Parker, on January 17, 18, and 19; a second visit was made to the sulphur prospect on January 24. Very little time was spent on each property. Snow on the ground hindered observations at two of the prospects and our guide was very uncertain as to the boundaries or location of the other two prospects.

The properties are raw prospects. No recent work appears to have been done on them; and, with one or two exceptions, the old shafts and workings are inaccessible. This report is based on the inspection trip made with Mr. Parker and on information that is available in the technical literature. No mapping was done as it did not seem warranted at this time, especially since there was some snow cover and property boundaries were not known.

Fabb. Prospect - Tenopah District
See 05200017 FOR COMPLETE REPORT