

PROJECT / PRE FEASIBILITY REPORT OF KELA MELA MARBEL AREA

INTRODUCTION

Company Profile

M/s RDSA MINING LPP is registered under section 12(1) of the Limited Liability Partnership Act 2008 on dated 5th June 2015. The LLP Identification Number is AAE-1008.

RDSA Mining LPP to deal, whether in India or abroad in Building stones (Marble, Granite etc.) & Industrial Minerals (Red ochre, Laterite, Gypsum etc.) thereof, to carry on the business of prospecting, exploring, procuring, mining & working to own & hold mines. Enriched with the heritage of R.K. Marble, a leading name in the marble industry, our corporate culture is built on the values of quality, trust and transparency. An emphasis on technological superiority enables us to differentiate our offering through impeccable quality and effective communication. With an extensive network of dealers & retailers, we own a position in the premium segment of the market.

Government of Rajasthan, Department of Mines & Geology had notified this Marble Mineeral Block in Protected Forest Area as as plot no. 02/2019 near village Kela- Mela in Tehsil- Pipalkhunt and District - Partapgarh (Raj.). On dated 06.11.2020. The RDSA MINING LPP, Patni Sadan, Telli Mohallah, Madanganj- Kishangarh Dist – Ajmer (Raj.)305801, participated for auction in this Marble Mineral block and declared as Successful bidder on 25 th November 2020 on thia basis highest bid amount of Rs- amount Rs- 55,88,500/- (Fifty Five lakh Eighty Eight thousand Five Hundred only). The Mining lease plot no. 02/2019 over an area 10.4162 hectare.

The Mining lease area fall in part of Forest land & Khasra no. Various of Kela-Mela village, Tehsil- Pipalkhunt and District - Partapgarh (Raj.).

During mining approx. 50% recovery will be of Blocks and balance 50 % will be Marble Khanda & other rock as waste. The waste as khanda generated during mining will be studied by outsource agencies for utilization in other industries at nearby areas.

Details of E- Auction Process

S.No.	Activity	Date
1	Advertisement for e-auction Refer as Annexure no. 1	06.11.2020
2	Application fees and Bid Security deposition date	20.11.2020
3	E-auction date	25.11.2020
4	Successful Bidder Declaration Date (Refer as Annexure no. 3)	25.11.2020
5	First Installment (40% of premium offered price of 22,50,000/-) Deposition Date (Refer as Annexure no. 4)	27.11.2020
6	Issuance of letter of intent (LOI) by State Government (Refer as Annexure no. 5)	12.05.2021

Condition stipulated in LOI are under progress for the the compliances and will be complied within given period.

As Auction LOI area is part of Forest Land and falls in Sagwari Bhutkhora Block (Class-III, Open Forest) of Protected Forest land. Application will be made in Form "A" for seeking prior of Central Govt. under section 2 of the Forest(Conservation) Act,1980 for diversion of fresh forest area.

Mining plan was approved vide letter no. SME/Udai.-CIR/Mine-Plan/Pratap/F-03/2021/96 Dt 15th June 2021 from Supdt. Mining Engineer, Udaipur circle Udaipur (Raj.) under Rule 29 (1) and Rule 29 (5) (vi) of R.M.M.C.R., 2017.

The ML area delineated plot measuring 10.4162 Hect is situated in Protected Forest land of revenue village Kela Mela, Tehsil Pipalkhunt and District Partapgarh (Raj).

A mining proposal has been drawn to produce 3.00 lakh tonnes of total excavation per year from first year on ward. The Marble Blocks will be sell out to Gang saw factory and Khanda as waste which will be dump at earmarked area within ML and later will be studied by outsource agencies for utilization in other industries at nearby areas. The deposit will be worked out by fully mechanized opencast method of mining with the help of heavy earth moving machineries.

