

ESTIMATED PHASED CAPITAL EXPENDITURE ON P&M - WORKSHOP

(AMT IN RS. LAKHS)

Sl No	PARTICULARS	AS PER SANCTIONED REPORT		AS PER REVISED REPORT		EXISTING AS ON 31.3.00		BALANCE PROVISION		PHASING OF CAPITAL		TOTAL VARIANCE
		No	AMT	No	AMT	No	AMT	No	AMT	1st Yr	2nd Yr	
1	2	3	4	5	6	7	8	9	10	11	12	13
6	MISC. TOOLS AND JACKETS FOR DIFFERENT SHOPS	LS	0.45	LS	0.57			LS	0.57	0.17	0.40	0.12
7	WORKING TABLE, BENCHES, CABINETS PART STORING RACKS, HAND TROLLEYS ETC. FOR SHOP FLOORS	LS	0.15	LS	0.21			LS	0.21	0.11	0.10	0.06
8	CHAIN PULLEY BLOCK CAP-10 Tc	1	0.18	1	0.30		0.71	1	0.30	0.30		0.12
	SUB-TOTAL AMOUNT		2.98		4.48				3.77	1.00	2.77	1.50
	WASHING STATION											
1	HIGH PRESSURE WATER AND STEAM JET WASHING UNIT FOR DUMPER	2	3.58	2	8.26	1	4.59	1	3.67		3.67	4.68
2	HIGH PRESSURE WATER AND STEAM JET WASHING UNIT FOR DOZER	1	1.79	1	4.61	1	4.61					2.82
	SUB-TOTAL AMOUNT		5.37		12.87		9.20		3.67		3.67	7.50
	HEAVY REPAIR SHOP											
1	POWER OPERATED HYDRAULIC PRESS FOR DISMANTLING AND ASSEMBLY WORK, CAP-100 Tc.	1	0.90	1	1.87			1	1.87		1.87	0.97
2	PULLER DRILL, DRILLING CAPACITY IN STEEL, 25 mm, POWER-2.5 kw	1	0.42	1	0.22			1	0.22	0.22		-0.20
3	HYDRAULIC BEARING PULLER KIT	1	0.13	1	0.23			1	0.23		0.23	0.10
4	HYDRAULIC JACK, CAPACITY-50 Tc.	2	0.38	2	0.68			2	0.68	0.34	0.34	0.30
5	PORTABLE HAND DRILL, 13mm, POWER-0.55 kw	2	0.08	2	0.14			2	0.14	0.07	0.07	0.06

20/4/18

PROJECT OFFICER
PAREJ EAST PROJECT

ESTIMATED PHASED CAPITAL EXPENDITURE ON P&M - WORKSHOP

1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222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09/4/9/18

PROJECT OFFICER
PAREJ EAST PROJECT

PROJECT REPORT FOR PAREJ EAST O.C.P [1.75 MTY.]

ESTIMATED PHASED CAPITAL EXPENDITURE ON P&M - WORKSHOP

(AMT IN RS. LAKHS)

Sl No	PARTICULARS	AS PER SANCTIONED REPORT		AS PER RPR		EXISTING AS ON 31.3.00		BALANCE PROVISION		PHASING OF CAPITAL		TOTAL VARIANCE
		No	AMT	No	AMT	No	AMT	No	AMT	1st Yr	2nd Yr	
1	2	3	4	5	6	7	8	9	10	11	12	13
5	WORKING TABLE, BENCHES, CABINETS, PART STORING RACKS, HAND TROLLEYS ETC. FOR SHOP FLOORS	LS	1.00	LS	1.26			LS	1.26	0.38	0.88	0.26
6	FIRE FIGHTING EQUIPMENT	LS	1.00	LS	1.40			LS	1.40	0.30	1.10	0.40
7	H.O.T. CRANE CAP - 5 Tn	1	0.80	1	1.41			1	1.41		1.41	0.61
8	MECHANICS TRUCK	1	6.64	1	12.99			1	12.99	12.99		6.35
9	DIESEL GENERATING SET CAP - 200 KVA	1	7.98	1	2.45	1	2.45					-5.53
	SUB-TOTAL AMOUNT		25.31		33.16		2.45		30.71	19.09	11.62	7.85
	TOTAL		133.28		198.71		35.29		163.42	31.00	132.42	65.43
MISCELLANEOUS												
1	INSTALLATION CHARGES	LS	6.67	LS	8.17			LS	8.17	1.55	6.62	1.50
2	ELECTRICALS, ILLUMINATIONS, COMMUNICATIONS ETC. FOR W/S	LS	53.31	LS	48.12	LS	7.26	LS	40.86	7.75	33.11	-5.20
	SUB-TOTAL AMOUNT		59.98		56.29		7.26		49.03	9.30	39.73	-3.69
	GRAND TOTAL		193.26		255.00		42.55		212.45	40.30	172.15	61.74

(B) E&M WORKSHOP

MACHINE SHOP												
1	HEAVY DUTY CENTRE LATHE, C.H.-260 MM, D.B.C.-2000 MM, POWER-11 KW	1	5.16	1	10.37			1	10.37		10.37	5.21

PROJECT OFFICER
PAREJ EAST PROJECT

PROJECT REPORT FOR PAREJ EAST O.C.P. [1.75 MTY.]

ESTIMATED PHASED CAPITAL EXPENDITURE ON P&M - WORKSHOP

[AMT IN RS. LAKHS]

Sl No	PARTICULARS	AS PER SANCTIONED REPORT		AS PER REVISED REPORT		EXISTING AS ON 31.3.00		BALANCE PROVISION		PHASING OF CAPITAL		TOTAL VARIANCE
		No	AMT	No	AMT	No	AMT	No	AMT	1st Yr	2nd Yr	
1	2	3	4	5	6	7	8	9	10	11	12	13
5	WORKING TABLE, BENCHES, CABRIETS, PART STORING RACKS, HAND TROLLEYS ETC FOR SHOP FLOORS	LS	1.00	LS	1.26			LS	1.26	0.38	0.88	0.26
6	FIRE FIGHTING EQUIPMENT	LS	1.00	LS	1.40			LS	1.40	0.30	1.10	0.40
7	H.O.T CRANE CAP. 5 Tn	1	0.80	1	1.41			1	1.41		1.41	0.61
8	MECHANICS TRUCK	1	6.64	1	12.99			1	12.99	12.99		6.35
9	DIESEL GENERATING SET CAP. 200 KVA	1	7.98	1	2.45	1	2.45					-5.53
	SUB-TOTAL AMOUNT		25.31		33.16		2.45		30.71	19.09	11.62	7.85
	TOTAL		133.28		198.71		35.29		163.42	31.00	132.42	65.43
MISCELLANEOUS												
1	INSTALLATION CHARGES	LS	6.67	LS	8.17			LS	8.17	1.55	6.62	1.50
2	ELECTRICALS, ILLUMINATIONS, COMMUNICATIONS ETC. FOR W/S	LS	53.31	LS	48.12	LS	7.26	LS	40.86	7.75	33.11	-5.20
	SUB-TOTAL AMOUNT		59.98		56.29		7.26		49.03	9.30	39.73	-3.69
	GRAND TOTAL		193.26		255.00		42.55		212.45	40.30	172.15	61.74

(B) E&M WORKSHOP

MACHINE SHOP												
1	HEAVY DUTY CENTRE LATHE, C.H.-260 MM, D.B.C.-2000 MM, POWER-11 KW	1	5.16	1	10.37			1	10.37		10.37	5.21

PROJECT OFFICER
PAREJ EAST PROJECT

4/8/18

PROJECT REPORT FOR PAREJ EAST O.C.P [1.75 MTY.]

ESTIMATED PHASED CAPITAL EXPENDITURE ON P&M • WORKSHOP

APPENDIX - A.3.2

	1	2	3	4	5	6	7	8	9	10	11	12
3	PILLER DRILLING MACHINE, CAP. IN STEEL-25 MM, POWER-2.5 KW	1	0.42	1	0.22	1	0.22	1	0.22	0.22	-0.20	
4	DOUBLE ENDED PEDESTAL GRINDER, WHEEL DIA-300 MM, POWER - 0.66 KW	1	0.18	1	0.23	1	0.23	1	0.23	0.23	0.05	
5	POWER HACKSAW CUT ROUND UPTO 300 MM, POWER- 1.5 KW	1	0.49	1	0.94	1	0.94	1	0.94	0.94	0.45	
6	MISC. TOOLS AND TACKLES	LS	0.25	LS	0.41	LS	0.41	LS	0.41	0.21	0.20	0.16
	SUB-TOTAL AMOUNT		7.77		14.17		14.17		14.17	3.38	10.79	6.40

ELECTRICAL REPAIR SHIP

1 AUTOMATIC COIL WINDING MACHINE,
X-SECTION OF CONDUCTOR 0.05 TO 3MM

PROJECT OFFICER
PAREJ EAST PROJECT

PROJECT REPORT FOR PAREJ EAST O.C.P [1.76 MTY.]

