

**THE PROJECT FOR IMPROVEMENT OF THE HEALTH FACILITIES
IN
THE KWAZULU-NATAL PROVINCE
IN
THE REPUBLIC OF SOUTH AFRICA**

MONTHLY REPORT

(NO. 9)

JANUARY, 2003

THE CONSULTANT

**:JOINT VENTURE BETWEEN
INTERNATIONAL TOTAL ENGINEERING CORPORATION
AND YAMASHITA SEKKEI INC.**

THE CONTRACTOR

**:SUMITOMO CORPORATION
AND KONOIKE CONSTRUCTION CO.,LTD.
CONSORTIUM**

THE CONSULTANT	THE CONTRACTOR
H. MOCHIZUKI	T.MATSUZAKI

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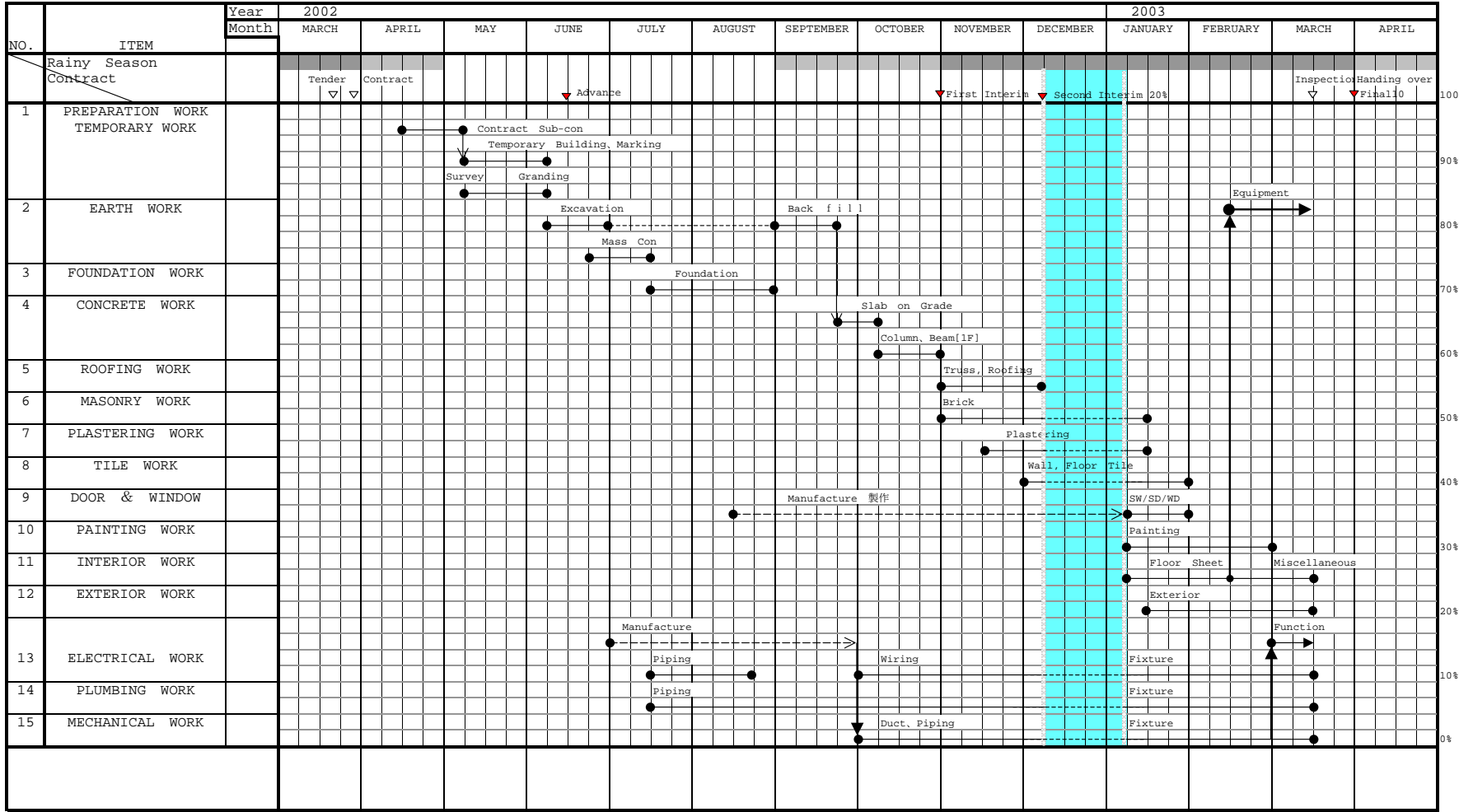
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CONSTRUCTION SCHEDULE