=====*****=====

RDSA MINING LLP


(V.K. GHIYA)
Chief Executive Officer

Chapter 1:

General Information about Applicant

(a) Name and Address of the Applicant

M/s RDSA MINING LPP	
Working Office : A-404, Amarvilas Apartment, Manish Enclave, Opp. New RTO Office, Bhuwana, Udaipur (Raj.) 313004.	Registered Office : Patni Sadan, Telli Mohallah, Madanganj-Kishangarh Dist – Ajmer (Raj.) 305801
Phone No.+91-9829071402 E MAIL: vkghiya@rdsamining.com	

(b) Status of the Applicant – Limited Liability Partnership.

(c) Details of the Mining Lease

Details of M.L. = Delineated Plot no. 02 / 2019, N/v- KelaMela,
Tehsil- Pipalkhunt, Dist.- Partapgarh (Raj)

Name of Minerals = Marble

Description report of the mining lease area

Latitude & Longitude report of the area:-

Pillar no.	Latitude (N)	Longitude (E)
A	23° 41' 59.83499"	74° 33' 37.91593"
B	23° 42' 0.18715"	74° 33' 45.91488"
C	23° 41' 57.65554"	74° 33' 47.61837"
D	23° 41' 53.30362"	74° 33' 49.50438"
E	23° 41' 48.36404"	74° 33' 50.54481"
F	23° 41' 46.02452"	74° 33' 51.39280"
G	23° 41' 43.26254"	74° 33' 51.83292"
H	23° 41' 41.64062"	74° 33' 53.21539"
I	23° 41' 38.26188"	74° 33' 54.28591"
J	23° 41' 36.24668"	74° 33' 54.53974"
K	23° 41' 34.75262"	74° 33' 55.14496"
L	23° 41' 34.55239"	74° 33' 53.45161"
M	23° 41' 47.24475"	74° 33' 45.60463"
N	23° 41' 48.20861"	74° 33' 47.86606"
O	23° 41' 55.56082"	74° 33' 42.71686"
P	23° 41' 54.95873"	74° 33' 40.83828"

RDSA MINING LLP


(V.K. GHIYA)
Chief Executive Officer

(d) Location map of the mining lease showing the details of the approach roads up to the mine:-

The Delineation plot area falls west of village Kela-Mela at about 0.75 Km. The village Kela-Mela is connected to Tehsil Pipalkhunt by tar road and is about 12.0 Km distances in NE direction. The Pipalkhunt situated on NH-113 (Banswara to Pratapgarh) and Dist HQ Pratapgrah is about 40 Km far from Pipalkhunt and about 52 Km far from Kela-Mela village.

Details of the Delineation mining plot no. 02/2019

Near Village	Tehsil	Dist. & State	Khasra No.	Status of land	Area (Hect.)	Period
Kela-Mela	Pipalkhunt	Pratapgarh Rajasthan	1970 & 1988	Forest land	10.4162	New lease

(e) Infrastructure

Nearest Railway – The nearest railway station is Mandsaur (MP) situated at 85 Km from delineated area.

Police station – The nearest Police station is at Pipalkhunt (12 Km).

Post Office– The nearest Post Office is at Pipalkhunt (12 Km).

Medical Facilities– Nearest Hospital is at Pipalkhunt (12 Km).

Education Facility – The primary & secondary school facility is available at Kela Mela & Higher Education facility at Pipalkhunt & Pratapgarh.

Availability of water –The drinking water can be brought from the wells from Kela Mela village.

Electricity – The Electric Line with facility available at village Kela-Mela. The electric facility is not available at mining site. Electricity connection can be taken from 33 KV line is available in Kela-Mela sub station but presently 11 KV supply only.

Climate – The climate in the area is dry except SW monsoon season. The Cold season is from Dec. to Feb. and is followed by Summer from Mar. to June. From mid Sept. to end of Nov. constitute post monsoon season. The Temperature varies 43⁰ to

46° C in summer and 5° to 10° C in winter. The avg. Rainfall is 845.80 mm, Most of the rain falls during the period of July to September.

Mode of Transport of Mineral – Tippers, Trucks & Trailer.

River/canal/pound – No river/canal/pound was found within the mining area.