APPENDIX - A.3.2

ESTIMATED PHASED CAPITAL EXPENDITURE ON P&M - WORKSHOP

[AMT IN RS LAKHS]

Sl No	PARTICULARS	AS PER SANCTIONED REPORT No	AMT	AS PER PRR No	AMT	EXISTING AS ON 31.3.00 No	AMT	BALANCE PROVISION No	AMT	PHASING OF CAPITAL 1st Yr	2nd Yr	TOTAL VARIANCE
1		3	4	5	6	7	8	9	10	11	12	13
2	MOTOR LIFTING FURNACE WITH TEMP RANGE 0-200 DEG C WITH ALL ACCESSORIES	1	0.60	1	0.95			1	0.95		0.95	0.35
3	BATTERY CHARGING SET - 12 VOLTS	1	0.13	1	0.20			1	0.20		0.20	0.07
4	WATER DISTILLATION PLANT, SLITS/HR	1	0.13	1	0.08			1	0.08		0.08	-0.05
5	CABLE FAULT DETECTOR	1	0.13	1	0.15			1	0.15	0.15		0.02
6	SET OF ELECTRICAL MEASURING AND TESTING INSTRUMENT	LS	0.50	LS	0.63			LS	0.63	0.33	0.30	0.13
7	TRANSFORMER OIL DIELECTRIC STRENGTH KIT WITH GLASS TEST CELL	1	0.31	1	0.34			1	0.34		0.34	0.03
8	TRANSFORMER OIL FILTRATION! M/C CAP 500 GPH	1	0.60	1	1.03			1	1.03		1.03	0.43
9	WORKING TABLES, BENCHES, CABINETS, PARTS, STORING RACKS, HAND TROLLEYS ETC.	LS	0.15	LS	0.21			LS	0.21	0.11	0.10	0.06
	SUB TOTAL AMOUNT		2.81		4.00				4.00	0.59	3.41	1.19
MECHANICAL REPAIR SHOP												
1	POWER OPERATED HYDRAULIC PRESS FOR DISMANTLING AND ASSEMBLY WORK, CAP - 50 TE	1	0.61	1	1.30			1	1.30	1.30		0.69
2	TRANSFORMER WELDING SET, 400A	2	0.38	2	0.58			2	0.58	0.29	0.29	0.20
3	M.G. WELDING SET 400A	1	0.63	1	1.22	1	1.22					0.59

PROJECT OFFICER
PAREJ EAST PROJECT

20/11/18

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ESTIMATED PLASSED CAPITAL EXPENDITURE ON P&M - WORKSHOPS

PHASIS OF CAPITAL TOTAL VARIANCE

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PROJECT OFFICER
PAREJ EAST PROJECT

04/03/18

PROJECT REPORT FOR PAREJ EAST O.C.P [1.75 MTY.]

ESTIMATED PHASED CAPITAL EXPENDITURE ON P&M - WORKSHOP

[AMT. IN RS. LAKHS]

Sl No.	PARTICULARS	AS PER SANCTIONED REPORT		AS PER RPR. 1971		EXISTING AS ON 31.3.00		BALANCE PROVISION		PHASING OF CAPITAL		TOTAL VARIANCE
		No.	AMT.	No.	AMT.	No.	AMT.	No.	AMT.	1st Yr.	2nd Yr.	
1		3	4	5	6	7	8	9	10	11	12	13
	MISCELLANEOUS											
1	INSTALLATION CHARGES	LS	0.87	LS	1.33			LS	1.33	0.33	1.00	0.46
2	ELECTRICALS ILLUMINATION, COMMUNICATION ETC. FOR W/S	LS	4.34	LS	12.75	LS	6.10	LS	6.65	1.66	4.99	8.41
			5.21		14.08		6.10		7.98	1.99	5.99	8.87
	SUB-TOTAL AMOUNT		22.58		44.17		9.59		34.58	8.63	25.95	21.59
	GRAND TOTAL											

20/4/8/18

PROJECT OFFICER
PAREJ EAST PROJECT

45

REF: FOR PARE EAST OCT 1991

ESTIMATE OF PHASED CAPITAL EXPENDITURE ON P & M PROGRAM FOR 1988-1991

APPENDIX A.3.3

AMOUNT IN \$ MIL

SL NO	PARTICULAR	PROPOSED		PROPOSED		EXISTING		BALANCE PROVISION		PHASING		
		AS PER SANCTIONED PR QTY	COST	AS PER THIS PR QTY	COST	AS ON 31.3.2001 QTY	COST	QTY	UNIT COST	TOTAL COST	1ST YEAR QTY	2ND YEAR QTY
1	540 CUM/HR X 100 M HEAD X 220 KW TEFC - 3.3 KV MOTOR & STARTER	4	2284.00	4	4457.96	1	743.00	3	1228.32	3714.96	0	3
2	300 CUM/HR X 100 M HEAD X 120 KW TEFC - 3.3 KV MOTOR & STARTER	3	1194.00		1815.51	2	700.00	1	1115.51	1115.51	1	0
3	150 CUM/HR X 100 M HEAD WITH ALL ACCESSORIES (DIESEL DRIVEN)	3	393.00		1269.36	3	423.12	1	423.12	1269.36	1	2
4	50 CUM/HR X 45 M HEAD X 30 KW TEFC - 440 V MOTOR & STARTER (SLURRY PUMP)	2	196.00		410.3	2	205.15	1	205.15	410.30	1	1
5	50 CUM/HR X 45 M HEAD X 15 KW TEFC - 440 V MOTOR & STARTER (FACE PUMP)	4	244.00		377.56	2	101.26	2	138.15	276.30	1	1
6	50 CUM/HR X 16 M HEAD X 4.5 KW TEFC - 440 V MOTOR & STARTER (PRIMING PUMP)	4	56.00		341.88	4	85.47	1	85.47	341.88	1	3
	SUB-TOTAL AMOUNT		4347.00		8672.57		1544.26		7128.31	1967.40		5160.91

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16/11/91

PROJECT OFFICER
PARE EAST PROJE

R P R FOR PAREJ EAST PROJECT (175 MTR)

APPENDIX A.3.3

ESTIMATED PROPOSED CAPITAL EXPENDITURE ON P & M EQUIPMENT, PIPES & FITTINGS

(AMOUNT IN RS. '000)

Sl NO	PARTICULAR	PROVISION AS PER SANCIONED R P R		PROVISION AS PER THIS R P R Feb 2001		EXISTING AS ON 31.3.2000		BALANCE PROVISION			PHASING			
		QTY	COST	QTY	COST	QTY	COST	QTY	UNIT COST	TOTAL COST	1ST YEAR QTY	COST	2ND YEAR QTY	COST
7.	STEEL PIPE OF INTERNAL DIAMETER 300 MM (IN KM)	2.0	1526.00	2.0	4521.6			2.0	2260.80	4521.60	0.0	0.00	2.0	4521.60
8.	STEEL PIPE OF INTERNAL DIAMETER 250 MM (IN KM)	1.0	596.00	1.0	1642.9			1.0	1642.85	1642.85	1.0	1642.85	0.0	0.00
9.	G.I. PIPE OF INTERNAL DIAMETER 80 MM (IN KM)	2.0	444.00	2.0	787.8			2.0	393.88	787.76	1.0	393.88	1.0	393.88
	SUB-TOTAL AMOUNT		2566.00		6952.2					6952.21		2036.73		4915.48
10.	VALVES, FITTINGS, BENDS, ARMoured SUCTION & DELIVERY HOSES ETC.	LS	256.60		695.2			LS		695.22	LS	203.67	LS	491.55
	GRAND TOTAL		7169.60		16320.0		1544.26			14775.74		4207.80		10567.94

20/4/18

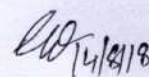
PROJECT OFFICER
PAREJ EAST PROJECT

PROJECT REPORT FOR PAREJ EAST OCP [1.75 MTY]
 SUMMARY STATEMENT OF CAPITAL EXPENDITURE ESTIMATE FOR P&M
 COAL HANDLING PLANT

[Amount in Rs Lakhs]

S. NO.	PARTICULARS	COST	P H A S I N G		
			1	2	3
1	2	3	4	5	6
A	CONVEYOR	18.40	18.40		
B	BELTING	5.80		5.80	
C	EQUIPMENT	107.60	101.60	6.00	
D	ELECTRICALS	31.50	30.00	1.50	
E	ERECTION	16.30	15.00	1.30	
F	CIVIL & STRUCTURALS	84.20	50.50	33.70	
G	DESIGN, ENGG. & AUTHOR'S SUPERVISION	6.60	5.40	1.20	
H	S U B T O T A L	270.40	220.90	49.50	
I	TURNKEY EXECUTION	39.50	32.30	7.20	
J	T O T A L	309.90	253.20	56.70	
K	ENVIRONMENTOL PROTECTION MEASURES	70.00	40.00	30.00	
	G R A N D T O T A L	379.90	293.20	86.70	

