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SECTION 5

CONCENTRATOR

ESTIMATE SHEETS

PARSONS [illegible]DEN CORPORATION

ESTIMATE [illegible]RKSHEET

P-1348-DONLYN PRINTED IN U.S.A.

DATE 3 - 71 SHEET 1 OF 1

M.T.O BY

PRICED BY

JOB NO.: 4832-01 CLIENT: NEL

TYPE OF ESTIMATE

CKD BY C

PROJECT: 10-60 COARSE CRUSHING EARTHWORK

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR M.H.	TOTAL COST
-01	FOUNDATION EXCAVATION	16200	CY	.015	.33	243		5346	
-02	FOUNDATION BACKFILL	13000	CY		.30			3900	
-03	HAND SHAPE & GRADE	40	CY	4.50	1.1	180		44	
	TOTAL								
	TOTAL EXCAVATION (MH.)							9413 x 6.70	
	ADJUST					77			
	TOTAL EXCAVATION ($)		CY			500		63100	63600

SHEET NO. 1

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DOBLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 2

M.T.O. BY
PRICED BY

JOB NO. 4832-01 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY R

PROJECT: 10-51 COARSE CRUSHING-CONCRETE

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR M.H.	TOTAL COST
-01	FOOTING CONC.	365	CY	19.50	1.0	7120		365	
-02	PIER CONC.	235	CY	19.50	2.4	4580		565	
-03	WALL CONC.	1840	CY	19.50	2.0	35880		3680	
-05	GROUND SLAB CONC.	255	CY	19.50	.85	4970		215	
-06	STRUCTURAL SLAB CONC.	505	CY	19.50	3.2	9850		1615	
	TOTAL CONCRETE	3200	CY						
-07	FOOTING FORMS	2800	S.F.	.40	.2	1120		560	
-08	PIER FORMS	4500	S.F.	.50	.4	2250		1800	
-09	WALL FORMS	37000	S.F.	.50	.4	18500		14800	
-11	GROUND SLAB FORMS	1200	S.F.	.20	.2	240		240	
-12	STRUCTURAL SLAB FORMS	6000	S.F.	.60	.45	3600		2700	
-13	REINFORCING	605000	LBS.	.10	.015	60500		7580	
-14	66 x 66 WIRE MESH	7	SQ.	5.70	.8	40		5	
-15	EMBEDDED STEEL	12000	LBS.	.50	.03	6000		360	
	TOTAL THIS SHEET					144650		34435	

SHEET NO 2

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 2 OF 2

M.T.O. BY
PRICED BY

JOB NO.: 4232-01 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 10-61 COARSE CRUSHING - CONCRETE (CONT.)

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR M.H.	TOTAL COST
-16	DUMP POCKET LINERS	75000	LBS.	.42	.01	31500		750	
-16	SURGE POCKET LINERS	25000	LBS.	.42	.01	10500		250	
	TOTAL CONCRETE (M.H.)							35485	
								x 6.89	
	ADJUST					50			
	TOTAL CONCRETE ($)	3200	CY			186700		244500	431200

SHEET NO. 3

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

M.T.O. BY _____

DATE 3-71 SHEET 1 OF 1 PRICED BY _____

JOB NO.: 4832-01 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 10-62 COARSE CRUSHING - BUILDINGS

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR M.H.	TOTAL COST
-01	STRUCTURAL STEEL	175000	LBS.	.23	.01	40300		1750	
-02	22 GA. ROOFING	64	SQ.	42.00	3.1	2690		200	
-04	24 GA. SIDING	100	SQ.	31.00	3.8	3100		380	
-05	1/4" CR FLOOR PLATE	2500	LBS.	.16	.12	400		300	
-06	5# EXPANDED METAL	6300	LBS.	.28	.07	1770		440	
-08	3070 MAN DOORS	4	EA.	200.00	5.0	800		20	
-08	6070 MAN DOORS	1	EA.	400.00	10.0	400		10	
-11	2'-6" STAIR TREADS	184	EA.	8.00	.50	1470		95	
-12	CONVEYOR STEEL	132000	LBS.	.35	.011	46200		1450	
	PARTITION	1200	S.F.	5.00	.12	6000		145	
	HAND RAILING	350	LF	5.20	.30	1820		105	
	CONCRETE BLOCKS 8"x8"x16"	1200	S.F.	.37	.12	450		145	
	WINDOW 12'x6'	72	S.F.	3.00	.15	220		10	
	PRE CAST CONCR. ROOF	630	S.F.	1.20	.05	760		30	
	12' x 12' ROLL-UP DOOR	1	EA	1200	40.0	1200		40	
	A/C UNIT FOR CONTROL RM. 1½ T	1	EA.	500.00	20.0	500		20	
	EVAP. COOLER FOR ELEC. RM. - 2500 CFM	1	EA.	300.00	10.0	300		10	
	PLUMBING	L.S.				1000		100	
	EXH. FAN	1	EA	200	5.0	200		10	
	TOTAL BUILDINGS (MH)							5260	
								× 7.99	
	ADJUST					(20)			
	TOTAL BUILDINGS ($)					109600		42000	151600

SHEET NO. 4

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY

PRICED BY

CKD. BY E

JOB NO.: 4832-01 CLIENT: NEL

TYPE OF ESTIMATE

PROJECT: 10-63 COARSE CRUSHING-PROCESS EQUIP.