Details of Mining Lease of RDSA Mining LPP

S.No.	Name of Mine / N/v Village	ML No.	Total Area (In Ha.)	For Mineral	Lease Period	Status
1	N/ v- Manji Ka Gurha, Teh.- Bhadesar Distt.- Chittorgarh	27/2013	4.9457	Red Ochre	13/10/2017 to 12/10 /2067	Working Mine
2	N/ v- Manji Ka Gurha, Teh.- Bhadesar Distt.- Chittorgarh	28/2013	4.9556	Red Ochre	26/5/2017 to 25/5 /2067	Working Mine
3	N/ v- Manji Ka Gurha, Teh.- Bhadesar Distt.- Chittorgarh	29/2013	4.3047	Red Ochre	26/5/2017 to 25/5 /2067	Working Mine
4	N/ v- Manji Ka Gurha, Teh.- Bhadesar Distt.- Chittorgarh	30/2013	4.9430	Red Ochre	15/5/2017 to 14/5 /2067	Working Mine
5	N/ v- Manji Ka Gurha, Teh.- Bhadesar Distt.- Chittorgarh	162/2013	4.3622	Red Ochre	1/5/2014 to 30/4 /2064	Working Mine
6	N/V- Devla, Tehsil- Dhaiyavad, Distt.- Pratapgarh (Raj.)	05 1997	1.00	Limeston e	19.07.97 to 30 Yr.	Working Mine
7	N/V- Devla, Tehsil- Dhaiyavad, Distt.- Pratapgarh (Raj.)	01 2010	1.00	Limeston c	28.03.12 to 30 Yr.	Working Mine
8	N/V- Badali Fala, Tehsil-Dhaiyavad, Distt.-Pratapgarh (Raj.)	02 2010	1.00	Marble	06.03.2011 to 30 Yr.	Working Mine
9	N/V- Badali Fala, Tehsil-Dhaiyavad, Distt.-Pratapgarh (Raj.)	04 2010	1.00	Marble	17.12.2011 to 30 Yr.	Working Mine
10	N/V- Badali Fala, Tehsil-Dhaiyavad,	05 2010	1.00	Marble	09.01.2011 to 30 Yr.	Working Mine

	Distt.-Pratapgarh (Raj.)					
11	N/V- Badali Fala, Tehsil-Dhaiyavad, Distt.-Pratapgarh (Raj.)	60 2009	1.00	Marble	21.12.2010 to 30 Yr.	Working Mine
12	N/V- Kekari Fala, Tehsil-Dhaiyavad, Distt.-Pratapgarh (Raj.)	61 2009	1.00	Marble	13.01.2010 to 30 Yr.	Working Mine

=====*****=====

RDSA MINING LLP


(V.K. GHIYA)
Chief Executive Officer

2 : GEOLOGY AND EXPLORATION

The fieldwork comprising of topographical survey and geological mapping and data collection was done in different phases. The contouring for the LOI area was undertaken. There is no pit exist in the LOI area.

(a) **Physiography & Drainage** – The topography of the area is rugged and undulating the highest hill is T.I 372 above MSL on the Deccan trap hills. High hills are occupied by Deccan trap and low lying valleys and hillocks by granites gneisses, phyllites and quartzite's etc. River Mahi river flows near by the area from south to north. The drainage of the area is towards Mahi river.

The area is mostly covered by moderate to thickly populated forest. The common trees are Sagwan, mango, Teak, Mahua, Neem, Timroo etc. The marble deposit mostly falls in forest. In the plains seasonal crops like wheat, maize and gram are produced.

(b) **Regional Geology**– The part of the Aravalli super group, the Mokandpura formation (san Gupta 1972-73) is exposed in this area. It comprises Dolomite, Limestone, Phyllite, Schist and Quartzite's. These rocks are intruded by granite, pegmatite and Amphibolite's. High Hills are occupied by Deccan Traps.

