

Quarry ERP

MobileERP.in (part of MobileERP Softech P Ltd)
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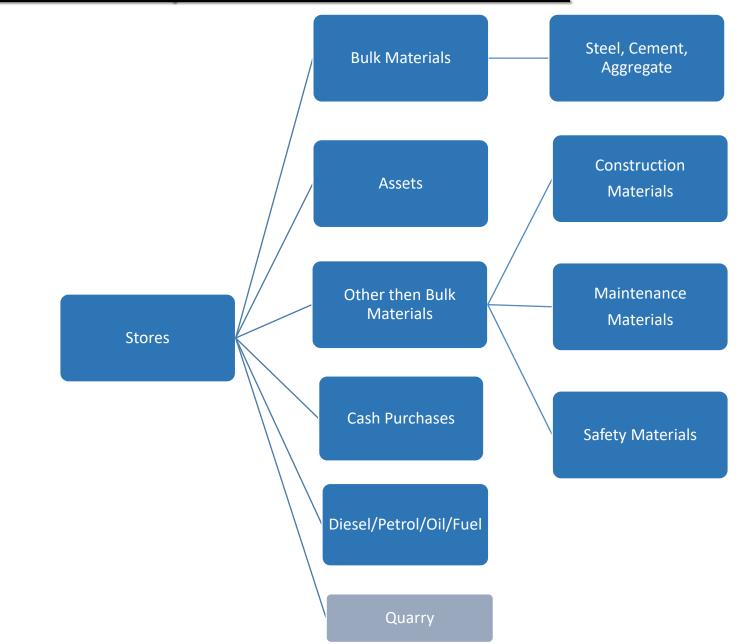
What is Quarry Management Software?

Quarry management software maintains data of stones dug out of quarry or mines. It also maintains data of production of stones into coarse material of varies sizes. Weighbridge interface makes it easy to operate. Daily sales or consumption can be found.

Stores System Architecture



Stores System Architecture

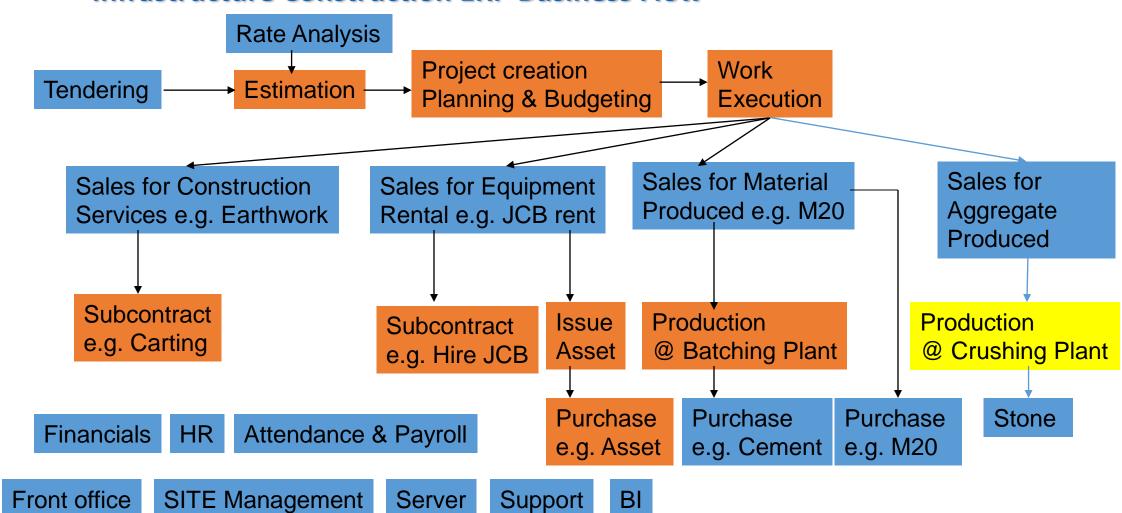




Quarry Production:

Construction Material production at Plant

Infrastructure Construction ERP Business Flow

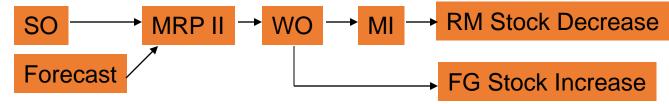




Quarry Production:

Of Construction material

FG	WMM	Concrete M20	DBM	BC	Aggregate
RM	Aggregate	Aggregate	Aggregate	Aggregate	Stones/Boulder
RM	Water	Sand	Bitumen	CRMB	
RM		Cement			
RM		Water			
Machines	WMM Mixture Plant	Batching Plant	Hotmix Plant	Hotmix Plant	Crusher Plant
DPR	DPR	DPR	DPR	DPR	DPR



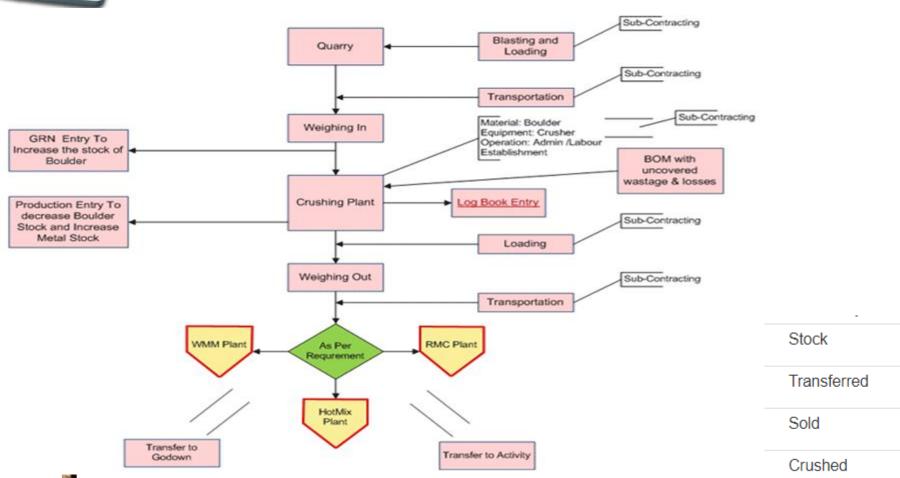
- WMM Mixture Plant Manufactures WMM
- Batching Plant Manufactures Concrete
- Hotmix Plant Manufactures DBM, BC
- Crusher Plant Manufactures Aggregate
- RMC Plant Manufactures RMC

WMM
DBM
ВС
Concrete M20
RCC
Bricks
Stone
Marble
Wood
Steel
Tiles
Roofs
Colors
Pipes
Bitumen
Mortars
Sanitary wares
Water Supply
Drainage pipes
Aggregate
Aluminum
Water Proofing material
Horticulture and Landscape