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR M.H.	TOTAL COST
-02	60"×89" GYRATORY CRUSHER (500 H.P.)	1	EA.			573200		4500	
-04	60"×20' APRON FEEDER (25 H.P.)	1	EA.			34500		250	
	DISCHARGE CHUTE	10000	LBS.	.48	.015	4800		150	
	A.R. LINERS	4500	LBS.	.42	.01	1900		45	
	FEED CHUTE	9000	LBS.	.48	.015	4320		135	
	A.R. LINERS	9800	LBS.	.42	.01	4100		98	
-05	54"×406' BELT CONVEYOR (400 H.P.)	1	EA.			71300		2400	
-06	MOTORIZED ROCK HOOK (5 H.P.)	1	EA.			3500		20	
-07	ZINC FURNACE (1/2 H.P.)	1	EA.			4250		50	
	DUCTWORK					3000		150	
	FAN 3800 CFM 1 HP	1	EA.			400		10	
-09	DUST COLLECTOR - 10,000 CFM (25 H.P.) INCL. FAN & DUCTWORK	1	EA.			7700		400	
-10	75/15 T BRIDGE CRANE (60, 50, 30, 15 H.P.)	1	EA			106000		950	
-11	FLOOR SUMP PUMP (15 H.P.)	1	EA.			1315		40	
-12	MAN LIFT ELEVATOR (7 1/2 H.P.)	1	EA.			35000		INCL.	
-13	METAL DETECTOR (RAMSEY)	—				—		—	
-14	50T TRUCK SCALE	1	EA.			8700		500	
	FOUNDATION					9000		56	
	TOTAL PROCESS EQUIP. (M.H.)					872985		9693	
								× 7.96	
	ADJUST					15			
	TOTAL PROCESS EQUIP. (E)					873000		77200	950200

SHEET NO. 5

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ248-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY

PRICED BY

JOB NO.: 4832-01 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 10-64 COARSE CRUSHING - PIPING

ACCOUNT NO		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR M.H.	TOTAL COST
	TOTAL PIPING					5000		670	
	TOTAL PIPING (M.H.)							670 x 9.31	
	TOTAL PIPING (#)					5000		6300	11300

SHEET NO. 6

PARSONS-JURDEN CORPORATION — ESTIMATE WORKSHEET

F-3348-DONLYN PRINTED IN U.S.A.

DATE 3-7 SHEET 1 OF 6 M.T.O. BY ____ PRICED BY ____

JOB NO.: 4332-01 CLIENT: NEL TYPE OF ESTIMATE CKD. BY LM

PROJECT: 10-65 COARSE CRUSHING - ELECTRICAL

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
	4160 V WOUND ROTOR STARTER	2	EA.	—	—	20000		120	
	1500 KVA 13.8/4.16 KV UNIT SUBSTATION	1	EA.	—	—	18500		181	
	1000 KVA 13.8/0.48 KV UNIT SUBSTATION	1	EA.	—	—	11000		115	
	600 HP WOUND ROTOR IND. MOTOR - SETTING Comm.	1	EA	—	—	100		110	
	400 HP WOUND ROTOR IND. MOTOR - " "	1	EA.	—	—	100		100	
	30 KVA 480/208/120V LTG. TRANSFORMER	2	EA.	400	22	800		44	
	42 CKT. LTG. PANELS W. BREAKERS	2	EA.	155	45	310		90	
	HI-BAY LTG. FIXTURES 400 W. MERCURY V.	24	EA.	110	5	2640		120	
	LTG. FIXTURES - 100 W MERCURY V.	50	EA	65	3	3250		150	
	MOTOR CONTROL CENTRE (1)	1	EA.	—	—	3600		92	
	5 KVA REGULATING TRANSFORMER	1	EA.	—	—	—		—	
	1/C #6 5KV POWER CABLE	2000	FT.	.388	.027	775		58	
	1/C #12 AWG 600 V COPPER CABLE	40000	FT.	.038	.008	1520		320	
	1/C #10	20000	FT.	.047	.010	940		200	
	1/C # 8	4000	FT.	.075	.013	300		52	
	2/C #14	2000	FT	.130	.016	260		32	
	3/C #14	5000	FT	.155	.017	775		85	
	TOTAL THIS SHEET					64870		1869	

SHEET NO. 7

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 2 OF 6

M.T.O. BY

PRICED BY

JOB NO.: 4832-01 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY LM

PROJECT: 10-65 COARSE CRUSHING-ELECT. (CONT.)

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
	7/c #14 AWG INSULATED COPPER CABLE	2000	FT.	.280	.020	560		40	
	4/c #14 " "	1000	FT.	.182	.018	180		18	
	12/c #14 " "	1000	FT.	.522	.023	520		23	
	19/c #14 " "	1000	FT.	.664	.033	665		33	
	4/c #12	500	FT.	.253	.019	125		10	
	4/c #10	—		—	—	—		—	
	1/c #8	—		—	—	—		—	
	3/c #4	—		—	—	—		—	
	1/c #2	200	FT.	.178	.019	35		4	
	4/c #350 " " "	600	FT.	.910	.055	545		33	
	1/c #1/0 BARE COPPER CABLE (326#)	1000	FT.	—	.030	265		30	
	1/c 500MCM " " (772#)	500	FT.	—	.050	625		25	
	1/c #2 " " (205#)	1000	FT.	—	.020	170		20	
	460 V MOTORS								
	2 HP 1800 RPM TEFC-SETTING & CONN.	—		—	—	—		—	
	5 " " " " " "	1	EA.	15	6	15		6	
	7½ " " " " " "	1	EA.	15	6	15		6	
	15 " " " " " "	1	EA.	16	9	15		9	
	25 " " " " " "	2	EA.	20	16	40		32	
	30 " " " " " "	—		—	—	—		—	
	CONTROL STATIONS	10	EA.	20	3	200		30	
	EMERGENCY LTG. FIXTURE	6	EA.	125	2	750		12	
	PULL & TERMINAL BOXES-INCL. IN CONDUIT	—				—		—	
	1/2 HP 1800 RPM TEFC-SETTING & CONN.	1	EA.	15	6	15		6	
	TOTAL THIS SHEET					4740		337	

SHEET NO. 8

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 3 OF 6

M.T.O. BY
PRICED BY

JOB NO.: 4832-01 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY LM

PROJECT: 10-65 COARSE CRUSHING-ELEC.- (CONT.)