The Following is the Geo-succession:

Recent	:	Alluvium/Soil cover
Cretaceous	:	Basalt (Deccan traps)
Post Aravalli intrusive	:	Quartz Vein, Pegmatites, Amphibolite and Granites.
Aravalli super Group	:	Quartzite, Limestone/Dolomite/Silicate Schist Phyllite Granite Gneisses

Marble is a crystalline variety of limestone/ dolomite and is generally medium to fine grained and white in colour with various shades, strips, spots and takes good polish. Deposits of crystalline dolomite (Marble) occur near Pipalkhunt for a strike

length of about 7 to 8 Kms. and width varying from 200 mts. to 700 mts. Gresy & Pink colored crystalline limestone occurs near Kelamela & Danta village. It takes good polish and is being used as marble.

(c) Local Geology :

Recent	Alluvium/Soil
Post Aravalli intrusive	Quartz Vein, Amphibolite
Aravalli Super group	Limestone(Marble) Schist & Phyllite

(d) Exploration:

Except the regional scale geological mapping done by GSI/DMG, Rajasthan, and no other agency carried out exploratory work. The exposure seen in the area the reserve of the Marbles are assured for the LOI area.

(e) Future Programme of Exploration

Total 02 core bore holes will be Proposed to be drilled Up to 50 m depth to prove entire mineralized area. All the holes are proposed to be vertical. These holes are proposed to be drilled in first year of plan period.

(g) Reserves:

Measured (Proved) Category

Section line	Cross sectional Area (Sqm)	Length of Influence (m)	Volume (Cum.)	Tonnage (Vol.x2.7)	Marbel Recovery (50%) Tonnage	Waste (50%) Tonnage	Remarks
B-B'	4635	110	509850	1376594	688297	688297	Depth Considered up to 250.0 mRL as lowest contour level in area.
C-C'	2289	100	228900	618030	309015	309015	
D-D'	1738	100	173800	469260	234630	234630	
E-E'	1009	100	100900	272430	136215	136215	
F-F'	1822	100	182200	491940	245970	245970	
G-G'	1201	100	120100	324270	162135	162135	
H-H'	1456	100	145600	393120	196560	196560	
I-I'	877	132	115764	312563	156281	156281	
TOTAL			1577114	4258207	2129103	2129103	

Indicated(Probable) Category

Section line	Cross sectional Area (Sqm)	Length of Influence (m)	Volume (Cum.)	Tonnage (Vol.x2.7)	Marbel Recovery(50%) Tonnage	Waste (50%) Tonnage	Remarks
B-B'	1693	110	186230	502821	251410	251410	Depth Considered up to 10 m (240.0 mRL) extension below lowest contour level in area.
C-C'	1138	100	113800	307260	153630	153630	
D-D'	943	100	94300	254610	127305	127305	
E-E'	499	100	49900	134730	67365	67365	
F-F'	604	100	60400	163080	81540	81540	
G-G'	446	100	44600	120420	60210	60210	
H-H'	481	100	48100	129870	64935	64935	
I-I'	272	132	35904	96941	48470	48470	
TOTAL			633234	1709732	854865	854865	

Inferred (Possible) Category

Section line	Cross sectional Area (Sqm)	Length of Influence (m)	Volume (Cum.)	Tonnage (Vol.x2.7)	Marbel Recovery (50%) Tonnage	Waste (50%) Tonnage	Remarks
B-B'	1635	110	179850	485594	242797	242797	Depth Considered up to 10 m (230.0 mRL) extension below Indicated Category
C-C'	1080	100	108000	291600	145800	145800	
D-D'	885	100	88500	238950	119475	119475	
E-E'	441	100	44100	119070	59535	59535	
F-F'	547	100	54700	147690	73845	73845	
G-G'	338	100	33800	91260	45630	45630	
H-H'	424	100	42400	114480	57240	57240	
I-I'	215	132	28380	76626	38313	38313	
TOTAL			579730	1565270	782635	782635	