Mobile Compatible ERP Technology Mobile Compatible ERP Technology Powered by: Soft Robot: Codeless Software Development

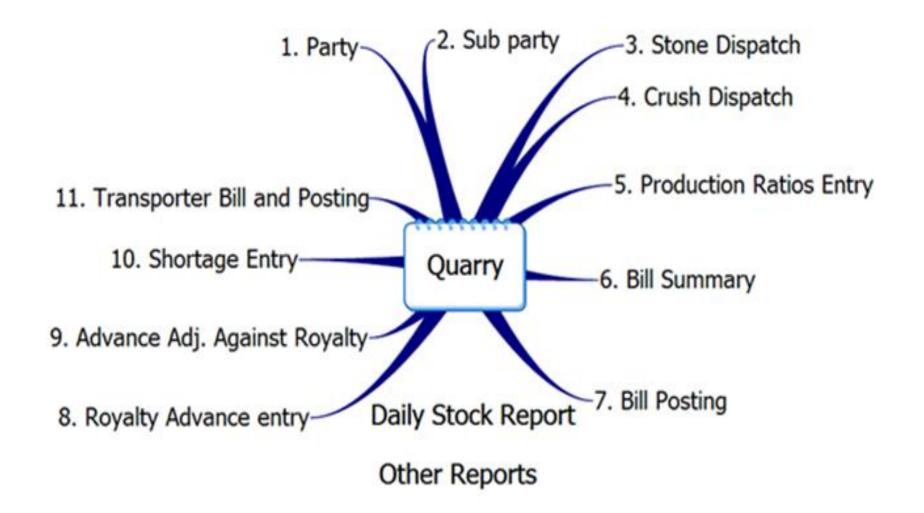
Quarry Production: Crushing Plant Production Process Map





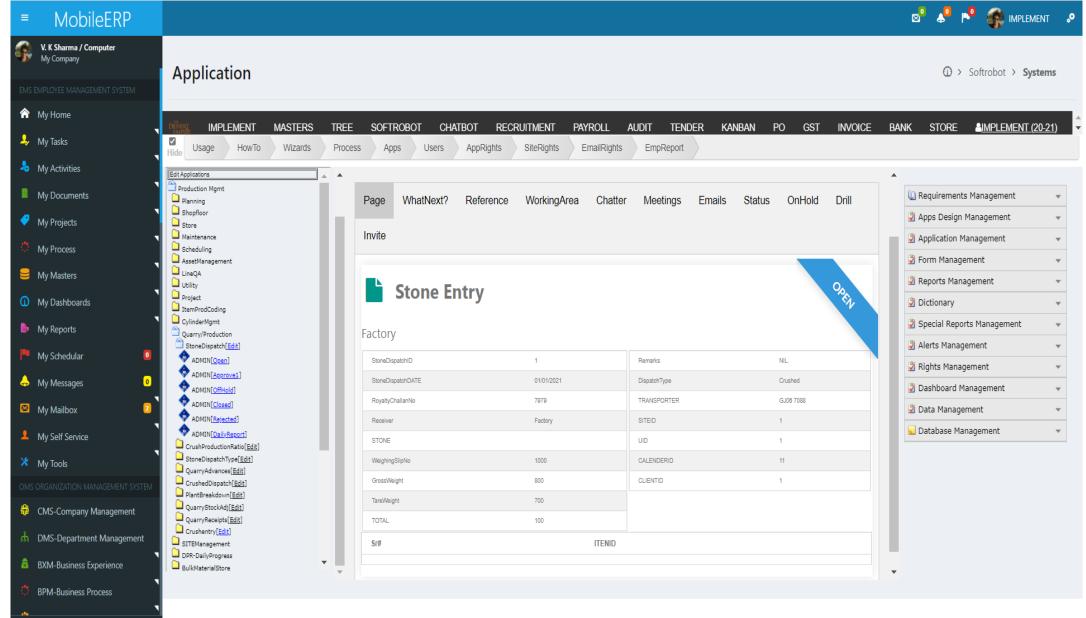


Quarry Production: Crushing Plant Software Functionality



Stone Dispatch Entry

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Stone Dispatch Register Report

oneDispatchID	StoneDispatchDATE	RoyaltyChallanNo	Receiver	STONE	WeighingSlipNo	GrossWeight	TareWeight	TOTAL	Remarks	DispatchTy
3395	01/04/2011	E10540	PIPL Crusher Plant	Rubble Stone	2656	32820	10840	21980		Crushed
3396	01/04/2011	E10541	PIPL Crusher Plant	Rubble Stone	2658	36330	10460	25870		Crushed
3397	01/04/2011	E10542	PIPL Crusher Plant	Rubble Stone	2660	33710	10760	22950	-	Crushed
3398	01/04/2011	E10543	PIPL Crusher Plant	Rubble Stone	2661	33500	10760	22740	-	Crushed
3399	01/04/2011	E10544	PIPL Crusher Plant	Rubble Stone	2664	35110	10840	24270		Crushed
3400	01/04/2011	E10545	PIPL Crusher Plant	Rubble Stone	2665	33120	10460	22660		Crushed
3401	01/04/2011	27264	PIPL Sindhrot Site	Rubble Stone	2666	26900	10090	16810		Transferred
3402	01/04/2011	27265	PIPL Sindhrot Site	Rubble Stone	2667	27480	10120	17360		Transferred
3403	01/04/2011	E10546	PIPL	Rubble	2668	33950	10760	23190		Crushed

Stone Dispatch Transporter wise Report

	patch Report								
eriod: 01/04/20	11 TO 01/04/2011	on StoneDispatch	DATE						
	PIPL-GJ23T 6468-PIPL Cru								
StoneDispatchID	StoneDispatchDATE	RoyaltyChallanNo	Receiver	STONE	WeighingSlipNo	GrossWeight	TareWeight	TOTAL	Remarks DispatchTyp
3395	01/04/2011	E10540	PIPL Crusher Plant	Rubble Stone	2656	32820	10840	21980	- Crushed
3399	01/04/2011	E10544	PIPL Crusher Plant	Rubble Stone	2664	35110	10840	24270	- Crushed
3407	01/04/2011	E10550	PIPL Crusher Plant	Rubble Stone	2672	29040	10840	18200	- Crushed
3411	01/04/2011	E10554	PIPL Crusher Plant	Rubble Stone	2683	31500	10820	20680	- Crushed
3412	01/04/2011	E10555	PIPL Crusher Plant	Rubble Stone	2686	31540	10820	20720	- Crushed
3414	01/04/2011	E10557	PIPL Crusher Plant	Rubble Stone	2703	31580	10820	20760	- Crushed
3416	01/04/2011	E10559	PIPL Crusher Plant	Rubble Stone	2708	32150	10820	21330	- Crushed
3418	01/04/2011	E10561	PIPL Crusher Plant	Rubble Stone	2710	30870	10760	20110	- Crushed
3420	01/04/2011	E10563	PIPL	Rubble	2712	30980	10820	20160	- Crushed