FEB, 2001



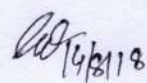
PROJECT OFFICER
 PAREJ EAST PROJECT

PROJECT REPORT FOR
 PAREJ EAST OCP [1.75 MTY]
 [A]. STATEMENT SHOWING THE PHASED CAPITAL EXPENDITURE ON P&M : CHP

[CONVEYOR]

[Amount in Rs.'000]

S. NO.	PARTICULARS	TOTAL QTY	UNIT COST	TOTAL COST	PHASING		
					Yr 1	Yr 2	Yr 3
	2	3	4	5	6	7	8
1	Conveyor Dgn. : C1	1	1840	1840	1840		
	Width in mm : 1000						
	Length in m : 130						
	Power in kW : 1X55						
				1840	1840		
	TOTAL						



PROJECT OFFICER
 PAREJ EAST PROJEC

PROJECT REPORT FOR

PAREJ EAST OCP [1.75 MTY]

[B] STATEMENT SHOWING THE PHASED CAPITAL EXPENDITURE ON P&M : CHP

[BELTING]

[Amount in Rs.'000]

SL. NO.	PARTICULARS	TOTAL QTY	UNIT COST	TOTAL COST	PHASING		
					1	2	3
1	2	3	4	5	6	7	8
	Width of Belt,mm : 1000	280	2.08	580		580	
	Type of Belt : NN						
	Type of Carcass : 500/3						
	TOTAL			580		580	

PROJ
[C] STATISL. PART I
NO.

2

Feeder &
HopperL.D Rec
300 tphMotoris
Lift 30mMetal C
for BWDust
SuppreBelt W
ScalePlant
Fire FWear
LinersMisce
includ
tools
pulle
tools

T O

AD 14/10/18

**PROJECT OFFICER
PAREJ EAST PROJECT**

PROJECT REPORT FOR PAREJ EAST OCP [1.75 MTY]

[C] STATEMENT SHOWING THE PHASED CAPITAL EXPENDITURE ON P&M:CHP

[EQUIPMENT]

[Amount in Rs.'000]

PARTICULARS	TOTAL QTY	UNIT COST	TOTAL COST	PHASING		
				Yr 1	Yr	Yr
2	3	4	5	6	7	8
Feeder Breaker, 65cu.m. Hopper, T'put Cap. 500 tph	1	7340	7340	7340		
L.D Reciprocating Feeder 300 tph, 7.5 kW	2	240	480	480		
Motorised Hoist, 5t Lift 30m	1	310	310	310		
Metal Detector for BW 1400mm	1	270	270	270		
Dust Suppresion	1	320	320	320		
Belt Weighing Scale	1	540	540	540		
Plant Safety and Fire Fighting System	LS	---	500	300	200	
Wear Resistent Liners	LS	---	500	300	200	
Miscellaneous Items including spare parts, tools & tackles, chain pulley blocks, machine tools etc	LS	---	500	300	200	
TOTAL			10760	10160	600	

20/6/18

PROJECT OFFICER
PAREJ EAST PROJECT

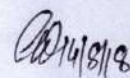
PROJECT REPORT FOR PAREJ EAST OCP [1.75 MTY]

[F] STATEMENT SHOWING THE PHASED CAPITAL EXPENDITURE ON P&M :CHP

[CIVIL & STRUCTURALS]

[Amount in Rs.'000]

Sl. No.	PARTICULARS	TOTAL QTY	UNIT COST	TOTAL COST	PHASING		
					Yr 1	Yr 2	Yr 3
1	2	3	4	5	6	7	8
	Conveyor Gantries Inclined Roof Type	LS	---	3450			
	Feeder Breaker Installation	1	830	830			
	Control & Weighment House	1	390	390			
	Truck Loading Hopper Cap.-100 t	2	1330	2660			
	General Development in CHP Area	LS	---	170			
	Soil Investigation & Hydrogeological Data	LS	---	170			
	CHP Office Building, Sanitation etc.	LS	---	550			
	Contingencies	LS	---	200			
TOTAL				8420	5050	3370	



PROJECT OFFICER
PAREJ EAST PROJECT

RPR FOR PAREJ EAST OCP (1.75 MTY)

Statement showing Estimated investment on Vehicle

Appendix A.6

(Amount in Rs. Lakhs)

(Amount in Rs. Lakhs)											
Sl. No.	Particulars	As per Sanctioned		As per RPR Feb, 2001		Existing as on 31.03.00		Balance Provision		YEAR 00-01	Variance
		Report									
		No.	Amt.	No.	Amt.	No.	Amt.	No.	Amt.		
1.	Car	1	1.37	1	1.10	1	1.10				-0.27
2.	Jeep with Trailor	7	12.60	7	25.90	3	12.30	4	13.60	13.60	13.30
3.	Diesel Truck	4	18.20	4	24.74	2	12.04	2	12.70	12.70	6.54
4.	Explosive Van	1	4.55	1	4.98	1	4.98				0.43
5.	School Bus	1	5.88	1	6.69	1	6.69				0.81
6.	Cash Van	1	4.53	1	4.36	1	4.36				-0.17
7.	Canteen Van	1	4.15	1	5.20			1	5.20	5.20	1.05
8.	Ambulance	1	1.97	1	3.83	1	3.83				1.86
9.	Motor Cycle	1	0.25	1	0.35	1	0.35				0.10
	TOTAL	18	53.50	18	77.15	11	45.65	7	31.50	31.50	23.65

20/4/2018
PROJECT OFFICER
PAREJ EAST PROJECT

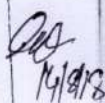
August'2000

Parej East OCP (1.75 MTY)

Revised Estimated Capital for Capital Outlay in Mines

(Amount in Rs. lakhs)

Sl. No.	Particulars	As per Sanctioned Report.	As per RPR, 1.7.2000	Existing assets as on 31.3.2000	Balance Provision	Phasing of Capital		Total variance	Reasons for variance
						1st Yr.	2nd Yr.		
1.	Compensatory Afforestation.	31.53	189.63	-	189.63	120.00	69.63	158.10	Cost Escalation
2.	Land Development for Industrial area.	4.18	7.52	-	7.52	5.00	2.52	3.34	Cost Index
3.	Land Development for colony area.	36.35	65.28	8.52	56.76	35.00	21.76	28.93	Cost Index
4.	Community Development	22.74	40.83	34.66	6.17	5.00	1.17	18.09	Cost Index
5.	Rehabilitation	83.30	60.18	32.53	27.65	20.00	7.65	(-)23.12	Reduction in no. of families
6.	Economic Compensation	38.40	38.40	-	38.40	20.00	18.40	-	-
7.	Agriculture	10.00	17.96	-	17.96	10.00	7.96	7.96	Cost Escalation
8.	Biological Resource Generation	24.00	24.00	-	24.00	10.00	14.00	-	-
9.	Base Line Data	5.00	5.00	-	5.00	5.00	-	-	-
	Total	255.50	448.80	75.71	373.09	230.00	143.09	193.30	-


PROJECT OFFICER
PAREJ EAST PROJ.

RPR FOR PAREJ EAST OCP(1.75 MTY)

Statement showing estimated Capital Expenditure on Roads & Culverts

Appendix A.8.2

(Amount in Rs. Lakhs)

Sl. No.	Particulars	As per sanctioned P.R.	As per F.P.R. Feb, 2001	Existing on 31.3.2000	As Balance	Phasing		Total Variance	Reasons for variance due to price escalation	
						1st Yr.	2nd yr.		Within approved Project time cycle	Beyond approved project time cycle
1	Roads & Culverts	319.26	498.42	120.95	377.47	150.00	227.47	179.16	179.16	-


 14/8/18
 PROJECT OFFICER
 PAREJ EAST PROJE

RPR FOR PAREJ EAST OCT(0.75 MTY)

Appendix A 8 2(a)

Statement showing estimated Capital Expenditure on Road & Culverts

(Amount in Rs. Lakhs)

Sl. No.	Particulars	Sanctioned P.R. Provision		Existing As on 31.3.2000		Balance		Total As per RPR	
		Length (KM)	Cost	Length (KM)	Cost	Length (KM)	Cost	Length (KM)	Cost
1.	App Road to colony	2.00	44.92	1.00	13.43	1.00	21.43	2.00	34.86
2	App.Road to Project & W/S	1.00	21.35	1.00	32.04	-	0.00	1.00	32.04
3	App Road to Magazine	2.50	29.77	-	0.00	2.50	52.20	2.50	52.20
4	Colony Road	5.00	53.51	1.00	11.50	4.00	77.05	5.00	88.55
5	Haul Road	3.50	109.07	1.50	63.98	2.00	117.63	3.50	181.61
	Road Diversion		60.64	-	0.00		109.16		109.16
	Total		319.26		120.95		377.47		498.42

PROJECT OFFICER
PAREJ EAST PROJECT

RPR FOR PAREJ EAST OCP (1.75 MTY)