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SCHEDULE

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2. AMOUNT OF EXECUTION WORK

JAN. 2003

NO.	ITEM	RATIO OF WORK	UP TO LAST MONTH	THIS MONTH	TOTAL OF ACTUAL PROGRESS
1.	TEMPORARY WORK	0.40 %	0.35 %	0.04 %	0.39 %
2.	EARTH WORK	3.40 %	3.40 %	0.00 %	3.40 %
3.	STRUCTURAL WORK	10.60 %	10.60 %	0.00 %	10.60 %
3-1)	CONCRETE WORK	6.38 %	6.38 %	0.00 %	6.38 %
3-2)	FORM WORK	2.27 %	2.27 %	0.00 %	2.27 %
3-3)	REINFORCING BAR WORK	1.65 %	1.65 %	0.00 %	1.65 %
4.	INTERNAL WORK	25.20 %	20.50 %	2.55 %	23.05 %
4-1)	BRICK WORK	5.34 %	5.34 %	0.00 %	5.34 %
4-2)	WATERPROOFING WORK	0.38 %	0.38 %	0.00 %	0.38 %
4-3)	STONE MASONRY WORK	0.01 %	0.00 %	0.01 %	0.01 %
4-4)	TILE WORK	2.06 %	1.60 %	0.46 %	2.06 %
4-5)	METAL WORK	1.70 %	1.45 %	0.25 %	1.70 %
4-6)	PLASTERING WORK	1.73 %	1.70 %	0.03 %	1.73 %
4-7)	DOOR & WINDOW WORK	3.49 %	3.10 %	0.20 %	3.30 %
4-8)	PAINTING WORK	0.85 %	0.40 %	0.30 %	0.70 %
4-9)	FINISHING WORK	4.69 %	2.20 %	1.00 %	3.20 %
4-10)	MISCELLANEOUS WORK	4.95 %	4.33 %	0.30 %	4.63 %
5.	ROOFING WORK	0.50 %	0.50 %	0.00 %	0.50 %
6.	EXTERNAL WORK	2.70 %	2.20 %	0.30 %	2.50 %
7.	M & E WORK	17.90 %	16.20 %	1.40 %	17.60 %
7-1)	ELECTRICAL WORK	10.80 %	10.20 %	0.50 %	10.70 %
7-2)	PLUMBING WORK	2.80 %	2.60 %	0.20 %	2.80 %
7-3)	MECHANICAL WORK	2.60 %	2.20 %	0.30 %	2.50 %
7-4)	MEDICAL GAS	1.70 %	1.20 %	0.40 %	1.60 %
8.	EXPENSES	39.30 %	33.43 %	3.50 %	36.93 %
	TOTAL	100.00 %	87.18 %	7.79 %	94.97 %