Stone Dispatch Receiver wise Report

StoneDispatch Report

Period: 01/04/2011 TO 01/04/2011 on StoneDispatchDATE

Receiver: PIPL Sindhrot Site

StoneDispatchID	StoneDispatchDATE	RoyaltyChallanNo	STONE	WeighingSlipNo	GrossWeight	TareWeight	TOTAL	Remarks DispatchType	TRANSPORTER
3401	01/04/2011	27264	Rubble Stone	2666	26900	10090	16810	- Transferred	PIPL-GJ23V 7916-PIPL Sindhrot site
3402	01/04/2011	27265	Rubble Stone	2667	27480	10120	17360	- Transferred	PIPL-GJ23V 7915-PIPL Sindhrot site
3423	01/04/2011	27266	Rubble Stone	2715	25680	10070	15610	- Transferred	PIPL-GJ23V 586- PIPL Sindhrot site
3425	01/04/2011	27267	Rubble Stone	2717	25440	10190	15250	- Transferred	PIPL-GJ23V 7916-PIPL Sindhrot site
3426	01/04/2011	27268	Rubble Stone	2718	26170	10140	16030	- Transferred	PIPL-GJ23V 7915-PIPL Sindhrot site
3427	01/04/2011	27269	Rubble Stone	2719	25200	10060	15140	- Transferred	PIPL-GJ23V 496- PIPL Sindhrot site
TOTAL				0	156,870.00	60,670.00	96,200.00		