Summary of Geological Resource/Reserve

Nature of Reserve	Volume	Tonnage	Marble Recovery (50%) in Tonnage	50% Waste Mineral in Tonnage
Measured(Proved)-331	1577114	42,58,208	21,29,104	21,29,104
Indicated(Probable)-332	633234	17,09,732	8,54,866	8,54,866
Inferred(Possible)-333	579730	15,65,271	7,82,636	7,82,636
Total	2790078	77,33,211	37,66,605	37,66,605

Total mineable reserve is given below

Nature of Resource/Reserve	Volume	TONNAGE	Total Blocked in Tonnage			Mineable Reserve (Tonnage)
			Along lease boundary	Ultimate pit limit	Total Blocked	
Measured (Proved)-331	1577114	42,58,208	396460	256717	653177	3605031
Indicated (Probable)-332	633234	17,09,732	144388	139307	283695	1426037
Total			540849	396024	936873	5031067

Anticipated Life of Mine

As per demand maximum production in 5th year on ward 300000 Tonnage of excavation per annum is considered.

Sr no.	Particulars	
1	Mineable (Recoverable Reserve)	5031067 Tonnage
2	Excavation during mining plan period	1500000 Tonnage
3	Remaining reserve to be mined	3531067 Tonnage
4	Rate of production 5 TH year on wards	300000 Tonnage
5	Life of mine	11.77 (say 12 year)
6	Total life of mine	17 Years

The Life of mine may change depend upon the Market demand, rate of production, mineral proved after exploration and the extent of mechanization.

=====*****=====

RDSA MINING LLP

(V.K. GHIYA)
Chief Executive Officer

3.0 Mining factors or assumptions.

3(a) The method and assumptions used to convert the Mineral Resource to a Mineral Reserve (i.e. either by application of appropriate factors by optimization or by preliminary or detailed design supported with Conceptual plan for mining).

Existing method for excavation:

Mining has not yet commenced, for granted mining lease area, issued LOI through e-auction process by State Govt. and area is fresh.

Summary of Year wise proposed production of minerals and waste

Year	Total Mineral Excavations		Total Rock Excavation and Recovery in Tonnage				
	Cum	Tones	Marble Blocks(35%)	Marble Luffer(15%)	Waste Marble Khanda (40%)	Other Waste (10%)	Total TONNAGE
1 st	111111	300000	105000	45000	120000	30000	300000
2 nd	111111	300000	105000	45000	120000	30000	300000
3 rd	111111	300000	105000	45000	120000	30000	300000
4 th	111111	300000	105000	45000	120000	30000	300000
5 th	111111	300000	105000	45000	120000	30000	300000
Total	555555	1500000	525000	225000	600000	150000	1500000

Proposed method for excavation: Mechanized Opencast Mining

Proposed Design Parameters:

Operating Parameters:

Particulars	
No. of working Days	300
No. of Shifts per day	2
Production (Total Excavation) per year (Max) in Cum	111111
Total Rock handling in Cum. In-situ per day	370
Total Rock handling per day in Tones	1000
Rock handling per shift in Tones	500

Note : Considered Avg. Sp. Gravity taken from weighted avg. of total rock handling is 2.70.

Equipment Required:

Sl. No.	Machinery	Units	HP	Capacity
1.	TATA 220 / KOMATSU 210 (01 for Rock Breaker)	02	246	1.00 m3
2.	Rock Breaker	01	150	
3.	Rock Drill Wagon, Atlas Copco ICM 260	01	280	115 mm Dia
4.	Tippers	3	280	16.0 m3
5.	Water Tanker, 10 KL capacity	01	260	10 KLD
6.	Workshop Compressor	01	XAH210	
7.	Diesel Tanker	01		1000 Ltrs.
8.	Jeep / Pick up	01		
9.	Loader	01		3.00 M ³
10.	Dozer (D-65)	01		
11.	Bolero/Scorpio	01		
12.	JCB Backhoe Loader	01		
13.	Maintenance Van (Mobile)	01		
14.	Comando Drill	01		32 mm Dia
15.	Compressor	02	100 HP	
16.	Wire Saw	2	20 HP	
17.	Wire Saw	2	30 HP	
18.	Wire Saw	2	40 HP	
19.	Wire Saw	2	60 HP	
20.	Hydra	01		
21.	Hydraulic Jack	01		1000 Tone
22.	Derrick Crane	01		
23.	Water Pump	5	1 HP	
24.	Transformer	01		1000 KVA
25.	Circuit Breaker	01		
26.	Weigh Bridge	01		120 Tone