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
	1/2"φ RIGID STEEL CONDUIT, FITTINGS + SUPPORTS			—	—	—		—	
	3/4"φ " " " "	4000	FT	.24	.105	960		420	
	1"φ " " " "	2000	FT	.35	.13	700		260	
	1 1/2"φ " " " "	1000	FT	.53	.19	530		190	
	2"φ " " " "	1000	FT	.72	.245	720		245	
	2 1/2"φ " " " "			—	—	—		—	
	3"φ " " " "			—	—	—		—	
	4"φ " " " "	500	FT	224	.615	1120		308	
	5"φ " " " "			—	—	—		—	
	24" CABLE TRAY			—	—	—		—	
	18" " "			—	—	—		—	
	12" " "			—	—	—		—	
	100 AMP 3 POLE WELDING RECEPTACLE	6	EA	45	4	270		24	
	P-1000 UNISTRUT - INCL IN CONDUIT			—	—	—		—	
	TOTAL this SHEET					4300		1447	

SHEET NO. 9

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

M.T.O. BY

DATE 3-71 SHEET 4 OF 6 PRICED BY

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY LM

PROJECT: 10-65 COARSE CRUSHING-ELEC. (CONT.)

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
	GROUND CONNECTOR 500 MCM CABLE TO VERT. STEEL SURFACE	20	EA.	4	1.5	80		30	
	GROUND CONN. 500 MCM TO #2 AWG	20	EA.	3	2	60		40	
	GROUND CONN. #2 AWG TO 1/0 AWG	50	EA.	2	1	100		50	
	PULL CORD SWITCHES (DOUBLE ENDED)	2	EA	50	15	100		30	
	IN PLANT COMMUNICATIONS								
	SPEAKERS WITH DRIVERS - UNIVERSITY	10	EA.	50		500			
	SPEAKERS AMPLIFIERS - GAI-TRONICS	10	EA.	50		500		70	
	HANDSET STATIONS	6	EA.	90		540			
	CRANE CONDUCTOR RAILS, 300 AMP	240	FT.	3	1.25	720		300	
	INSULATORS FOR COND. RAIL	48	EA.	1	.50	50		24	
	AIR WASHING UNIT	—		—	—	—		—	
	DUCTWORK FOR AIRWASHER (INSTALLED)		LOT	—	—		—	—	
	REVERSIBLE STARTER FOR O.H. DOOR	1	EA.	—	—	150		6	
	LIGHT FIXTURES COMPL. W. DOME & SHOCKABSORBERS - 100 W. INCAND.	30	EA.	15	3	450		90	
	TOTAL this SHEET					3250		640	

SHEET NO. 10

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

M.T.O. BY

DATE 3-71 SHEET 5 OF 6 PRICED BY

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY CM

PROJECT: 10-65 COARSE CRUSHING - ELEC. (CONT.)

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
1	COAXIAL CABLE	500	FT	.150	.016	75		8	
2	2 # 14 WIRES	1890	FT	.130	.016	245		30	
3	4 # 14 WIRES	1070	FT	.182	.018	195		19	
4	2" CONDUIT	400	FT	.72	.245	290		98	
5	3/4" CONDUIT	800	FT	.24	.105	190		84	
	TOTAL this SHEET					995		239	

SHEET NO. 11

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 6 OF 6

M.T.O. BY

PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY LM

PROJECT: 10-65 COARSE CRUSHING - ELECTRICAL

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
	TOTAL MATERIAL AND MANHOURS PAGE 1					64870		1869	
	TOTAL MATERIAL AND MANHOURS PAGE 2					4740		337	
	TOTAL MATERIAL AND MANHOURS PAGE 3					4300		1447	
	TOTAL MATERIAL AND MANHOURS PAGE 4					3250		640	
	TOTAL MATERIAL AND MANHOURS PAGE 5					995		239	
	TOTAL (MH)							4532 MH	
	LABOR @ 13.00 PER hr SUB-CONTRACT						58915		
	TOTAL ($)					78155	58915		
	ADJUST					45	(15)		
	USE					78200	58900		137100

SHEET NO. 12

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY

PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY C

PROJECT: 10-66 COARSE CRUSHING - PAINTING

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
	STRUCTURAL	154	GAL	7.00	3.0	1080		460	
	EQUIPMENT	15	GAL.	7.00	3.0	105		45	
	TOTAL PAINTING (MH.)							505 x 6.90	
	ADJUST					15			
	TOTAL PAINTING ($)					1200		3500	4700

SHEET NO. 13

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-CONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY

PRICED BY

JOB NO.: 4832 CLIENT: NEC

TYPE OF ESTIMATE

CKD. BY

PROJECT: 10-67 COARSE CRUSHING - INSTRUMENTATION

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR	TOTAL COST
1	CLOSED CIRCUIT T.V. OF TRUCK DUMP POCKET TO CONCENTRATOR CONTROL ROOM WEATHERPROOF HOUSING	1	EA.	2000		2000			
2	GAMMA LEVEL DETECTOR ON DISCHARGE OF GYRATORY CRUSHER 10-63-02	1	EA.	2000		2000			
3	DUMP AND NO DUMP SIGNAL FOR CRUSHER PROTECTION	1	EA.	300		300			
4	4 ALARM POINTS PLUS 50% SPARES 8 ALARM POINTS	8	EA.	50		400			
5	SIREN TO ALARM ANY CRUSHER ABNORMAL CONDITION	1	EA.	100		100			
6	GAMMA LEVEL DETECTOR ON DISCHARGE GYRATORY CRUSHER LOW LEVEL INTERLOCK WITH APRON FEEDER	1	EA.		INCLUDED IN	ITEM 2			
	TOTAL INSTRUMENTATION LABOR						2400		
	TOTAL INSTRUMENTATION (#)					4800	2400		7200