Stone Dispatch Typewise Report

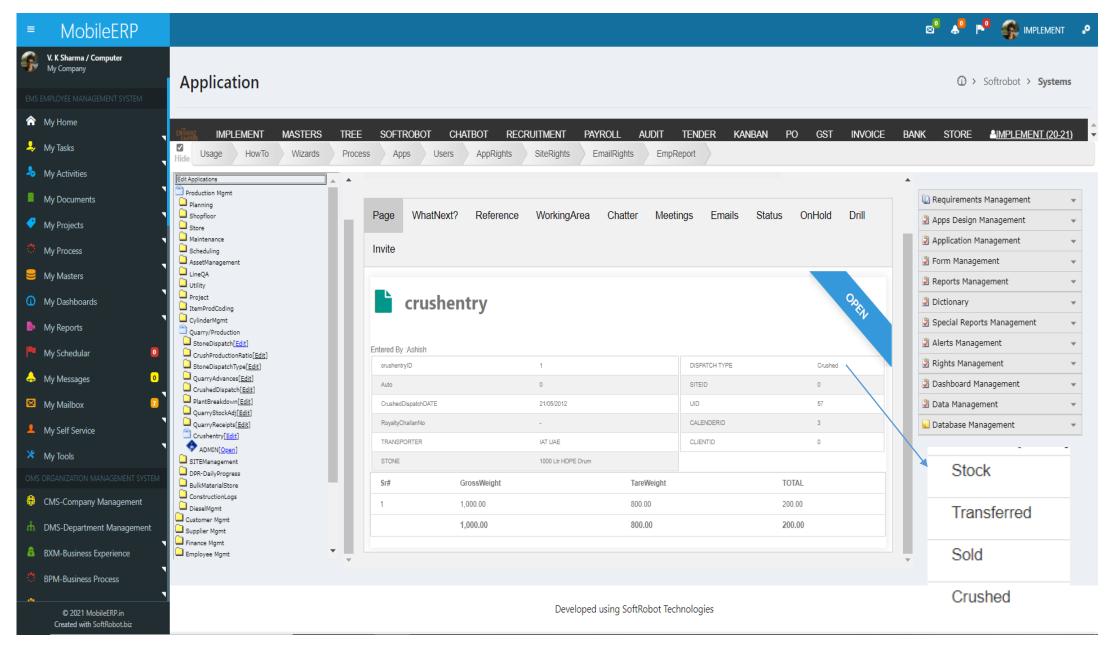
StoneDispatch Report

Period: 01/04/2011 TO 01/04/2011 on StoneDispatchDATE

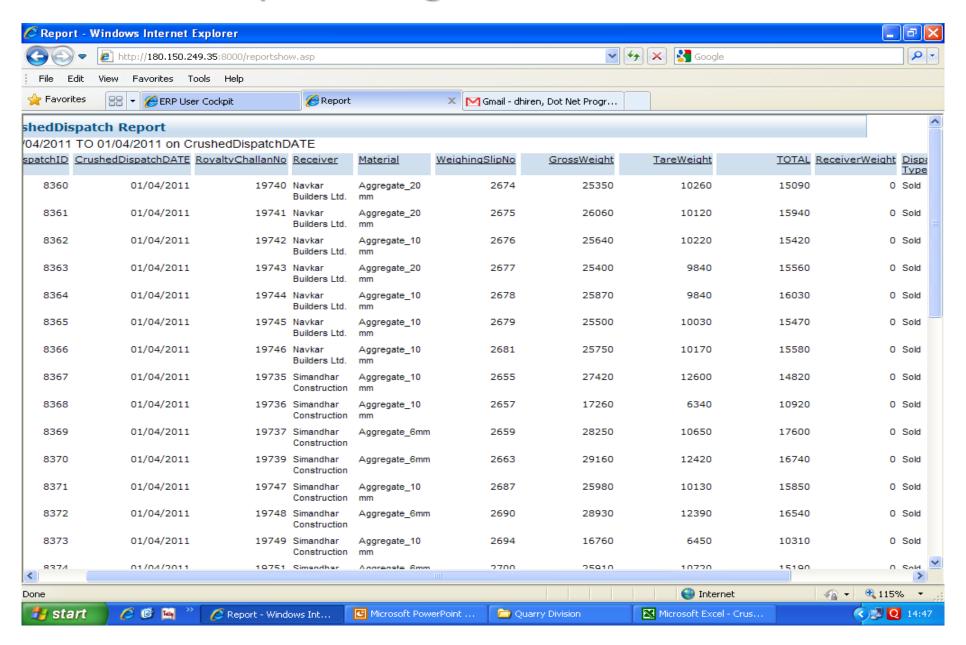
DispatchType : Crushed

StoneDispatchID	StoneDispatchDATE	RoyaltyChallanNo	Receiver	STONE	WeighingSlipNo	GrossWeight	TareWeight	TOTAL F	Remarks TRANSPORTER
3395	01/04/2011	E10540	PIPL Crusher Plant	Rubble Stone	2656	32820	10840	21980	- PIPL-GJ23T 6468-PIPL Crusher Plant
3396	01/04/2011	E10541	PIPL Crusher Plant	Rubble Stone	2658	36330	10460	25870	- PIPL-GJ23V 580- PIPL Crusher Plant
3397	01/04/2011	E10542	PIPL Crusher Plant	Rubble Stone	2660	33710	10760	22950	- PIPL-GJ23T 6469-PIPL Crusher Plant
3398	01/04/2011	E10543	PIPL Crusher Plant	Rubble Stone	2661	33500	10760	22740	- PIPL-GJ23T 6469-PIPL Crusher Plant
3399	01/04/2011	E10544	PIPL Crusher Plant	Rubble Stone	2664	35110	10840	24270	- PIPL-GJ23T 6468-PIPL Crusher Plant
3400	01/04/2011	E10545	PIPL Crusher Plant	Rubble Stone	2665	33120	10460	22660	 PIPL-GJ23V 580- PIPL Crusher Plant
3403	01/04/2011	E10546	PIPL Crusher Plant	Rubble Stone	2668	33950	10760	23190	- PIPL-GJ23T 6469-PIPL Crusher Plant
3404	01/04/2011	E10547	PIPL Crusher Plant	Rubble Stone	2669	30650	10460	20190	- PIPL-GJ23V 580- PIPL Crusher Plant