Appendix A 8.3

Statement showing estimated Capital Expenditure on Water Supply & Sewerage

(Amount in Rs. Lakhs)

Sl. No.	Particulars	As Sanctioned P.R.	As per RPR (2001)	Existing As on 31.03.2000	Balance	Phasing		Total Variance	Reasons for variance due to price escalation	
						1st yr	2nd Yr.		Within approved Project time cycle	Beyond approved project time cycle
1	Water Supply & Sewerage	295.52	444.79	124.25	320.54	150.00	170.54	149.27	149.27	-

[Signature]

PROJECT OFFICER
PAREJ EAST PROJECT

FOR PAREJ EAST OCCUPANCY

Appendix A 8.3(a)

Statement showing estimated Capital Expenditure on Water Supply & Sewerage

(Amount in Rs. Lakhs)

Sl. No.	Particulars	Sanctioned P.R. Provision	Existing Provision 31.03.2000	Balance	Total As per R.P.R. 2001
1.	Colony Water Supply	173.91	87.13	168.47	255.60
2.	Ind. Water Supply	44.18	24.05	36.23	60.28
3.	Ind. Sewerage	46.80	13.07	60.71	73.78
4.	Colony sewerage	30.63	0.00	55.13	55.13
	Total	295.52	124.25	320.54	444.79

14/8/18

PROJECT OFFICER
PAREJ EAST PROJECT

PAREJ EAST OCP[1.75 MTY]

ESTIMATED WAGES & SALARIES

(Amount in Rs. Lakhs)

S. NO.	GRADE/SCALE	UNIT WAGE	O.B		COAL		COMMON		RECLAMAT.		TOTAL	
			NO.	AMT.	NO.	AMT.	NO.	AMT.	NO.	AMT.	NO.	AMT.
1	GRADE SP	1.50065	-	-	-	-	-	-	-	-	32	45.90
2	GRADE A	1.43453	24	34.43	7	10.04	1	1.43	-	-	89	120.41
3	GRADE B	1.35288	30	40.59	10	13.53	45	60.88	4	5.41	179	227.54
4	GRADE C	1.27117	103	130.93	16	20.34	60	76.27	-	-	63	74.49
5	GRADE D	1.18240	7	8.28	-	-	56	66.21	-	-	74	78.36
6	GRADE E	1.05896	-	-	-	-	74	78.36	-	-	90	83.84
7	CAT I	0.93156	3	2.79	6	5.59	75	69.87	6	5.59	109	108.46
8	CAT II	0.99501	12	11.94	6	5.97	91	90.55	-	-	21	21.88
9	CAT III	1.04176	-	-	13	13.54	8	8.33	-	-	22	23.83
10	CAT IV	1.08310	5	5.42	6	6.50	11	11.91	-	-	41	47.04
11	CAT V	1.14734	-	-	-	-	41	47.04	-	-	-	-
12	CAT VA	0.00000	-	-	-	-	16	19.85	-	-	16	19.85
13	CAT VI	1.24088	-	-	-	-	20	19.42	-	-	20	19.42
14	RS 1743-2247	0.97101	-	-	-	-	-	-	-	-	-	-
15	RS 1781-2383	1.03462	-	-	-	-	18	18.95	-	-	18	18.95
16	RS 1806-2478	1.05294	-	-	-	-	21	22.94	-	-	32	34.96
17	RS 1826-2666	1.09248	7	7.65	4	4.37	57	68.76	-	-	61	73.59
18	RS 1905-3313	1.20636	2	2.41	2	2.41	27	35.45	-	-	27	35.45
19	RS 1990-3670	1.31304	-	-	-	-	29	40.01	-	-	32	44.15
20	RS 2064-4048	1.37982	-	-	3	4.14	12	17.73	1	1.48	13	19.21
21	RS 2220-4240	1.47788	-	-	-	-	2	3.77	-	-	2	3.77
22	RS 4000-7150	1.88382	-	-	-	-	17	37.23	-	-	17	37.23
23	RS 5000-8275	2.19029	-	-	-	-	10	23.73	1	2.37	11	26.11
24	RS 6000-9425	2.37320	-	-	-	-	6	14.92	1	2.49	7	17.40
25	RS 7000-9600	2.48599	-	-	-	-	3	8.26	-	-	3	8.26
26	RS 7500-9900	2.75223	-	-	-	-	1	3.04	-	-	1	3.04
27	RS 8250-10050	3.04124	-	-	-	-	-	-	-	-	-	-
28	RS 9000-10500	3.14389	-	-	-	-	-	-	-	-	-	-
29	RS 9500-11500	3.31188	-	-	-	-	-	-	-	-	-	-
SUB TOTAL			193	244.43	73	86.43	701	844.95	13	17.34	980	1193.15
NPA & CHARGE ALLOWANCE											0.28	
GRAND TOTAL											1193.43	

TOTAL MANSHIFT(OLD)= 258720

OMS(OLD)= 6.76

EMS(Rs.)= 461.28

ADP/1/8/18
PROJECT OFFICER
PAREJ EAST PROJECT

RPR FOR PAREJ EAST OCP (1.75 MTY)

APPENDIX - C

STATEMENT SHOWING ESTIMATED COST OF PRODUCTION
AND PROFITABILITY

RATED OUTPUT (MT)	1.75
PEAK OB (M.Cu.m.)	5.53
AVE.STR.RATIO (Cu.m/t)	2.85
MANPOWER	980
INVESTMENT (Rs.Crores)	162.88

(A) COST OF PRODUCTION

SL NO.	ELEMENTS OF COST	OVERALL COST (Rs./T)			COST OF PRODUCTION (Rs.)		
		TOTAL	FIXED	VARIABLE	COAL COST PER TONNE	OB COST PER Cu.m.	COMMON COST PER TONNE
1	WAGES	67.19	67.19		4.94	4.90	48.28
2	STORES	106.42	26.60	79.81	16.83	29.62	5.16
3	POWER	19.04	14.28	4.76	9.66	2.57	2.06
4	MISC. EXPENDITURE	25.50	10.20	15.30	12.03	3.05	4.79
5	ADMN. CHARGES	40.00	40.00		8.96	7.02	11.03
6	INT. ON WORKING CAPITAL	15.92	9.76	6.16	3.23	2.91	4.40
7	DEPRECIATION	77.67	77.67		12.01	17.41	16.05
8	INT. ON LOAN CAPITAL	20.55	20.55		5.12	4.00	4.03
9	TOTAL DIRECT COST	372.29	266.25	106.03	72.79	71.48	95.79
10	APPORTIONED COMMON COST				17.68	27.41	
11	COST INCLUDING APPOR. COST				90.47	98.88	
12	OB CHARGED OFF				281.82		
13	TOTAL COST				372.29		
14	RECLAMATION COST	8.04	5.75	2.29	8.04		
15	ALL INCLUSIVE COST	380.33	272.01	108.33	380.33		

(B) PROFITABILITY

SL NO.	DESCRIPTION	AT 100%	AT 85%
1	RATED OUTPUT (MT)	1.75	1.49
2	COST OF PRODUCTION (Rs./t)	380.33	428.33
3	SELLING PRICE (Rs./t)	632.76	632.76
4	PROFIT (Rs./t)	252.43	204.43
5	INVESTMENT (Rs./t)	930.74	1094.99
6	RETURN ON INVESTMENT (GROSS) %	29.38	20.93
7	SELLING PRICE TO YIELD 12% ROI	470.96	534.96

Aditya
PROJECT OFFICER
PAREJ EAST PROJECT

CASH FLOW STATEMENT FOR FINANCIAL ANALYSIS AT 100 % OF THE CAPACITY

(Rs.in Lakhs)

YEAR	CAPITAL COST	REPLACE- MENT COST	ANNUAL OPERATING COST	INT. ON WORKING CAPITAL	TOTAL CASH OUTFLOW	ANNUAL SALES	ANNUAL PRODN. LAKH TONNE	NET CASH FLOW
BASE	11366				11366			-11366
1 ST YR	3212	30	3289	203	6734	7910	12.50	1176
2 ND YR	1700	415	4605	284	7004	11073	17.50	4070
3 RD YR		331	4605	284	5220	11073	17.50	5854
4 TH YR		285	4605	284	5174	11073	17.50	5900
5 TH YR		78	4605	284	4967	11073	17.50	6107
6 TH YR		581	4605	284	5470	11073	17.50	5604
7 TH YR		1863	4605	284	6752	11073	17.50	4322
8 TH YR		497	4605	284	5386	11073	17.50	5688
9 TH YR		4306	4605	284	9195	11073	17.50	1879
10 TH YR		377	4605	284	5266	11073	17.50	5808
11 TH YR		523	4605	284	5412	11073	17.50	5662
12 TH YR		1283	4605	284	6172	11073	17.50	4902
13 TH YR		299	4605	284	5188	11073	17.50	5886
14 TH YR		78	4605	284	4967	11073	17.50	6107
15 TH YR		30	4605	284	4919	11073	17.50	6155
16 TH YR		2278	4605	284	7167	11073	17.50	3907
17 TH YR		185	4605	284	5074	11073	17.50	6000
18 TH YR		4408	4605	284	9297	11073	17.50	1777
19 TH YR		376	4605	284	5265	11073	17.50	5809
20 TH YR		-4509	1552	96	-2861	3733	5.90	6594
TOTAL	16278	13714	87728	5410	123129	210962	333.40	87833