3. CONSTRUCTION PROGRESS

	ITEM	YEAR MONTH	2002									2003				TOTAL		
			APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR			
1.	TEMPORARY WORK	0.40%	0.04%	0.08%	0.06%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.01%				0.39%	100%
2.	EARTH WORK	3.40%		1.20%	2.20%												3.40%	
3.	STRUCTURAL WORK	10.60%			2.50%	2.50%	2.50%	2.50%	0.60%								10.60%	90%
	CONCRETE WORK	[6.68%]			1.52%	1.52%	1.52%	1.52%	0.60%								6.38%	
	FORM WORK	[2.27%]			0.65%	0.54%	0.54%	0.54%									2.27%	80%
	REINFORCING BAR WORK	[1.65%]			0.35%	0.44%	0.43%	0.43%									1.65%	
4.	INTERNAL WORK	25.20%							7.00%	7.20%	7.20%	2.20%	1.20%	0.40%			20.50%	70%
	BRICK WORK	[5.34%]							2.67%	2.67%							5.34%	
	WATERPROOFING WORK	[0.38%]										0.38%					0.38%	
	STONE MASONRY WORK	[0.01%]											0.01%				0.01%	60%
	TILE WORK	[2.06%]										1.03%	1.03%				2.06%	
	METAL WORK	[1.70%]									0.85%	0.85%					1.70%	
	PLASTERING WORK	[1.73%]							0.50%	0.50%	0.50%	0.23%					1.73%	50%
	DOOR & WINDOW WORK	[3.49%]							1.50%	1.50%	0.49%						3.30%	
	PAINTING WORK	[0.85%]											0.35%	0.50%			0.70%	40%
	FINISHING WORK	[4.69%]										3.01%	0.58%	0.70%	0.40%		3.20%	
	MISCELLANEOUS WORK	[4.95%]							2.33%	1.68%	0.94%						4.63%	
5.	ROOFING WORK	0.50%								0.40%	0.10%						0.50%	30%
6.	EXTERNAL WORK	2.70%								0.50%	0.80%	0.80%	0.40%	0.20%			2.50%	
7.	M&E WORK	17.90%		0.20%	1.00%	1.00%	1.20%	2.40%	2.80%	4.40%	3.20%	1.40%					17.60%	20%
	ELECTRICAL WORK	[10.80%]		0.20%	1.00%	1.00%	1.00%	1.80%	2.00%	2.00%	1.20%	0.50%	0.10%				10.70%	
	PLUMBING WORK	[2.80%]					0.20%	0.60%	0.80%	0.80%	0.20%	0.20%					2.80%	
	MECHANICAL WORK	[2.60%]									1.00%	1.20%	0.30%	0.10%			2.50%	10%
	MEDICAL GAS WORK	[1.70%]									0.60%	0.60%	0.40%	0.10%			1.60%	
8.	EXPENSES	39.30%	1.90%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.50%	3.30%	3.30%	1.45%			36.93%	0%
	PROGRAM	MONTHLY TOTAL	1.94%	5.23%	9.51%	7.28%	7.48%	8.68%	13.98%	16.08%	14.83%	7.73%	5.21%	2.05%				
	EXECUTION	MONTHLY TOTAL	1.94%	7.03%	9.50%	8.09%	7.87%	10.76%	14.81%	14.23%	12.95%	7.79%						94.97%

III. REPORT OF CONSTRUCTION

1. EXECUTION WORK IN THIS MONTH

A. MAIN BUILDING

TILE
WINDOWS & DOORS
CEILING
PAINTING
FINISHING WORK
MISCELLANEOUS WORK
ELECTRICAL
PLUMBING

B. EXTERNAL WORK

PAVING

C. OTHERS

2. SAFETY MEASURE ITEM

1. CONDITION OF TEMPORARY FENCE . . . GOOD
2. CONDITION OF TEMPORARY ROAD . . . GOOD
3. CONDITION OF SITE . . . GOOD

3. EVENT, MEETING, VISITOR, E.T.C.

5, JAN. 9TH MONTHLY MEETING

30, JAN. MEETING FOR ENTRANCE ROAD WITH DEP. OF TRANSPORT

4. MANPOWER ACCUMULATION

UNIT. (NO/DAY)

JAN. 2003	WEEKLY					TOTAL IN THIS MONTH	TOTAL IN PREVIOUS MONTH	GROUND TOTAL
	1 5	6 12	13 19	20 26	27 31			
JAPANESE	0	4	7	7	5	23	171	194
ENGINEER	0	4	7	7	5	23	171	194
LOCAL	20	417	440	426	359	1662	8600	10262
ENGINEER	0	5	6	6	6	23	156	179
SUPERVISOR	0	5	6	6	7	24	147	171
STORE MAN	0	5	7	7	7	26	156	182
SURVEYOR	0	0	0	0	0	0	13	13
FORMAN	0	5	6	6	6	23	163	186
TEMPORARY WORK	0	10	10	0	0	20	240	260
EARTH WORK	0	45	45	45	45	180	549	729
CONCRETE WORK	0	4	8	8	4	24	1119	1143
RE-BAR WORK	0	0	0	0	0	0	374	374
FORM WORK	0	6	6	2	2	16	898	914
S.STEEL WORK	0	0	0	0	0	0	0	0
BRICK WORK	0	12	12	12	12	48	1076	1124
WATERPROOFING WORK	0	0	0	0	0	0	122	122
STONE / TILE WORK	0	25	25	25	25	100	144	244
ROOFING WORK	0	0	0	0	0	0	721	721
METAL WORK	0	0	0	0	0	0	0	0
PLASTER WORK	0	18	18	18	10	64	392	456
DOOR & WINDOW WORK	0	15	15	15	15	60	112	172
PAINT WORK	0	36	42	42	30	150	168	318
FINISHING WORK	0	20	24	24	20	88	132	220
MISCELLANEOUS WORK	0	20	24	24	20	88	0	88
ELECTRICAL WORK	0	60	60	60	50	230	356	586
PLUMBING WORK	0	35	35	35	25	130	604	734
MECHANICAL WORK	0	20	20	20	10	70	69	139
FIRE ALARM WORK	0	0	0	0	0	0	0	0
OPERATOR	0	10	10	10	10	40	260	300
PAVING WORK	0	40	40	40	40	160	0	160
GUARD	20	21	21	21	15	98	629	727