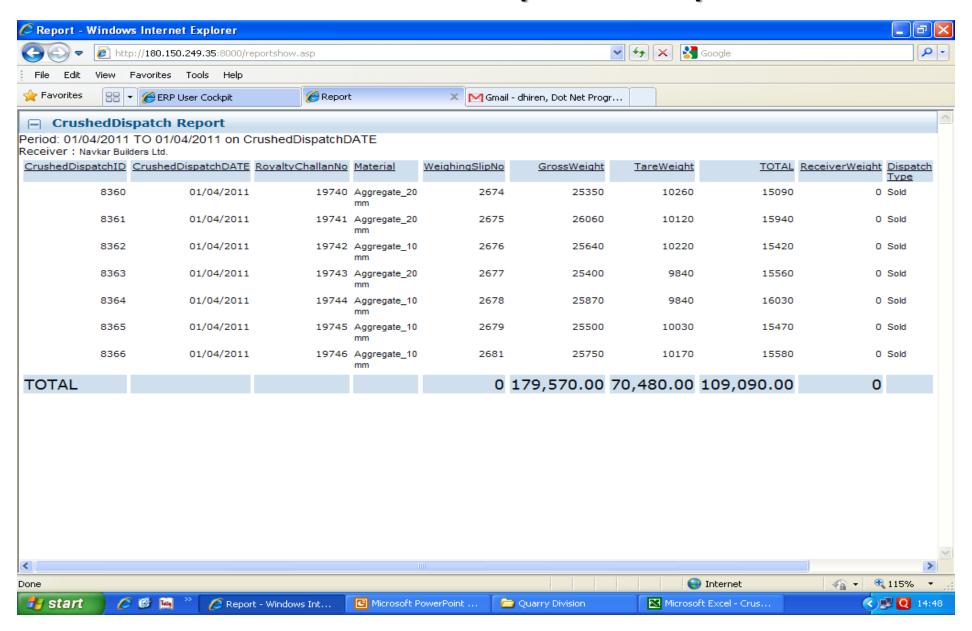
Crushed Dispatch Entry



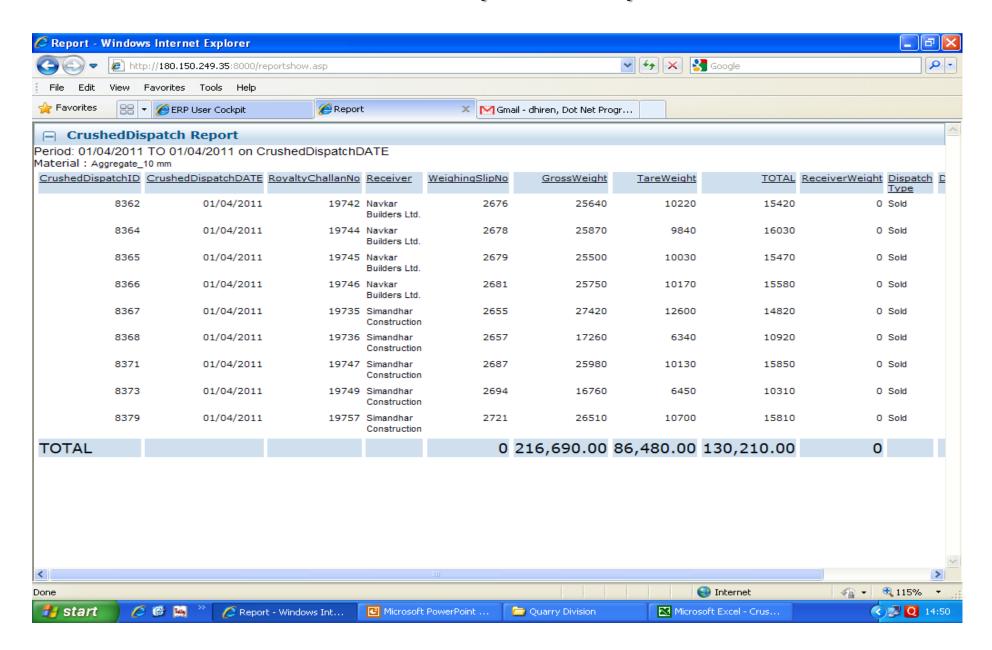
Crushed Dispatch Register



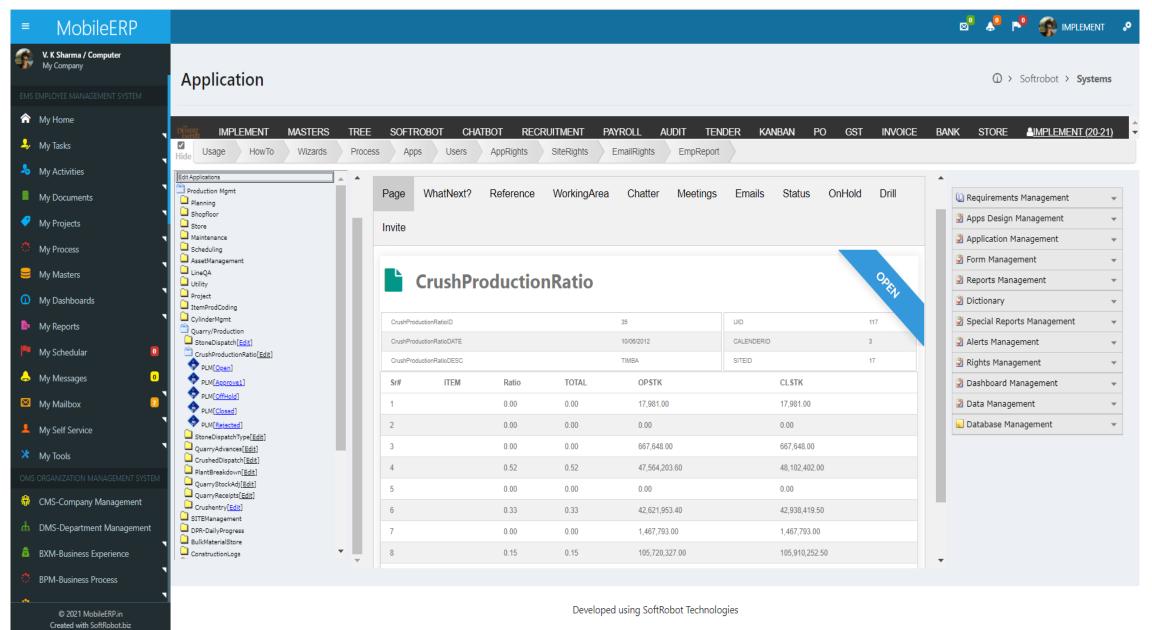
Receiver wise Crushed Dispatch Report



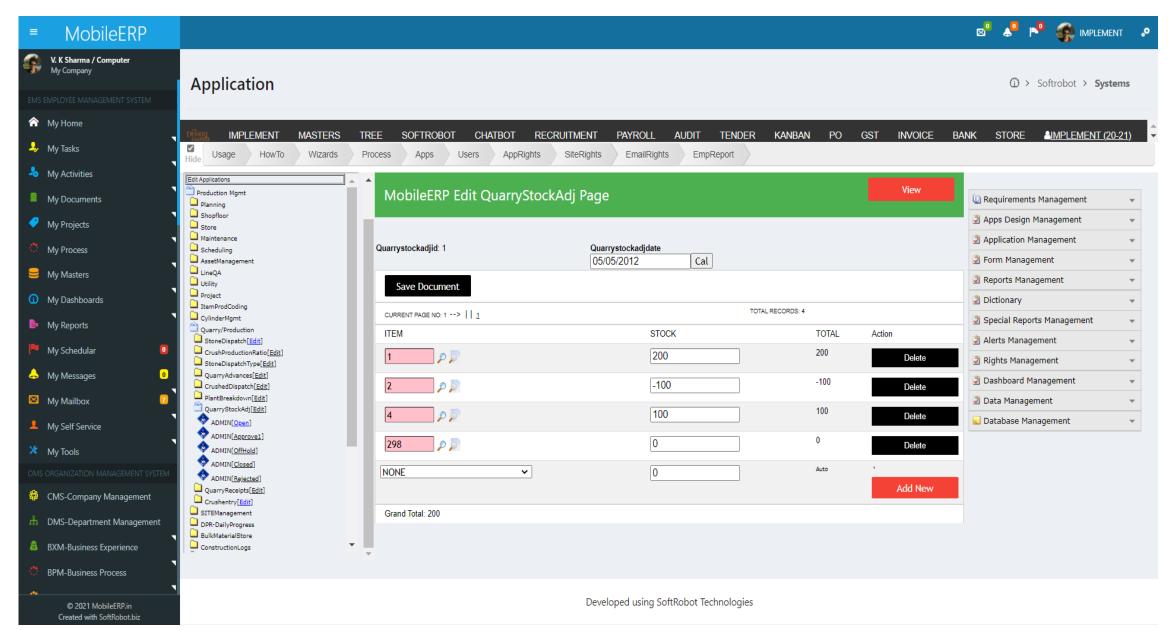
Material wise Crushed Dispatch Report



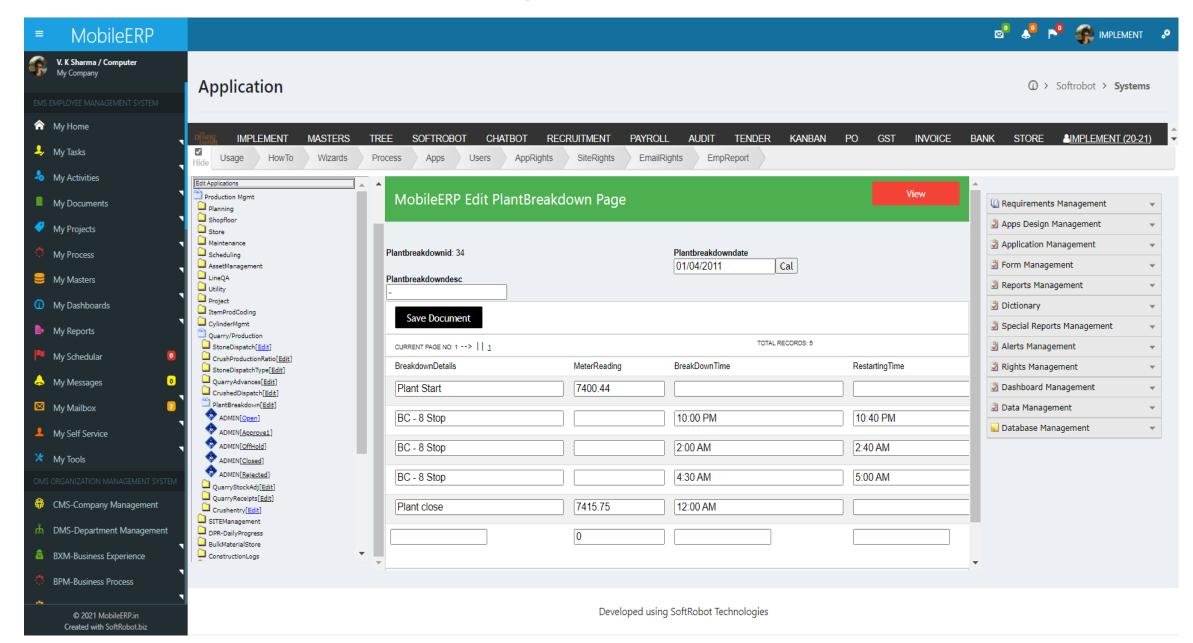
Quarry Crush Production Ratio Entry



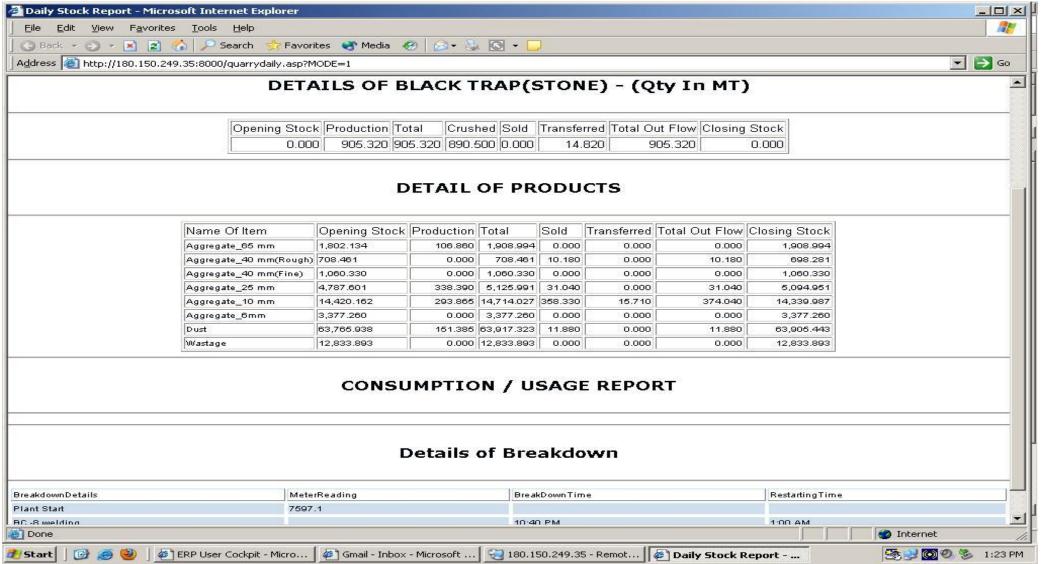
Quarry Stock Adjustment Entry



Plant Breakdown Entry



Quarry Daily consumption/usage Report



Plus Plant Breakdown Report

Quarry Production Costing Report

COMPANY NAME

QUARRY DIVISION

DAILY REPORT

DATE:-08/12/2010 Shift Reading:-- 5746.30 Cl.Reading:-- 5764.60 Hrs.Worked :-- 18.30

DETAILS OF BLACK TRAP(STONE)

(Qtv In MT)

Opening						Total		Production	Cost Per
Stock	Production	Total	Crushed	Sold	Transferred	Out Flow	Closing Stock	Cost	MT
0.000	1652.940	1652.940	1652.940	0.000	0.000	1652.940	0	12082.94	7.3099689

DETAIL OF PRODUCTS PRODUCED

(Qty In MT)

							Closing	Production
Name Of Item	Opening Stock	Production	Total	Sold	Transferrd	Total Out Flow	Stock	Cost
65 mm	7517.441	0.000	7517.441	0.000	0.000	0.000	7517.441	0
40 mm(Rough)	1284.033	0.000	1284.033	0.000	0.000	0.000	1284.033	0
40 mm(Fine)	1345.914	413.235	1759.149	56.370	0.000	56.370	1702.779	3016.6155
25 mm	4128.931	330.588	4459.519	599.540	0.000	599.540	3859.979	2413.2924
18 mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
10 mm	7118.946	413.235	7532.181	486.500	0.000	486.500	7045.681	3016.6155
6 mm	669.786	165.294	835.080	138.940	0.000	138.940	696.140	1206.6462
Dust	42235.103	281.000	42516.103	97.000	0.000	97.000	42419.103	2051.3
Wastage	8568.186	49.588	8617.774	0.000	0.000	0.000	8617.774	361.9924
TOTAL	72868.339	1652.940	74521.279	1378.350	0.000	1378.350	73142.929	12082.94

PRODUCTION COSTING