SHEET NO. 14

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY

PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY C

PROJECT: 20-60 INTERMEDIATE STORAGE - EXCAVATION

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR M.H.	TOTAL COST
-01	FOUNDATION EXCAVATION	31000	CY	.015	.33	465		10230	
-02	FOUNDATION BACKFILL	19400	CY		.30			5820	
-03	HANDSHAPE & GRADE	210	CY	4.50	1.1	945		231	
	TOTAL EXCAVATION (M.H.)							16281 X 6.70	
	ADJUST					(10)			
	TOTAL EXCAVATION ($)					1400		109100	110500

SHEET NO. 15

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY
PRICED BY
CKD. BY C

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

PROJECT: 20-61 INTERMEDIATE STORAGE-CONCRETE

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
-01	FOOTING CONC.	6	C.Y.	19.50	1.0	117		6	
-02	PIER CONC.	4	C.Y.	19.50	2.4	78		10	
-03	WALL CONC.	1100	C.Y.	19.50	2.0	21450		2200	
-05	GROUND SLAB CONC.	1600	C.Y.	19.50	.85	31200		1360	
-06	STRUCTURAL SLAB CONC.	1800	C.Y.	19.50	3.2	35100		5760	
	TOTAL CONCRETE	4510	C.Y.						
-07	FOOTING FORMS	120	S.F.	.40	.2	48		24	
-08	PIER FORMS	200	S.F.	.50	.4	100		80	
-09	WALL FORMS	31000	S.F.	.50	.4	15500		12400	
-11	GROUND SLAB FORMS	5000	S.F.	.20	.2	1000		1000	
-12	STRUCTURAL SLAB FORMS	14000	S.F.	.60	.45	8400		6300	
-13	REINFORCING	1276000	LBS.	.10	.015	127600		19140	
-15	EMBEDDED STEEL	20000	LBS.	.50	.03	10000		600	
-16	LINERS	28000	LBS.	.42	.01	11760		280	
	TOTAL - CONCRETE (MH)							49160	× 6.895
	ADJUST					47			
	TOTAL - CONCRETE (#)	4510	CY			262400		338700	601100

SHEET NO. 16

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY

PRICED BY

JOB NO. 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 20-62- INTERMEDIATE STORAGE- BUILDINGS

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
-02	22 GA. ROOFING	78	SQ.	42.00	3.1	3276		242	
-06	5# EXPANDED METAL	15000	LBS.	.28	.07	4200		1050	
-12	CONVEYOR STEEL	210000	LBS.	.35	.011	73500		2310	
	TOTAL - BUILDINGS (MH)							3602 x 7.99	
	ADJUST					24			
	TOTAL - BUILDINGS (#)					81000		28800	109800

SHEET NO. 17

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ548-CONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY

PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 20-63 INTERMEDIATE STOR.-PROCESS EQUIP.

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
-02-5	HYDRASTROKE FEEDERS (6-15HP)	6	EA.			67000		780	
	FEED CHUTES	52000	LBS.	.48	.015	25000		780	
	DISCH. CHUTES	41000	LBS.	.48	.015	19700		615	
	A.R. LINER PL.	103000	LBS.	.42	.01	43200		1030	
	ONE FEEDER ADDED EACH TUNNEL					—		—	
-07-8	42" x 550' CONVEYORS (2-60HP)	2	EA.			94700		5310	
	DISCH. CHUTES	14000	LBS.	.48	.015	6700		210	
	A.R. LINER PL.	14000	LBS.	.42	.01	5900		140	
-09-10	MAGNETS FOR 42" CONVEYORS *	2	EA.	4600.	50.	9200		100	
-11-12	BELT SCALES FOR 42" CONVEYORS	2	EA.	5200.	125.	10400		250	
-06	DUST COLLECTOR 21000 CFM (60HP)	1	EA.	17500.	900.	17500		900	
	INCL. FAN & DUCTWORK								
-13	5 TON MONORAIL HOIST (5HP)	1	EA.			7000		40	
	METAL DETECTORS FOR 42" CONV.	2	EA.	1450.	30.	2900		60	
	TOTAL-PROCESS EQUIP. (MH)							10215	
								x 7.96	
	ADJUST								
	TOTAL-PROCESS EQUIP. ($) (TOTAL 235HP)					309200		81300	390500

SHEET NO. 13

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY

PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 20-64- INTERMEDIATE STOR- PIPING

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
	TOTAL PIPING					1000		100	
	TOTAL-PIPING (MH)							100 × 9.31	
	ADJUST					—			
	TOTAL- PIPING (#)					1000		900	1900

SHEET NO. 19

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-CONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 2

M.T.O. BY
PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY LM

PROJECT: 20-65 · INTERMEDIATE STOR. INSTR. WIRING

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
-1	2 #14 WIRES	1100	FT	.130	.016	145		18	
-2	3/4" CONDUIT	600	FT	.24	.105	145		63	
	TOTAL 20-65 this sht.					290		81 MH	

SHEET NO. 20

PARSONS-JURDEN CORPORATION ESTIMATE WORKSHEET

PJ345-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 2 OF 2 M.T.O. BY PRICED BY

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY L.G.

PROJECT: 20-65 INTERMEDIATE STOR.-ELEC.

ACCOUNT NO.	QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
PG. 1					290		81	
SUB-TOTAL MH.							81 MH.	
LABOR @ 13.00/HR.						1053		
					290			
SUB. TOTAL $ & LABOR					290	1053		
ADJUST.					10	47		
TOTAL USE					300	1100		1400
FROM SUMMARY AREA 30					4000	7000		11000
TOTAL 20-65					4300	8100		12400

SHEET NO. 21

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

FU345-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY
PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY C

PROJECT: 20-66-INTERMEDIATE STOR. - PAINTING

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
	STRUCTURAL	105	GAL	7.00	3.0	735		315	
	EQUIPMENT	20	GAL	7.00	3.0	140		60	
	TOTAL PAINTING (MH.)							375	
								x 6.90	
	ADJUST					25			
	TOTAL PAINTING ($)					900		2600	3500