1. Annual operating cost is excluding depreciation & interest on loan.

0.35967

2. The financial I.R.R. on above cashflows works out to 35.97 %

3. The Cost of production at 17 % discount works out to Rs. 480.11 / te.

20/4/2018

PROJECT OFFICER
PAREJ EAST PROJECT

RPR FOR PAREJ EAST OCP (1.75 MTY)

APPENDIX - C

STATEMENT SHOWING ESTIMATED COST OF PRODUCTION AND PROFITABILITY

RATED OUTPUT (MT)	1.75
PEAK OB (M.Cu.m.)	5.53
AVE.STR.RATIO (Cu.m/t)	2.85
MANPOWER	980
INVESTMENT (Rs.Crores)	162.88

(A) COST OF PRODUCTION

SL NO.	ELEMENTS OF COST	OVERALL COST (Rs./T)			COST OF PRODUCTION (Rs.)		
		TOTAL	FIXED	VARIABLE	COAL COST PER TONNE	OB COST PER Cu.m.	COMMON COST PER TONNE
1	WAGES	67.19	67.19		4.94	4.90	48.28
2	STORES	106.42	26.60	79.81	16.83	29.62	5.16
3	POWER	19.04	14.28	4.76	9.66	2.57	2.06
4	MISC. EXPENDITURE	25.50	10.20	15.30	12.03	3.05	4.79
5	ADMN. CHARGES	40.00	40.00		8.96	7.02	11.03
6	INT. ON WORKING CAPITAL	15.92	9.76	6.16	3.23	2.91	4.40
7	DEPRECIATION	77.67	77.67		12.01	17.41	16.05
8	INT. ON LOAN CAPITAL	20.55	20.55		5.12	4.00	4.03
9	TOTAL DIRECT COST	372.29	266.25	106.03	72.79	71.48	95.79
10	APPORTIONED COMMON COST				17.68	27.41	
11	COST INCLUDING APPOR. COST				90.47	98.88	
12	OBR CHARGED OFF				281.82		
13	TOTAL COST				372.29		
14	RECLAMATION COST	8.04	5.75	2.29	8.04		
15	ALL INCLUSIVE COST	380.33	272.01	108.33	380.33		

(B) PROFITABILITY

SL NO.	DESCRIPTION	AT 100%	AT 85%
1	RATED OUTPUT (MT)	1.75	1.49
2	COST OF PRODUCTION (Rs./t)	380.33	428.33
3	SELLING PRICE (Rs./t)	632.76	632.76
4	PROFIT (Rs./t)	252.43	204.43
5	INVESTMENT (Rs./t)	930.74	1094.99
6	RETURN ON INVESTMENT (GROSS) %	29.38	20.93
7	SELLING PRICE TO YIELD 12% ROI	470.96	534.96

20/1/87

PROJECT OFFICER
PAREJ EAST PROJECT

CASH FLOW STATEMENT FOR FINANCIAL ANALYSIS AT 85 % OF THE CAPACITY

(Rs.in Lakhs)

YEAR	CAPITAL COST	REPLACE- MENT COST	ANNUAL OPERATING COST	INT. ON WORKING CAPITAL	TOTAL CASH OUTFLOW	ANNUAL SALES	ANNUAL PRODN. LAKH TONNE	NET CASH FLOW
Existing	11366				11366			-11366
1ST YR	3212	30	3098	191	6531	6723	10.63	192
2ND YR	1700	415	4337	267	6720	9412	14.88	2692
3RD YR		331	4337	267	4936	9412	14.88	4476
4TH YR		285	4337	267	4890	9412	14.88	4522
5TH YR		78	4337	267	4683	9412	14.88	4729
6TH YR		581	4337	267	5186	9412	14.88	4226
7TH YR		1863	4337	267	6468	9412	14.88	2944
8TH YR		497	4337	267	5102	9412	14.88	4310
9TH YR		4306	4337	267	8911	9412	14.88	501
10TH YR		377	4337	267	4982	9412	14.88	4430
11TH YR		523	4337	267	5128	9412	14.88	4284
12TH YR		1283	4337	267	5888	9412	14.88	3524
13TH YR		299	4337	267	4904	9412	14.88	4508
14TH YR		78	4337	267	4683	9412	14.88	4729
15TH YR		30	4337	267	4635	9412	14.88	4777
16TH YR		2278	4337	267	6883	9412	14.88	2529
17TH YR		185	4337	267	4790	9412	14.88	4622
18TH YR		4408	4337	267	9013	9412	14.88	399
19TH YR		376	4337	267	4981	9412	14.88	4431
20TH YR		-4509	1462	90	-2956	3173	5.02	6130
TOTAL	16278	13714	82636	5096	117723	179318	283.39	61594

0.26424

NOTE -

1. Annual operating cost is excluding depreciation & interest on loan.
2. The financial I.R.R. on above cashflows works out to 26.42 %
3. The Cost of production at 17 % discount works out to Rs.545.76 /te.

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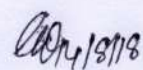
CASH FLOW STATEMENT FOR ECONOMIC ANALYSIS AT 100 % OF THE CAPACITY

(Rs.in Lakhs)

YEAR	CAPITAL COST	REPLACE- MENT COST	ANNUAL OPERATING COST	INT. ON WORKING CAPITAL	TOTAL CASH OUTFLOW	ANNUAL SALES	ANNUAL PRODN. LAKH TONNE	NET CASH FLOW
Initial	9320				9320			-9320
1ST YR.	2634	25	2993	185	5836	7910	12.50	2073
2ND YR.	1394	340	4190	258	6183	11073	17.50	4890
3RD YR.		271	4190	258	4720	11073	17.50	6353
4TH YR.		234	4190	258	4682	11073	17.50	6391
5TH YR.		64	4190	258	4513	11073	17.50	6561
6TH YR.		476	4190	258	4925	11073	17.50	6148
7TH YR.		1528	4190	258	5976	11073	17.50	5097
8TH YR.		408	4190	258	4856	11073	17.50	6217
9TH YR.		3531	4190	258	7980	11073	17.50	3094
10TH YR.		309	4190	258	4758	11073	17.50	6315
11TH YR.		429	4190	258	4878	11073	17.50	6196
12TH YR.		1052	4190	258	5501	11073	17.50	5572
13TH YR.		245	4190	258	4694	11073	17.50	6379
14TH YR.		64	4190	258	4513	11073	17.50	6561
15TH YR.		25	4190	258	4473	11073	17.50	6600
16TH YR.		1868	4190	258	6317	11073	17.50	4757
17TH YR.		152	4190	258	4600	11073	17.50	6473
18TH YR.		3615	4190	258	8063	11073	17.50	3010
19TH YR.		308	4190	258	4757	11073	17.50	6316
20TH YR.		3697	1413	87	-2198	3733	5.90	5931
TOTAL	13348	11245	79832	4923	109348	210962	333.40	101614

0.48741

- NOTE -
1. Annual operating cost is excluding depreciation & interest on loan.
 2. The economic IRR on above cashflows works out to 48.74 %
 3. The Cost of production at 17 % discount works out to Rs. 418.83 / te.



PROJECT OFFICER
PAREJ EAST PROJECT

CASH FLOW STATEMENT FOR ECONOMIC ANALYSIS AT 85 % OF THE CAPACITY

(Rs.in Lak)

SL. NO.	YEAR	CAPITAL COST	REPLACE- MENT COST	ANNUAL OPERATING COST	INT. ON WORKING CAPITAL	TOTAL CASH OUTFLOW	ANNUAL SALES	ANNUAL PRODN. LAKH TONNE	NET CASH FLOW
1	Existing	9320				9320			-9320
2	1ST YR	2634	25	2819	174	5652	6723	10.63	1071
3	2ND YR	1394	340	3947	243	5925	9412	14.88	3487
4	3RD YR		271	3947	243	4462	9412	14.88	4950
5	4TH YR		234	3947	243	4424	9412	14.88	4986
6	5TH YR		64	3947	243	4254	9412	14.88	5158
7	6TH YR		476	3947	243	4667	9412	14.88	4745
8	7TH YR		1528	3947	243	5718	9412	14.88	3694
9	8TH YR		408	3947	243	4598	9412	14.88	4814
10	9TH YR		3531	3947	243	7721	9412	14.88	1691
11	10TH YR		309	3947	243	4500	9412	14.88	4912
12	11TH YR		429	3947	243	4619	9412	14.88	4793
13	12TH YR		1052	3947	243	5243	9412	14.88	4170
14	13TH YR		245	3947	243	4436	9412	14.88	4971
15	14TH YR		64	3947	243	4254	9412	14.88	5158
16	15TH YR		25	3947	243	4215	9412	14.88	5197
17	16TH YR		1868	3947	243	6058	9412	14.88	3354
18	17TH YR		152	3947	243	4342	9412	14.88	5070
19	18TH YR		3615	3947	243	7805	9412	14.88	1607
20	19TH YR		308	3947	243	4499	9412	14.88	4911
21	20TH YR		-3697	1331	82	-2285	3173	5.02	5458
TOTAL		13348	11245	75198	4637	104429	179318	283.39	74886

NOTE:-

1. Annual operating cost is excluding depreciation & interest on loan.
2. The economic IRR.on above cashflows works out to 37.21 %
3. The Cost of production at 17 % discount works out to Rs.475.38 /te.