Costing		Cost Heads									
Activity	Utility	Diesel	Breakdown	Maintenance	Manpower	Royalty	Others	Misc	TOTAL		
Extraction					500				500.000		
Crushing	1830		554.000	344	500	1652.94			4880.940		
Screening					500				500.000		
Segregation					500				500.000		
Stock piling					250				250.000		
Retreival					250				250.000		
Transportation		5130			72				5202.000		
	•		•			•	•	•	12082.940		

Quarry Production Costing Breakdown Report

UTILITY CONSUMPTION	N / USAGE REP	ORT	•				1	
		Opening		Usages/ Comsumpti			Misc.	
Particulars	Unit	Unit	Closing Unit	on	Rate	Other Charges	Charges	TOTA
Electricity	unit	7800	7900	100	10	0		100
Plant Usage	Hrs	5756.3	5764.6	8.3	100	0		83

DIESEL CONSUMPTION /	USAGE	REPORT
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DIEGEE GOI	TOOM! HO!	TOURSE INEL	<u> </u>						
		Vehicle/Machine	Name of		Km/Hr				
Date	DIS No.	Name & Number	Party	Quantity Ltrs	Worked	Average	Time	RATE	TOTAL
08-12-10	13119	Excavator Cat GJ	PIPL	265.000	15.80	16.77	7;20 AM	10	2650
08-12-10	13120	Hyva GJ 23V-580	PIPL	48.000	40.90	0.85	7;30 AM	10	480
08-12-10	13121	Hyva GJ 23T-6469	PIPL	52.000	39.30	0.76	7;40 AM	10	520
08-12-10	13122	Hyva GJ 23T-6468	PIPL	58.000	42.30	0.73	7;50 AM	10	580
08-12-10	13123	LOADER GJ 7-Z 9	PIPL	85.000	6.97	12.20	8;10 AM	10	850
08-12-10	13124	Hyva GJ 23T-6346	PIPL	5.000	3.30	0.66	8;25 AM	10	50
									5130

Details of Breakdown

Details of Breakdown					
Details of Break Down	Meter Reading	Break Down Time	Restarting Time	Total Time	Repair Cost
Plant close	5730.03				250
Due to BC-6 Copoule Fault		9:30 PM	10:00 PM	00:30	50
Due to BC-1 Slip.		11:15 PM	12:00 AM	00:45	120
Due to BC-6 Copoule Fault		1:15 AM	1:30 AM	00:15	0
Due to BC-6 Copoule Fault		4:10 AM	4:25 AM	00:15	45
Due to BC-6 Copoule Fault		5:45 AM	6:00 AM	00:15	65
Plant close	5764.60	12:00 AM			24
					554