SHEET NO. 22

PARSONS-JURDEN CORPORATION — ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1 M.T.O. BY ____ PRICED BY ____

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY

PROJECT: 20-67 INTERMEDIATE STOR.-INSTRUMENTATION

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR	TOTAL COST
-1	LEVEL SWITCH ON CONICAL STORAGE PILE	1	EA.			200			
-2	ALARM POINT AT CONTROL ROOM FOR ABOVE	1	EA.			50			
-3	CONTROL PANEL (COARSE & INTERMEDIATE STOR)	1	EA.			1500			
	TOTAL- INSTRUMENTATION LABOR						800		
						50			
	TOTAL- INSTRUMENTATION ($)					1800	800		2600

SHEET NO. 23

PARSONS-JURDEN CORPORATION ESTIMATE WORKSHEET

PJ346-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1 M.T.O. BY PRICED BY

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY

PROJECT: 30-60 - FINE CRUSHING - EXCAVATION

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
-01	FOUNDATION EXCAVATION	2330	CY	.015	.33	35		769	
-02	FOUNDATION BACKFILL	2050	CY		.30			615	
-03	HAND SHAPE & GRADE	240	CY	4.50	1.1	1080		264	
	TOTAL - EXCAVATION (MH)							1648	
								X 6.70	
	ADJUST					(15)			
	TOTAL - EXCAVATION ($)					1100		11100	12200

SHEET NO. 24

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 2

M.T.O. BY
PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 30-61 FINE CRUSHING - CONCRETE

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
-01	FOOTING CONC.	180	CY	19.50	1.0	3500		180	
-02	PIER CONC.	40	CY	19.50	2.4	780		96	
-03	WALL CONC. (GRADE BM)	30	CY	19.50	2.0	585		60	
-14	CRUSHER PIER CONC.	464	CY	19.50	2.4	9050		1136	
-05	GROUND SLAB CONC.	338	CY	19.50	.85	6590		287	
-06	STRUCTURAL SLAB CONC.	372	CY	19.50	3.2	7250		1190	
-07	FOOTING FORMS	1860	SF	.40	.2	745		372	
-08	PIER FORMS	1910	S.F.	.50	.4	955		764	
-09	WALL FORMS	2110	S.F.	.50	.4	1055		844	
-10	CRUSHER PIER FORMS	11550	S.F.	.60	.45	6930		5200	
-11	GROUND SLAB FORMS	710	S.F.	.20	.2	140		142	
-12	STRUCTURAL SLAB FORMS	11020	S.F.	.60	.45	6610		4960	
	TOTAL this SHEET	1424	CY			44190		15231	

SHEET NO. 25

PARSONS-JORDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 2 OF 2

M.T.O. BY

PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD BY

PROJECT: 30-61 FINE CRUSHING - CONC. (CONT.)

ACCOUNT NO.		QUANTITY	UNIT	COST/UNIT MATERIAL	COST/UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
-13	REINFORCING	221000	LBS.	.10	.015	22100		3315	
-14	66 x 66 WIRE MESH	91	SQ.	5.70	.8	520		73	
-15	EMBEDDED STEEL	9800	LBS.	.50	.03	4900		294	
	TOTAL CONCRETE - (MH)							18913 x 6.89	
	ADJUST					(10)			
	TOTAL CONCRETE - (#)	1424	C.Y.			71700		130300	202000

SHEET NO. 26

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 1

M.T.O. BY
PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 30-62 FINE CRUSHING - BUILDING

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
-01	STRUCTURAL STEEL	710000	LBS.	.23	.015	163300		7100	
-02	22 GA. ROOFING	196	SQ.	42.00	3.1	8190		604	
-04	24 GA. SIDING	771	SQ.	31.00	3.8	23900		2930	
-06	5# EXPANDED METAL	12000	LBS.	.28	.07	3360		840	
-06	1 1/4" x 3/16" BAR GRATING	9500	S.F.	2.45	.25	23275		2375	
-08	3070 MAN DOORS	4	EA.	200.00	5.0	800		20	
	6'x7' DOORS	3	EA.	400.00	10.0	1200		30	
-08	14'-0" x 14'-0" TRUCK DOOR	1	EA.	1400.00	50.0	1400		50	
-11	STAIR TREADS	470	EA.	8.00	.50	3760		235	
-12	CONVEYOR STEEL	430000	LBS.	.35	.011	150500		4730	
-13	ROOF VENTILATORS- 34" ϕ 7½ HP	2	EA.	1200.00	20.0	2400		40	
-14	SURGE BIN STEEL	265000	LBS.	.20	.014	53000		3710	
-15	C-1040 LINERS	115000	LBS.	.42	.01	48300		1150	
	CONCRETE BLOCK 8"	2550	S.F.	.37	.12	945		306	
	PRECAST CONCRETE ROOF	1010	S.F.	1.20	.05	1210		50	
	WINDOWS	135	S.F.	3.00	.15	405		20	
	SHEET TOTAL					485945		24190	

SHEET NO. 27

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET ___ OF ___

M.T.O. BY ___
PRICED BY ___
CKD. BY ___

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

PROJECT: 30-62 FINE CRUSHING - BUILDING

ACCOUNT NO.		QUANTITY	UNIT	COST/UNIT MATERIAL	COST/UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
	ADJUSTABLE WALL LOUVRES	325	S.F.	10.00	.10	3250		32	
	ROOF EXHAUST FAN 24"ϕ 7500 CFM 1½ HP	1	EA.	500.00	10.0	500		10	
	A/C UNIT FOR CONTROL ROOM 7½ T 7½ HP COMPR., 2 HP AIR FAN	1	EA.	9000.00	200.0	9000		200	
	EVAP. COOLER FOR ELEC. ROOM 4500 CFM 3 HP FAN 1 HP PUMP	1	EA	6800.00	50.0	6800		50	
	PLUMBING	L.S.				1000		100	
	TOTAL BUILDING (MH)							2458 × 7.99	
	ADJUST					5			
	TOTAL BUILDING ($)					506500		196400	702900

SHEET NO. 27A

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-CONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF

M.T.O. BY

PRICED BY

JOB NO.: 4837 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY C

PROJECT: 30-63 FINE CRUSHING - PROCESS EQUIP.