0.3721%

Abhyans

PROJECT OFFICER
PAREJ EAST PROJECT

RPR FOR PAREJ EAST OCP (1.75 MLY)

in Lak

Statement showing the estimated investment on Land Reclamation

Appendix - E

T CASE
FLOW

(Rs. in Lakhs)

Particulars	As per Sanctioned Project Report		As per RPR FEB'2001		Existing as on 3/00	Balance Amount	Total Variance Due To Price Escalation
	No.	Amt.	No.	Amt.			
Capital Investment							
Scraper, 11.5 Cu.m	1	45.98	1	59.37		59.37	13.39
Dozer, 410 HP	1	88.85	1	145.69		145.69	56.84
Dozer, 320 HP	1	57.42	1	109.33		109.33	51.91
Spare Engine		18.28		31.88		31.88	13.60
Contingency		10.53		17.31		17.31	6.78
TOTAL		221.06		363.58		363.58	142.52
Operating Cost							
				Annual Operating Cost			
Wages				17.34			
Stores				64.58			
Misc. Cost				6.92			
Interest on Working Capital				5.48			
Depreciation				37.52			
Interest on Loan Capital				8.92			
TOTAL				140.76			
Reclamation Cost Rs./Te				8.04			

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Appendix-F

**ESTIMATED EXPENDITURE ON
ENVIRONMENTAL PROTECTION MEASURES**

A - CAPITAL EXPENDITURE

Name of Project : Parej East OCP(1.75MTY)

Amount in Rs. (Lakhs)

As per E.M.P Norms/	Remarks
1	2

COST OF REHABILITATION

- 1) Total no. of families to be rehabilitated 290
- 2) Total no. of persons entitled economic compensation 32

CAPITAL ESTIMATES

- 1) Compensation of land to be acquired for rehabilitation 13.30 Ha. @ Rs.75,000 per Ha 10.88 Appendix -A 8.1
- 2) Cost of development of land plots including Schools, Township, Roads etc @ Rs.10,000/- per plot for 266 plots. 29.00 Do
- 3) Shifting allowance @ Rs.2000/- per family for 266 families. 5.80 Do
- 4) Lump sum grant @ Rs.5000/- per family for 266 families. 14.50 Do
- 5) Economic compensation in lieu of loss of earning to 20 persons @ Rs.500/- per month for 20 years. 38.40 Do

SUB TOTAL 98.58

**COST OF COMPENSATORY
AFFORESTATION :**

II.

- 1) Forest land to be acquired 70.41 Ha.
- 2) Density of forest : 0.3
- 3) No. of trees at 100% density 1800/Ha

Signature
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PAREJ EAST PROJECT**

1	2
---	---

CAPITAL ESTIMATE

1)	Cost of Revenue land to be acquired for afforestation 45.05 Ha. @ Rs. 15,000/Ha	6.76	Appendix - A.8.1
2)	Cost of forest growth & capital NPV for 45.05 Ha. @ Rs.3.11 Lakh/ Ha	140.07	Appendix - A.8.1
3)	Cost of afforestation @ Rs. 25,000 /Ha. for 157.45 Ha.	11.26	Appendix - A.8.1
4)	Enrichment of forest. for 1.5x area of forest in safety zone. i.e. 1.5 x 60.08	31.54	Appendix - A.8.1
	SUB-TOTAL	189.63	

CAPITAL FOR RESTORATION

1)	H.E.M.M for Reclamation	363.58	Appendix - E
2)	Biological reclamation of over burden dump @Rs. 60,000/-/Ha. for 34.89 Ha.	24.00	Appendix - A.8.1
	SUB-TOTAL	387.58	

CAPITAL FOR ANTI-POLLUTION MEASURES IN MINE AND INDUSTRIALS AREA

1)	2 Nos. water sprinkler	134.78	Appendix - A.3
2)	Industrial Sewage Treatment in Workshop	73.78	Appendix - A.8.3
3)	Water supply distribution system	60.28	Appendix - A.8.3
4)	Nallah Diversion/Sedimentation lagoon/Check Dam/Flood Protective embankment/storm water drains etc.	-	Appendix - A.8.1
5)	Dust suppression & extraction in Coal Handling plant	70.00	Appendix - A.3.4
6)	Other developmental measures	7.52	Appendix - A.8.1
	SUB - TOTAL	346.36	

CAPITAL FOR ANTI- POLLUTION MEASURES IN TOWNSHIP

1)	Domestic Sewage treatment	55.13	Appendix - A.8.3
2)	Other Development measures in township	65.28	Appendix - A.8.1
3)	Storm water drain	--	Appendix - A.8.1
4)	Water Treatment plant & Distribution System	255.60	Appendix - A.8.1
	SUB-TOTAL	376.01	

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		1	2
VI.	OTHER PROVISIONS :		
1)	Base line data generation and monitoring works	5.00	Appendix - A.8.1
2)	Cost for Arboriculture	17.96	Appendix - A.8.1
3)	Housing for personnel for Pollution Control	6.38	Appendix - A.2
	SUB-TOTAL	29.34	
VII.	COMPENSATION FOR TENANCY LAND	300.87	Appendix - A.1
VIII	FINANCIAL IMPACT		
A.	<u>Capital</u>		
1)	Cost of Rehabilitation	98.58	
2)	Cost of compensatory afforestation	189.63	
3)	Cost of restoration	387.58	
4)	Cost of anti- pollution measures in mine and industrial area	346.36	
5)	Cost of anti- pollution measures in Township	376.01	
6)	Other Provisions	29.34	
7)	Compensation for Tenancy land	300.87	
	TOTAL CAPITAL	1728.32	
B	REVENUE COST Re\Te	15-95	

4/18/18

**PROJECT OFFICER
PAREJ EAST PROJECT**

RATED CAPACITY-2.60 MILLION /ANNUM

KEDLA WASHERY (PAREJ OCP)

ANNEXURE-I

ESTIMATION OF PRICE OF RAW COKING COAL AT DIFFERENT STAGES OF CAPACITY UTILISATION BASED ON THE REALISED PRICE OF CLEAN COAL FROM CONSUMER.

PARTICULARS	KEDALA WASHERY PROJECTION AT DIFFERENT PERCENTAGES OF CAPACITY UTILISATION				
	ACTUAL 99-2000				
Capacity Utilisation (%) of kedla washery	33.13	69.23	80.00	85.00	90.00
Raw Coal Feed (Lakh Te.) from Parej ocp	8.61	10.50	10.50	10.50	10.50
Clean Coal Output (Lakhs Te.)	3.42	4.39	4.39	4.39	4.39
Middlings Output (Lakhs Te.)	4.65	4.73	4.73	4.73	4.73
Clean Coal Yield (%)	39.71	41.85	41.85	41.85	41.85
Middlings Yield (%)	53.97	45.07	45.07	45.07	45.07
Ash % of Clean Coal	18.90	18.50	18.50	18.50	18.50
OPERATING COST OF CLEAN COAL (Rs/Te.)					
Salary & Wages	204.45	88.58	75.31	70.41	66.06
Stores	137.41	91.81	85.47	83.09	80.98
Power	149.13	99.63	92.78	90.17	87.88
Misc. Expences	337.53	176.73	159.63	153.38	147.44
Administrative charges	100.80	40.44	34.41	32.15	30.16
Interest on working capital	132.08	113.32	108.82	107.13	105.61
Depreciation	256.10	102.75	87.38	81.66	76.63
Interest of Loan Capital	92.20	37.03	31.46	29.40	27.60
Total Operating cost	1409.70	750.29	675.26	647.39	622.36
Less Credit for Middlings & Rejects	820.27	650.00	650.00	650.00	650.00
Net Operating Cost	589.43	100.29	25.26	-2.61	-27.64
Selling Price of Clean Coal	1847.30	1899.00	1899.00	1899.00	1899.00
LESS					
a) Net Operating Cost	589.43	100.29	25.26	-2.61	-27.64
Value of Raw Coal input including transportations & Taxes	1257.87	1798.71	1873.74	1901.61	1926.64
On the basis of yield of Clean Coal value left for per te. of Raw Coal Input & taxes	499.15	752.76	784.16	795.82	806.30
LESS					
a) Royalty & SED	118.01	129.25	129.25	129.25	129.25
b) Transportation Cost of Raw Coal	42.49	21.00	21.00	21.00	21.00
Value left for Raw Coal Input	338.65	602.51	633.91	645.57	656.05