Details of Maintenace

	Details of Parts used in Plant Maintenace today	QTY	RATE	TOTAL	Labour cost	Total Cost
1	Part 1	1.00	23.00	23.00	10	33.00
4	Part 2	1.00	45.00	45.00	10	55.00
4	Part 3	1.00	40.00	40.00	10	50.00
Ц	Part 4	1.00	22.00	22.00	10	32.00
_	Part 5	1.00	44.00	44.00	10	54.00
1	Part 6	1.00	88.00	88.00	10	98.00
l	Part 7	1.00	12.00	12.00	10	22.00
1						344.00

Details of Manpower

	HRS	SALARY			
Details of Manpower used in Plant today	WORKED	PER HR	TOTAL	OT cost	Total Cost
Employee 1	9.00	37.00	333.00	43	376.00
Employee 2	9.00	40.00	360.00	0	360.00
Employee 3	9.00	37.00	333.00	0	333.00
Employee 4	9.00	37.00	333.00	0	333.00
Employee 5	9.00	37.00	333.00	0	333.00
Employee 6	9.00	56.00	504.00	0	504.00
Employee 7	9.00	37.00	333.00	0	333.00
	•				2572.00

Details of Royalty

	Total	Total	Rate of		Royalty
	Crushed in	Dispatch in	Royalty Per	Royalty	Paid (Thr
Details of Production	MT	MT	MT	Payable	Slips)
Stone Crushed	1652.94	1652.94	13.00	21488.22	21488.22

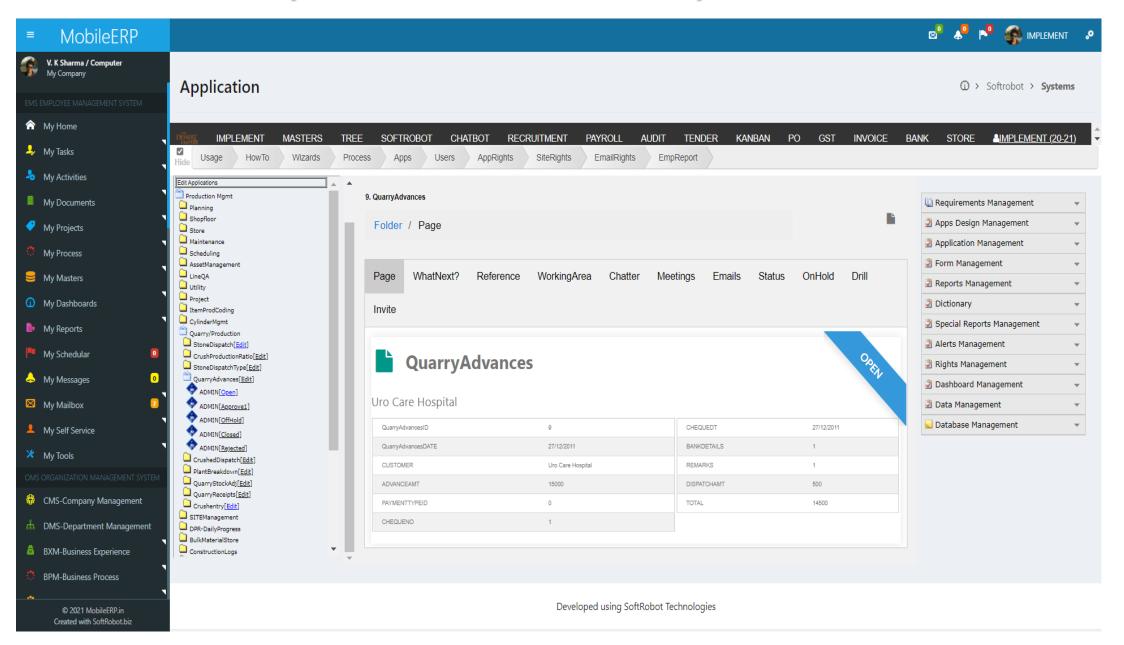
Quarry Daily Profitability Report

DETAIL OF PRODUCTS PROFITABILITY FOR DAY

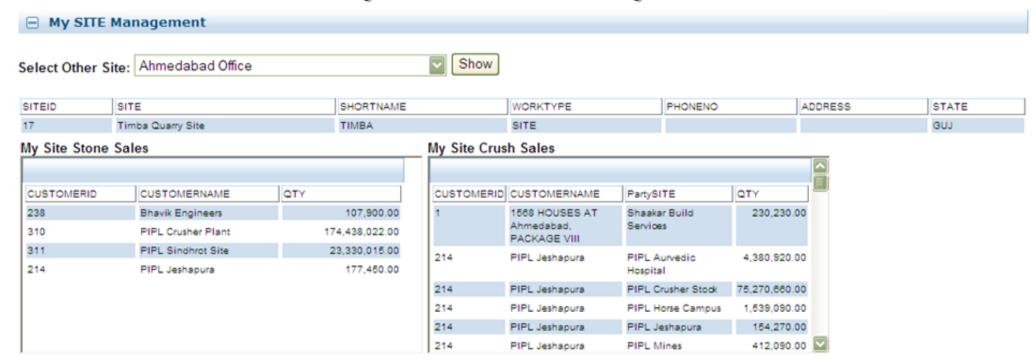
				Production	Production		
Name Of Item	Sold	Sale Rate	Sale Amount	Rate WTD	Cost	Profit	
65 mm	0.000	35.000	0.000	7.1	0	0.000	
40 mm(Rough)	0.000	25.000	0.000	6.9	0	0.000	
40 mm(Fine)	56.370	23.000	1296.510	7.3	411.501	885.009	
25 mm	599.540	26.000	15588.040	7.3	4376.642	11211.398	
18 mm	0.000	22.000	0.000	7.3	0	0.000	
10 mm	486.500	11.000	5351.500	7.3	3551.45	1800.050	
6 mm	138.940	23.000	3195.620	7.3	1014.262	2181.358	
Dust	97.000	10.000	970.000	7.3	708.1	261.900	
Wastage	0.000	0.000	0.000	7.3	0	0.000	
TOTAL	1378.350		26401.670		10061.955	16339.715	