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
-01	30 TON BRIDGE CRANE (40, 7½, 20 H.P.)	1	EA.			53000		600	
-02	ELEVATOR - MANLIFT (7½)	1	EA.			30000		INCL.	
-03,04	7' SYMONS STD. CRUSHERS * (2-300HP)	2	EA.	148200	1500	296400		3000	
	DISCHARGE CHUTES	20600	LBS.	.48	.015	9900		309	
	A.R. LINER ℞.	21300	LBS.	.42	.01	9000		213	
-05,06	8'x 20' S.D. VIBRATING SCREENS (2-40HP)	2	EA.	19500.	150	39000		300	
	DISCHARGE CHUTES	60700	LBS.	.48	.015	29200		910	
	A.R. LINER ℞.	40700	LBS.	.42	.01	17100		407	
-07	36" CONVEYOR x 460' (100HP)	1	EA.			39600		2025	
	DISCHARGE CHUTES	7000	LBS.	.48	.015	3360		105	
	A.R. LINER ℞.	3600	LBS.	.42	.01	1510		36	
-08	36" CONVEYOR x 425' (150HP)	1	EA.			41100		1905	
	DISCHARGE CHUTES					—		—	
	A.R. LINER ℞.					—		—	
	TRIPPER	1	EA.			15500		315	
-09	500 TON SURGE BIN			IN BUILDING 30-62-14					
-10,11	VIBRATING FEEDERS (2-15H.P.)	2	EA.	5000	50	10000		80	
	DISCHARGE CHUTES	3000	LBS.	.48	.015	1440		45	
	A.R. LINER ℞.	1500	LBS.	.42	.01	630		15	
	FEED CHUTES	4500	LBS.	.48	.015	2160		68	
	A.R. LINER ℞	3000	LBS.	.42	.01	1260		30	
	TOTAL THIS SHEET					600160		10563	

SHEET NO. 28

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

F-34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 2 OF 2

M.T.O. BY
PRICED BY

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY

PROJECT: 30-63 - FINE CRUSHING - PROCESS EQUIP. (CONT.)

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
-12,13	36" BELT FEEDERS (2-5HP.)	2	EA.	5800	190.	11600		380	
	DISCHARGE CHUTES	7000	LBS.	.48	.015	3360		105	
	A.R. LINER ℞.					—		—	
-14,15	7' SYMONS SHORT HEAD CRUSHERS * (2-300HP)	2	EA.	156000	1580	312000		3160	
	DISCHARGE CHUTES (2-5HP)	20600	LBS.	.48	.015	9900		309	
	A.R. LINER ℞. (2-1HP)	21300	LBS.	.42	.01	8950		213	
-16,17	8' x 20' S.D. VIBRATING SCREENS (2-40HP)	2	EA.	19500.	150.	39000		300	
	DISCHARGE CHUTES	60700	LBS.	.48	.015	29200		910	
	A.R. LINER ℞	40700		.42	.01	17100		407	
-18	36" CONVEYOR x 590' (150HP)	1	EA.			51400		2700	
	DISCHARGE CHUTES	3000	LBS.	.48	.015	1440		45	
	A.R. LINER ℞.	2100	LBS.	.42	.01	880		21	
	DUST COLLECTOR - 4000 CFM (10HP)					3700		225	
-19	DUST COLLECTOR - 31800 CFM (75HP)					17800		835	
-26	DUST COLLECTOR - 54500 CFM (LOW) (125HP)					29600		1160	
-27	2½ x 2 SLURRY PUMP (5HP)					1010		30	
-20	FLOOR SUMP PUMP (5HP)	1	EA.			1135		40	
-21	ZINC FURNACE (½HP)	1	EA.			4250		50	
	DUCTWORK - INCL. 3300 CFM INP FAN					3400		160	
-22	MAGNET 36 *	1	EA.			4150		50	
-23	LOAD CELLS - 500 TON BIN (RAMSEY)	4	EA.			7800		120	
-25	SAMPLER (2-½HP)					3040		40	
-24	BELT SCALE - 36"	1	EA.			5200		125	
	TOTAL THIS SHEET					565915		11385	

SHEET NO. 29

PARSONS-JURDEN CORPORATION — ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 2A OF 2A M.T.O. BY ____ PRICED BY ____

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY ____

PROJECT: 30-63 FINE CRUSHING - PROCESS EQUIP. (ADDITION)

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
	3'D TERTIARY CRUSHER								
11A	VIBRATING FEEDER (15HP)	1	EA.			5000		40	
	DISCHARGE CHUTE	1500	LBS.	.48	.015	720		23	
	A.R. LINER ℞	800	LBS.	.42	.01	340		8	
	FEED CHUTE	2300	LBS.	.48	.015	1100		35	
	A.R. LINER ℞	1500	LBS.	.42	.01	630		15	
13A	36" BELT FEEDER (5HP)	1	EA.			5800		190	
	DISCHARGE CHUTE	3500	LBS.	.48	.015	1680		53	
	A.R. LINER ℞					—		—	
15A	7' SYMONS SHORT HEAD CRUSHER * (300HP)	1	EA.			156000		1580	
	DISCHARGE CHUTE	10300	LBS.	.48	.015	4950		155	
	A.R. LINER ℞	10700	LBS.	.42	.01	4500		107	
9A	ALLOW. FOR LARGER FEED BIN					—		—	
19A	ALLOW. FOR LARGER DUST COLLECTION (20HP)					—		—	
17A	8'x20' S.D. VIBRATING SCREEN. (40HP)	1	EA.			19500		150	
	DISCHARGE CHUTE	30400	LBS.	.48	.015	14600		455	
	A.R. LINER ℞	20400	LBS.	.42	.01	8550		204	
	ADJUST					55			
	ALLOW. FOR MISC. ADDITIONS					—		—	
	ALLOW. FOR INC. ELECTRICAL					—		—	
	TOTAL PROCESS EQUIP. (MH.)							24763	
								x 7.96	
	TOTAL PROCESS EQUIP. (#) (TOTAL HP)					1389500		197100	1586600