TOTAL	20	421	447	433	409	1,685	8,771	10,456
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5. RECORD OF MACHINE OPERATION

UNIT. (NO/DAY)

JAN. 2003	WEEKLY					TOTAL IN THIS MONTH	TOTAL IN PREVIOUS MONTH	GROUND TOTAL
	1 5	6 12	13 19	20 26	27 31			
GRADER	0	0	0	0	0	0	4	4
BULLDOZER	0	0	0	0	0	0	0	0
EXCAVATOR	0	3	2	3	1	9	71	80
ROAD ROLLER	0	3	0	0	0	3	17	20
BREAKER	0	2	0	0	2	4	3	7
COMPACTOR	0	5	5	5	5	20	103	123
TRUCK MIXER	0	0	0	0	0	0	0	0
TRUCK CRANE	0	0	0	0	0	0	1	1
VIBRATOR	0	3	3	3	3	12	132	144
HELICOPTER TROWEL	0	0	0	0	0	0	0	0
WELDING MACHINE	0	0	0	0	0	0	0	0
DUMPER TRUCK	0	0	0	0	0	0	141	141
TOTAL	0	16	10	11	11	48	473	521

IV. PRINCIPAL ACTIVITY ON THIS MONTH

JAN. 2003

DATE	WEATHER	TEMPERATURE		ITEM	
		MIN	MAX		
1	WED	○	17	30	NO WORK
2	THU	○	19	29	NO WORK
3	FRI	○	16	28	NO WORK
4	SAT	☉	18	31	NO WORK
5	SUN	☉	19	30	NO WORK
6	MAN	☉	21	33	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
7	TUE	○	20	33	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
8	WED	○	19	31	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
9	THU	●	14	23	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
10	FRI	●	15	25	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
11	SAT	○	17	28	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
12	SUN	○	19	30	NO WORK
13	MAN	☉	21	32	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
14	TUE	○	19	28	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
15	WED	○	22	32	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
16	THU	☉	22	36	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
17	FRI	☉	20	32	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
18	SAT	☉	21	33	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
19	SUN	☉	18	31	CEILING, PAINTING, ELECTRICAL, PLUMBING
20	MAN	◇	20	27	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
21	TUE	◇	17	27	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
22	WED	○	19	31	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
23	THU	○	18	34	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
24	FRI	◇	16	27	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
25	SAT	○	21	30	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
26	SUN	◇	22	31	CEILING, PAINTING, ELECTRICAL, PLUMBING
27	MAN	○	20	28	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
28	TUE	○	21	30	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
29	WED	○	19	34	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
30	THU	○	19	35	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
31	FRI	◇	17	25	TILE, CEILING, PAINTING, EXTERNAL WORK, ELECTRICAL, PLUMBING
WEATHER INFORMATION				REMARKS	
LEGEND OF WEATHER		TEMPERATURE			
☉ VERY FINE	◆ SHOWER	MAX	36 °C		
○ FINE	● RAIN	AVE.	25 °C		
◇ CLOUDY		MIN	14 °C		



1. WHOLE VIEW OF SITE

31,JAN,2003



2 .WHOLE VIEW OF SITE

31,JAN,2003



3. VIEW OF SOUTH ELEVATION

31,JAN,2003



4. NSELENI CHILDREN VISIT ON SITE

30,JAN,2003



5.DOUBLE SINK COUNTER & WORK TOP

31,JAN,2003



6. SHELF

31,JAN,2003



7.BASIN

31,JAN,2003



8. ELECTRICAL SUB STATION

31,JAN,2003