14/12/18

PROJECT OFFICER
PAREJ EAST PROJECT

RPR FOR PAREJ EAST OCP (1.75 MTY)

APPENDIX D

CASH FLOW STATEMENT FOR FINANCIAL ANALYSIS AT 100 % OF THE CAPACITY
(BASED ON REALISABLE SALES PRICE OF CLEAN COAL)

(Rs.in Lak)

SL. NO.	YEAR	CAPITAL COST	REPLACE- MENT COST	ANNUAL OPERATING COST	INT. ON WORKING CAPITAL	TOTAL CASH OUTFLOW	ANNUAL SALES	ANNUAL PRODN. LAKH TONNE	NET CASH FLOW
1	Existing	11366				11366			
2	1ST YR	3212	30	3289	203	6734	7097	12.50	-1130
3	2ND YR	1700	415	4605	284	7004	9935	17.50	2931
4	3RD YR		331	4605	284	5220	9935	17.50	4715
5	4TH YR		285	4605	284	5174	9935	17.50	4761
6	5TH YR		78	4605	284	4967	9935	17.50	4968
7	6TH YR		581	4605	284	5470	9935	17.50	4465
8	7TH YR		1863	4605	284	6752	9935	17.50	3183
9	8TH YR		497	4605	284	5386	9935	17.50	4549
10	9TH YR		4306	4605	284	9195	9935	17.50	7440
11	10TH YR		377	4605	284	5266	9935	17.50	4671
12	11TH YR		523	4605	284	5412	9935	17.50	4521
13	12TH YR		1283	4605	284	6172	9935	17.50	3760
14	13TH YR		299	4605	284	5188	9935	17.50	4747
15	14TH YR		78	4605	284	4967	9935	17.50	4968
16	15TH YR		30	4605	284	4919	9935	17.50	5017
17	16TH YR		2278	4605	284	7167	9935	17.50	2768
18	17TH YR		185	4605	284	5074	9935	17.50	4862
19	18TH YR		4408	4605	284	9297	9935	17.50	639
20	19TH YR		376	4605	284	5265	9935	17.50	4671
21	20TH YR		-4509	1552	96	-2861	3350	5.90	6210
TOTAL		16278	13714	87728	5410	123129	189285	333.40	66155

NOTE:-

1. Annual operating cost is excluding depreciation & interest on loan.
2. The financial IRR is based on average weighted realisable selling price of clean coal of Rs.567.74 / te.
3. The financial IRR on above cashflows works out to 28.11 %
4. The Cost of production at 17 % discount works out to Rs. 480.11 / te.

0.28108

Signature
PROJECT OFFICER
PAREJ EAST PROJECT

DIX D

RPR FOR PAREJ EAST OCP (1.75 MTY)

APPENDIX D 6

s.inLak

(Rs.in Lakhs)

CASH FLOW STATEMENT FOR FINANCIAL ANALYSIS AT 85 % OF THE CAPACITY
(BASED ON REALISABLE SALES PRICE OF CLEAN COAL)ET CAS
FLOW

-1136

36

291

471

476

496

446

318

458

74

467

452

376

474

496

501

276

486

63

467

621

615

2810

SL. NO.	YEAR	CAPITAL COST	REPLACE- MENT COST	ANNUAL OPERATING COST	INT. ON WORKING CAPITAL	TOTAL CASH OUTFLOW	ANNUAL SALES	ANNUAL PRODN. LAKH TONNE	NET CASH FLOW
		11366				11366			-11366
1	Existing	11366				6531	6032	10.63	-499
2	1ST YR	3212	30	3098	191	6720	8445	14.88	1725
3	2ND YR	1700	415	4337	267	4936	8445	14.88	3509
4	3RD YR		331	4337	267	4890	8445	14.88	3555
5	4TH YR		285	4337	267	4683	8445	14.88	3762
6	5TH YR		78	4337	267	5186	8445	14.88	3259
7	6TH YR		581	4337	267	6468	8445	14.88	1977
8	7TH YR		1863	4337	267	5102	8445	14.88	3343
9	8TH YR		497	4337	267	8911	8445	14.88	-466
10	9TH YR		4306	4337	267	4982	8445	14.88	3463
11	10TH YR		377	4337	267	5128	8445	14.88	3317
12	11TH YR		523	4337	267	5888	8445	14.88	2557
13	12TH YR		1283	4337	267	4904	8445	14.88	3541
14	13TH YR		299	4337	267	4683	8445	14.88	3762
15	14TH YR		78	4337	267	4635	8445	14.88	3810
16	15TH YR		30	4337	267	6883	8445	14.88	1562
17	16TH YR		2278	4337	267	4790	8445	14.88	3655
18	17TH YR		185	4337	267	9013	8445	14.88	-568
19	18TH YR		4408	4337	267	4981	8445	14.88	3464
20	19TH YR		376	4337	267	-2956	2847	5.02	5804
21	20TH YR		-4509	1462	90				
	TOTAL	16278	13714	82636	5096	117723	160892	283.39	43168

0.19449

NOTE:-

1. Annual operating cost is excluding depreciation & interest on loan.
2. The financial IRR is based on average weighted realisable selling price of clean coal of Rs.567.74 / te.
3. The financial IRR on above cashflows works out to 19.45 %
4. The Cost of production at 17 % discount works out to Rs.545.76 / te.

4/4/16

PROJECT OFFICER
PAREJ EAST PROJECT

(including leaves, berries, seedpods etc.)

[illegible]

WPI (C) - Whole Sale Price Index (Overall)

WPI (O) - Whole Sale Price Index (Overall)
WPI (M) - Whole Sale Price Index (Machinery & Machine Tools)

CPI - Civil Cost Index

PROJECT OFFICER
PAREJ EAST PROJECT

As 14/8/18

(Rs. in Lakhs)					
TOTAL VARIATION					
	Expenditure incurred so far				Action P.T.C. Amt.
	Balance	Index	Pwla on Bal Amt		
(Including Taxes, Duties, Addition etc.)					
	Expenditure incurred so far (90 ad)	Index	Pwla on Bal Amt	Expenditure during 90 ad	Amount
	Balance				
Total					

REPER FOR PAREJ EAST OF P (0.75 MIV)

Amorture - VI

Revision in cost due to Statutory duty rate change

(Amount in Rs. Lakhs)