SHEET NO. 30

PARSONS-JURGEN CORPORATION ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET ___ OF ___ M.T.O. BY ___ PRICED BY ___

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY R

PROJECT: 30-64 FINE CRUSHING - PIPING

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
	TOTAL - PIPING					40000		2800	
	TOTAL PIPING (MH)							2800 × 9.31	
	TOTAL PIPING ($)					40000		26000	66000

SHEET NO. 31

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34R-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 1 OF 7

M.T.O. BY
PRICED BY
CKD. BY

JOB NO.: 4232 CLIENT: NEL

TYPE OF ESTIMATE

PROJECT: 30-65 FINE CRUSHING PLANT

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	MAN HRS.	TOTAL COST
-1	4160V STARTERS FOR SQ. CAGE MOTORS	5	EA.	4500	50	22500		250	
-2	4160V 300 HP SQ. CAGE MOTORS (TEFC.) - SETTING + CONNECTING	5	EA.	100	90	500		450	
-3	1000 KVA 13.8/4.16KV SUBSTATION	1	EA.	—	—	16500		160	
	1500 KVA 13.8/4.16KV SUBSTATION	1	EA.	—	—	18500		181	
-4	1000 KVA 13.8/.48 KV SUBSTATION	2	EA.	11000	115	22000		230	
-5	600 A 13.8 KV DISCONNECT SWITCH	2	EA.	2300	35	4600		70	
-6	30 KVA 480/208/120 LTG. TRANSF.	3	EA.	400	22	1200		66	
-7	5 KVA 480/120V REG. TRANSF.			—	—	—		—	
-8	400 WATT MERCURY VAPOR HI-BAY FIXTURE	50	EA.	110	4	5500		200	
-9	175 WATT MERCURY VAPOR FIXTURES	60	EA.	65	3	3900		180	
-10	EMERGENCY LTG. FIXTURES	5	EA.	125	2	625		10	
-11	42 CKT LTG. PNLS. with BREAKERS	6	EA.	155	45	930		270	
-12	480 V MOTOR CONTROL CENTERS (3)	1	LOT	—	—	13400		217	
-13	CONTROL STATIONS	50	EA.	20	3	1000		150	
-14	PULL + TERMINAL BOXES - INCLUDE IN CONDUIT			—	—	—		—	
	TOTAL THIS SHEET					111155		2434 MH.	

SHEET NO. 32

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 2 OF 7

M.T.O. BY
PRICED BY
CKD. BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

PROJECT: 30-65 (CONT.)

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
	480V MOTORS - SETTING + CONNECTING								
	150 HP	2	EA	80	40	160		80	
	100 HP	1	EA	70	36	70		36	
	60 HP	3	EA	50	30	150		90	
	20 HP	2	EA	20	16	140		32	
	15 HP	9	EA	16	9	145		81	
	7½ HP	4	EA	15	6	60		24	
	5 HP	8	EA	15	6	120		48	
	3 HP								
	1 HP	2	EA	15	6	30		12	
	3/c #6 5KV INSULATED CABLE								
	1/c #12 600 V INSULATED CABLE	40000	FT.	.038	.008	1520		320	
	" #10 " " "	8000	FT.	.047	.010	375		80	
	" #8 " " "	5000	FT	.075	.013	375		65	
	2/c #14 " " "	1000	FT	.130	.016	130		16	
	3/c #14 " " "	2000	FT	.155	.017	310		34	
	7/c #14 " " "	1000	FT	.280	.020	280		20	
	9/c #14 " " "								
	12/c #14 " " "	1000	FT	.522	.023	520		23	
	19/c #14 " " "	1000	FT	.667	.033	665		33	
	4/c #12 " " "	1000	FT	.253	.019	255		19	
	3/c #10 " " "								
	3/c #8 " " "								
	3/c #4 " " "								
	3/c #2 " " "								
	TOTAL this SHEET					5205		1013	

SHEET NO. 33

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 2A OF 7

M.T.O. BY
PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 30-65

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR	TOTAL COST
	480V MOTOR-SETTING + CONNECTING								
	125 H.P.	1	EA	70	36	70		36	
	75 H.P.	—		—	—	—		—	
	50 H.P.	—		—	—	—		—	
	25 H.P.	1	EA.	20	16	20		16	
	10 H.P.	1	EA	15	6	15		6	
	1½ H.P.	1	EA.	15	6	15		6	
	½ HP.	3	EA	15	6	45		18	
	15 KW (FOR MAGNET)	3	EA	10	6	30		18	
	12 KW	3	EA	10	6	30		18	
	1/c-#6 - 600 VOLT INSULATED CABLE	1500	FT	.102	.016	155		24	
	1/c-#4 - " " "	800	FT	.131	.017	105		14	
	1/c-#2 - " " "	300	FT	.178	.019	55		6	
	1/c-1/0 " " "	800	FT	.306	.028	245		22	
	1/c-2/0 " " "	1500	FT	.507	.033	760		50	
	1/c-3/0 " " "	800	FT	.603	.037	480		30	
	1/c-4/0 " " "	2400	FT	.754	.045	1810		108	
	1/c-350 MCM " " "	2000	FT	.910	.055	1820		110	
	1/c-#14 " " "	18500	FT	.030	.006	555		111	
	1/c #6 - 5KV INSULATED CABLE	4500	FT	.368	.027	1655		122	
	480V MOTOR-SETTING + CONNECTING								
	40 H.P.	6	EA.	35	30	210		180	
						8075		895 MH.	