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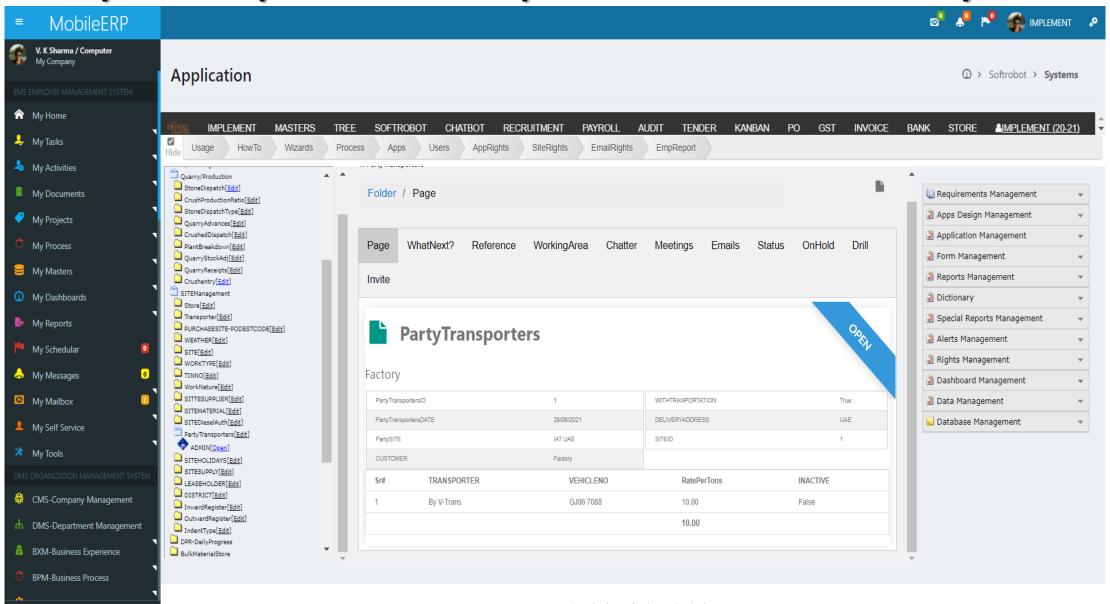
Advance Payment Order Entry



Sitewise Quarry Sales Analysis



Party Transporter Setup to control delivery



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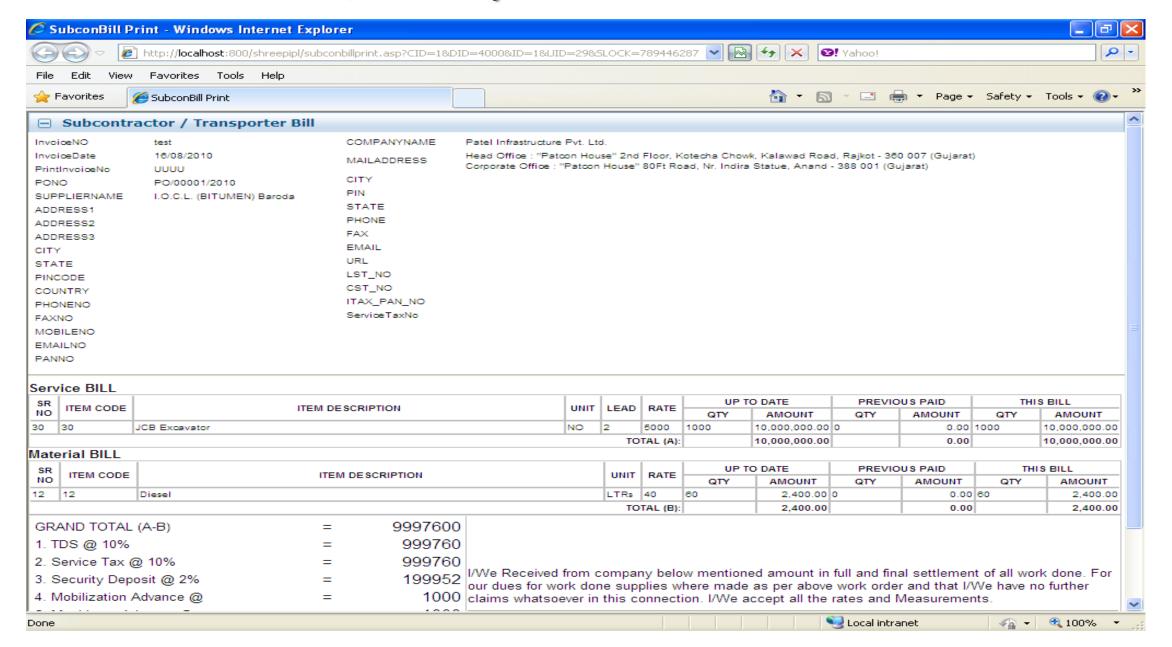
Transporter/ Subcontractor Vehicle/Machine Logbook Summary Report

Omkareshwar Camp Time Log Sheet Period From 1/10/2010 to 18/01/2011

HYWA TIPPER/9733(TIPPER/9733) Print Date 18/01/2011 12:53:10									
Date	Work Mode Starting Closing TOTAL NW Description		Diesel (Qty)	MR No					
09/10/2010	Working	2586.6	2603	16.40000000000001	0	LOADING AND UNLOADING WORK AT SITE	0)	
11/10/2010	Working	2622.8	2634.1	11.299999999997	-1	MATERIAL LOADING AND DUMPING AT SITE CH.144.450 TO 144.500 TOTAL 18 TRIP	C		
13/10/2010	Working	2659.2	2690.8	31.60000000000004	0	LOADING AND UNLOADING WORK AT SITE 10 TRIPS	0		
14/10/2010	Working	2690.8	2726	35.1999999999998	0	MATERIAL LOADING AND UNLOADING 14 TRIPS AT SITE	0)	
15/10/2010	Working	2726	2779.7	53.699999999998		0 CH.160.010(V.R.B)MATRIAL LOADING TRIP= 10 CH. 158.711(D.S.G) MATRIAL LOADING TRIP= 2 TOTAL TRIP= 12 CH 144.580 TO 144.600			
24/10/2010	Working	2910.1	2917.3	7.20000000000027		0 loading ch. 147.850 to 147.99 adn dumping by ch.146.630 to 146.910 i.p. side)	
25/10/2010	Working	2917.3	2989.1	71.7999999999997	0	162.400 to 162.030 road filling s.r. side and i.p.side total trip 28	0)	
26/10/2010	Working	2947.3	3013.9	66.599999999999	0	162.400 and 162.300 cutting and road slap cutting and firip	0)	
	Tota	al		293.8	0		0)	

Summary					
Work Mode (Per KM)	Total				
Working	293.8				
Idle	0				
BreakDown	0				
ShutDown	0				
Diesel Issued	0				
Diesel Avg	0				
Working Days	8				
Total Days	8				

Subcontractor/Transporter Bill





consulting Quarry ERP Quarry ERP

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