PROJECT OFFICER
PAREJ EAST PROJECT

20/10/18

Sl No	Particulars	As per sanctioned Report				As per Proposed RTR - 2001 - Feb				Expenditure incurred so far				Expenditure incurred so far			
		Total Capital	Rate of Excise Duty & S Tax %	Tax Amount	Capital Excluding Tax	Total Capital	Rate of E.D. & S.T. %	Tax Amount	Capital Excluding Tax	Total Expend	Rate of E.D. & S.T. %	Tax Amount	Capital Excluding Tax	Total Expend	Rate of E.D. & S.T. %	Tax Amount	Capital Excluding Tax
1	Land	Rs 177.25		Rs	Rs 177.25	Rs 300.87		Rs	Rs 300.87	Rs		Rs	Rs	Rs 189.81		Rs	Rs 189.81
2	Buildings	501.47	6.6	65.28	528.19	854.07	6.6	88.88	765.19	255.59	6.6	28.12	227.47	255.59	6.6	28.12	227.47
	a) Residential	493.48	6.6	54.28	439.20	669.26	6.6	68.06	601.20	10.61	6.6	1.17	9.44	10.61	6.6	1.17	9.44
3	L. HEMNI	2237.73	16.514	478.13	2259.60	5018.30	15.4	842.58	4175.72	424.26	15.4	69.53	354.73	424.26	15.4	69.53	354.73
	a) Dampers	3388.38	16.514	591.76	2796.62	4393.42	10.4	685.51	3707.91	58.88	10.4	7.41	51.47	58.88	10.4	7.41	51.47
	b) Service	6126.11		1069.90	5056.21	9411.72		1528.08	7883.64	483.14		76.94	406.20	483.14		76.94	406.20
	b) Others																
	Total HEMNI																
	II. Other than HEMNI																
	a) Pumps, Pipes & Fittings	71.70	16.514	12.52	59.18	163.20	17.2514	27.84	135.36	4.61	17.2514	0.83	3.78	3.23	12.5014	0.47	2.76
	b) (III)	1164.20	25.4	268.66	895.54	389.88	20.4	71.58	318.30	11.514	20.4	4.27	19.33	108.09	17.2714	19.46	88.63
	c) Workshop	215.84	12.14	30.54	185.30	299.16	11.514	162.13	779.88	23.60	17.3814	4.27	19.33	108.09	17.2714	19.46	88.63
	d) Electricals	502.26	20.514	101.48	400.78	942.01	18.4	28.20	134.97	18.4	15.4	4.27	19.33	108.09	17.2714	19.46	88.63
	e) Other P & M	108.82	20.4	21.62	87.20	163.17	15.4	123.53	508.47	15.4	15.4	4.27	19.33	108.09	17.2714	19.46	88.63
	D Spare Engine	400.36		69.92	330.44	722.00		23.76	115.14	15.4							
	g) Contingency	429.46		75.00	354.46	138.90		486.54	2311.78	28.21		5.10	23.11	111.32		19.93	91.39
	Total Other than HEMNI	2892.64		579.75	2312.89	2818.32		5.44	14.70	1.11	18.4	0.21	0.90	3.36	18.4	0.62	2.74
4	Furniture & Fittings	10.00	18.4	1.85	8.15	20.14											
5	Railway Sidings																
6	Vehicles	53.50	16.514	9.34	44.16	77.15		12.41	64.74	5.05	16.514	0.88	4.17	6.21	10.4	0.78	5.43
7	Prospecting & Hoing	100.87			100.87	99.99			99.99	99.99							
8	DEVELOPMENT																
	a) Capital Outlay in mines	255.50			255.50	448.80			448.80								
	b) Roads & Culverts	319.26	6.6	35.12	284.14	498.42	6.6	50.89	447.53	34.31	6.6	3.77	30.54	34.31	6.6	3.77	30.54
	c) Water Supply	295.52	6.6	32.51	263.01	444.79	6.6	45.25	399.54	10.55	6.6	1.16	9.39	10.55	6.6	1.16	9.39
	d) S.R. & P.R. Cost	59.00			59.00	53.00			53.00	30.00							
	Total Development	929.28		67.63	861.65	1445.01		96.14	1348.87	30.00							
	TOTAL (01 to 08)	11376.60		1848.03	9528.57	15696.51		2285.55	13410.98	881.27		104.19	777.08	1104.90		132.49	972.41
9	Revenue Exp. Capitalised	21.00			21.00	22.85		62.20	301.38	156.38				71.97			71.97
10	Reclamation Capital	221.06	16.514	38.61	182.45	363.58											
	TOTAL CAPITAL	11618.66		1886.64	9732.02	16288.46		2347.76	13940.70	1037.65		104.19	938.46	1176.87		132.49	1044.38

REPORT ON PAREJ EAST OCP (1.75 MTP)

Annexure VI (Contd.)
(Amount in Rs. Lakhs)

Revision in Cost due to Statutory duty rate Change

Sl. No.	Particulars	Expenditure incurred so far 95-96			Expenditure incurred so far 96-97			Expenditure incurred so far 97-98			Capital Excluding Tax Rs.	Total Expenditure Rs.
		Total Expenditure Rs.	Rate of ED & SI %	Tax Amount Rs.	Total Expenditure Rs.	Rate of ED & SI %	Tax Amount Rs.	Total Expenditure Rs.	Rate of ED & SI %	Tax Amount Rs.		
I. Preliminary	a) Feasibility	160.96	5.6	16.34	144.62	5.6	3.47	34.19	5.6	3.47	80.22	21.46
	b) Service	2.81	5.6	0.29	2.52	5.6	48.91	481.73	5.6	0.28	432.82	28.65
	c) I. HEMM											2.76
	d) Others	307.03	15.4	38.65	268.38	15.4	25.44	155.22	15.4	12.78	129.78	15.4
Total HEMM		307.03	10.4	38.65	268.38	10.4	8.37	66.50	13.4	26.06	58.13	26.06
		307.03		38.65	268.38		33.81	221.72		26.06	187.91	26.06
II. Other than HEMM	a) Pumps, Pipes & Fittings	1.82	15.4	0.26	1.56	15.4			16.5	0.20	1.05	1.05
	b) CIP		10.4			10.4			13.4	1.28	8.90	8.90
	c) Workshop	16.52	10.4	2.08	14.44	10.4	1.97	15.68	13.4			
	d) Electricals	145.84	15.90	26.26	119.58	15.45	21.50	128.62	15.45	13.23	65.95	65.95
	e) Other P & M		18.00			18.00	1.85	10.00	18.4	1.93	8.49	8.49
	f) Spare Engine		15.4			15.4			15.4			
	g) Contingency		15.4			15.4						
Total Other than HEMM		164.18		28.60	135.58		25.32	154.30		16.65	84.38	84.38
4	Furniture & Fittings											
	5	Railway Sidings	2.10	18.4	2.10	6.22	1.15		18.4	0.25	1.10	1.10
	6	Vehicles				1.33	0.17		16.4	0.67	3.44	3.44
	7	Prospecting & Boring							15.4			
8	DEVELOPMENT											
	a) Capital Outlay in mines				14.42			14.42				27.27
	b) Roads & Culverts	22.21	5.6	2.25	19.96	5.6	3.38	33.32	5.6	0.12	1.02	1.02
	c) Water Supply	25.22	5.6	2.56	22.66	5.6	3.84	37.83	5.6	3.04	26.87	26.87
	d) SR & P R Cost											
	Total Development	47.43		4.82	42.61		7.22	85.57			3.15	48.76
	TOTAL (01 to 08)	684.51		90.79	593.72		120.05	865.01			49.98	374.75
9	Revenue Exp. Capitalised											
	10	Reclamation Capital										
TOTAL CAPITAL		684.51		90.79	593.72		120.05	865.01			49.98	374.75

Redu 19/18

PROJECT OFFICER
PAREJ EAST OCP

(Amount in Rs. Lakhs)

Sl. No.	Particulars	Expenditure incurred so far 98-99			Expenditure incurred so far 99-2000			Balance Provision			Total Variance in the		
		Rate of 100% of	Excess Amount	Capital Expenditure	Total Expenditure	Rate of 100% of	Excess Amount	Capital Expenditure	Provision	%	Excess Amount	Capital Expenditure	Provision
1	Land												
2	Buildings	1.52	0.15	1.37	2.09	5.16	0.21	1.88	371.07	5.16	37.67	113.40	23.59
3	Services	54.48	5.48	49.85	38.55	5.16	3.91	14.64	74.61	5.16	7.57	67.04	13.78
4	Transportation	14.24	278.60	1199.00	2217.50	16.14	379.39	1818.11	581.94	16.14	99.56	482.38	364.44
5	Dumplings	6.46	96.71	550.31	2204.01	16.14	377.08	1826.93	394.41	16.14	67.48	326.93	93.75
6	Others		33.14	1749.30	4421.51		756.47	3665.04	976.35		167.04	809.31	458.19
7	Total (IEMM)												
8	II. Other than (IEMM)												
9	a) Pumps, Pipes & Fittings	4.53	0.79	3.74	9.62	16.14	1.5	7.97	147.76	16.14	25.38	122.48	15.32
10	b) CIP	13.14	1.54	8.78	110.31	16.14	18.77	91.44	379.70	16.14	70.30	309.40	197.08
11	c) Workshop	10.32	30.74	153.15	110.31	16.14			247.02	16.14	42.36	204.76	18.96
12	d) Electricals	15.45				16.14			162.48	16.14	27.80	134.68	60.65
13	e) Other P & M	18.14				16.14			142.75	16.14	24.42	118.33	6.58
14	f) Spare Engine	15.14				16.14			722.60	16.14	123.53	598.47	53.60
15	g) Contingency		33.06	165.68	119.93		26.52	99.41	138.30	16.14	23.76	115.14	51.24
16	Total Other than IEMM	198.74							1940.61		337.35	1603.26	93.21
17	Furniture & Fittings	3.00	0.56	2.44					3.00	18.14	0.56	2.44	3.59
18	Railway Sidings	18.14				16.14					5.16	26.34	3.07
19	Vehicles	7.45	1.22	6.23	21.50	15.14	3.52	17.98	31.50	15.14			
20	DEVELOPMENT												
21	a) Capital Expenditure in mines	0.77	0.77	0.77	33.25	5.16	2.33	33.25	373.09	5.16	38.32	339.15	15.77
22	b) Roads & Culverts	7.00	0.71	6.29	22.97	5.16	1.66	20.64	377.47		32.54	288.00	12.74
23	c) Water Supply	4.39	0.45	3.94	16.35	5.16		14.69	320.54	5.16		23.00	
24	d) S.R. & P.R. Cost								23.00				
25	Total Development	12.16	1.16	11.00	72.57		3.99	60.15	1094.10		70.87	983.02	28.51
26	TOTAL (01 to 08)	2359.07		1985.87	4708.72		788.63	3972.05	4548.27		76.22	3972.05	437.52
27	Revenue Exp. Capitalised								363.58	16.14	62.30	301.38	23.60
28	Reclamation Capital								788.63			4223.42	461.12
29	TOTAL CAPITAL	2359.07		1985.87	4708.72		788.63	3972.05	7911.85				

PROJECT OFFICER
PAREJ EAST PROJECT

18/11/19