SHEET NO. 33A

PARSONS-JURDEN CORPORATION ESTIMATE WORKSHEET

PJ34B-CONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 3 OF 7

M.T.O. BY
PRICED BY

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY

PROJECT: 30-65 (CONT.)

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
	3/C # 4/0 600V INSULATION CABLE								
	1/C # 500 MCM BARE COPPER (772#)	500	FT		.050	625		25	
	1/C # 2 AWG " " (144#)	700	FT		.020	120		14	
	1/C # 4/0 AWG " " (327#)	500	FT		.040	265		20	
	24" CABLE TRAYS	200	FT	5	.50	1000		100	
	18" CABLE TRAYS			—	—	—		—	
	12" CABLE TRAYS			—	—	—		—	
	GROUND CONN. 500 MCM TO VERTICAL STEEL SURFACE (CALDWELL)	50	EA.	4	1.5	200		75	
	GROUND CONN. 500 MCM TO 500 MCM (CALDWELL)	20	EA.	4.5	2.5	90		50	
	GROUND CONN. MCM TO #2AWG (CALDWELL)	20	EA.	2	1	40		20	
	P-1000 UNISTRUT - INCLUDED IN CONDUIT			—	—	—		—	
	TOTAL THIS SHEET					2340		304 MH	

SHEET NO. 34

PARSONS-JURDEN CORPORATION — ESTIMATE WORKSHEET

PJ34B-CONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 4 OF 7 M.T.O. BY PRICED BY

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY

PROJECT: 30-65 FINE CRUSHING PLANT

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
	IN PLANT COMMUNICATIONS								
	SPEAKERS WITH DRIVERS - UNIVERSITY	18	EA.	50		900			
	SPEAKERS AMPLIFIERS - GAI-TRONICS	18	EA.	50		900		140	
	HANDSET STATIONS "	11	EA.	90		990			
	LINE BAL. UNITS "	1	EA.	10		10			
	AIR COND. UNIT FOR CONTROL ROOM (INSTALLATION INCLUDED)		LOT						
	BATTERY RACK & CHARGER	1	EA.	—	—	4500		100	
	CRANE CONDUCTOR RAILS, 100 AMP	1030	FT	1.10	1-	1135		1030	
	INSULATORS FOR COND. RAILS	206	EA.	1-	.50	205		103	
	AIR WASHING UNIT	—		—	—	—		—	
	DUCTWORK FOR AIRWASHER	—	LOT	—	—	—		—	
	REVERSIBLE STARTERS FOR O.H. DOORS	2	EA.	150	6	300		12	
	PULL CORD SWITCHES DOUBLE END	12	EA.	50	15	600		180	
	100 AMP 3 POLE WELDING RECEPTACLES	4	EA.	45	4	180		16	
	LIGHT FIXTURES COMPL. WITH DOME & SHOCKABSORBERS	75	EA.	15	3	1125		225	
	TOTAL THIS SHEET					10845		1806 MH.	

SHEET NO. 35

PARSONS-JURGEN CORPORATION ESTIMATE WORKSHEET

PJ34B-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 5 OF 7 M.T.O. BY PRICED BY

JOB NO.: 4832 CLIENT: NEL TYPE OF ESTIMATE CKD. BY L.G.

PROJECT: 30-65 FINE CRUSHING PLANT (CONT.)

ACCOUNT NO.		QUANTITY	UNIT	COST/UNIT MATERIAL	COST/UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
	1/2" RIGID STEEL CONDUIT, FITTGS + SUPPORTS								
	3/4" " " "	11000	FT	.24	.105	2640		1155	
	1" " " "	3000	FT	.35	.13	1050		390	
	1 1/2" " " "	2500	FT	.53	.19	1325		475	
	2" " " "	1500	FT	.72	.245	1080		368	
	3" " " "			—	—	—		—	
	4" " " "	600	FT	224	.615	1345		369	
	5" " " "								
	13.8 KV TIE-BREAKER	1	EA.	—	—	10500		60	
	TOTAL THIS SHEET					17940		2817 MH.	

SHEET NO. 56

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 6 OF 7

M.T.O. BY
PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 30-65-FINE CRUSHING-INSTR. WIRING

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH	TOTAL COST
1	2 #14 SHIELDED WIRES	1860	FT.	.150	.016	280		30	
2	4 # 14 WIRES	1630	FT.	.182	.018	295		29	
3	8 # 14 WIRES	240	FT.	.308	.020	75		5	
4	2 # 14 WIRES	780	FT.	.130	.016	100		12	
5	3/4" CONDUIT	4270	FT.	.24	.105	1025		448	
6	1" CONDUIT	240	FT	.35	.13	85		31	
	TOTAL THIS SHEET					1860		555 MH	

SHEET NO. 37

PARSONS-JURDEN CORPORATION

ESTIMATE WORKSHEET

PJ348-DONLYN PRINTED IN U.S.A.

DATE 3-71 SHEET 7 OF 7

M.T.O. BY

PRICED BY

JOB NO.: 4832 CLIENT: NEL

TYPE OF ESTIMATE

CKD. BY

PROJECT: 30-65 FINE CRUSHING - ELEC. - (SUMMARY)

ACCOUNT NO.		QUANTITY	UNIT	COST UNIT MATERIAL	COST UNIT LABOR	MATERIALS AND EXPENSE	SUB CONTRACTS	LABOR MH.	TOTAL COST
	PG. 1					111155		2434	
	2					5205		1013	
	2A					8075		895	
	3					2340		304	
	4					10845		1806	
	5					17940		2817	
	6					1860		635	
	TOTAL MH.							9824 MH.	
	LABOR @ 13.00/HR SUB-CONTRACT						127712		
	TOTAL $ & LABOR					157420	127712		
	ADJUST					(20)	(12)		
	USE					157400	127700		285100
	TRANSFER TO 20-65					(4000)	(7000)		(11000)
	TRANSFER TO 40-65					(5000)	(8000)		(13000)
	TOTAL ELEC. AREA 30-65 ELEC.					148400	112700		261100

SHEET NO. 38