=====*****=====

RDSA MINING LLP


(V.K. GHIYA)
Chief Executive Officer

4.0 Cost and revenue factors

4.0 (a) Direct & Indirect cost of Mining

Planned capital expenditure is as follows:

Item	Cost/Unit	No. of unit	Cost
TATA 220 / KOMATSU 210	5500000	1	5,500,000
Rock Breaker	7500000	1	7,500,000
Rock Drill Wagon, Atlas Copco ICM 260	6500000	1	6,500,000
Tipppers	4000000	3	12,000,000
Loader	8500000	1	8,500,000
Dozer (D-65)	9000000	1	9,000,000
Bolero/Scorpio	1200000	1	1,200,000
Comando Drill	6000000	1	6,000,000
Compressor	200000	2	400,000
Wire Saw	170000	2	340,000
Wire Saw	220000	2	440,000
Wire Saw	260000	2	520,000
Wire Saw	350000	2	700,000
Hydra	1500000	1	1,500,000
Hydraulic Jack	18500	1	18,500
Derrick Crane	3000000	1	3,000,000
Water Pump	4200	5	21,000
Transformer	750000	1	750,000
Circuit Breaker	150000	1	150,000
Weigh Bridge	5000000	1	5,000,000
Mining Plan	200000	1	200,000
Environment Clearance	1000000	1	1,000,000
E-AUCTION COST	5588500	1	5,588,500
Diversion cost for FC Clearance	1500000	10.4162	15,624,300
FC Clearance cost for consultant	2000000	1	2,000,000
Total Capital Expenditure			93,452,300

Total Capital requirement is around Rs. 9.34 crore, out of which 70% will be loan from the financial institutions and remaining 30% shall be through promoter's contribution Interest rate considered only 5 % as depreciation is considered in cash outflow for calculation of Net Present Value.

Cost per tons of Marble is estimated as follows:

Mining cost is calculated based on mining expenses, other govt. taxes and premium paid on being declared successful bidder to Government. Interest is at the rate of 5% with depreciation on capital expenditures. Depreciation is calculated on straight line method with equipment life in years.

Marble		
S no.	Cost head	Cost (Rs./t)
1	Mining Block Cutting cost (Including manpower)	494.46
2	Overhead Cost @ 1% of Mining	4.94
3	Depreciation	49.39
4	Royalty	265
5	Premium amount	1.11
6	Forest Clearance	3.50
7	Interest	21.80
8	Other item (DMFT & RSMET)	31.8
	Grand Total (Cost per ton of Marble)	872.00

Mining cost per tons works out to Rs. 872 for Marble Block including royalty, premium, Forest clearance, DMFT, RSMET, depreciation, interest and overheads. Overhead cost taken 1% of the mining block cost, Premium amount (Rs.55,88,500) divided by total mineable reserve (50,31,067 Tones) and forest clearance amount comes from Rs. 15,00,000/Ha. (Including NPV is Rs. 6,26,000/Ha. And Rs. 8,74,000/Ha. Compensatory land cost which is to be surrender equal to forest land + Rs. 20,00,000 for consultation fees). Estimated capital expenditure is around Rs. 9.34 Crore of which 70% will be in the form of loan. The capital expenditure includes the estimated expenditure for equipment's, Workshop, Office, An Storage , Expenses for Mining Plan and Environment compliances, and weigh Bridge etc. Discounted Cash flow (DCF) rate of return has been worked out and it is positive at 12 % and negative at 16%. Internal rate of Return (IRR) works out to 15.83%.

DEPRECIATION			
Item	Cost	Life	Depreciation
TATA 220 / KOMATSU 210	5,500,000	10	550,000
Rock Breaker	7,500,000	10	750,000
Rock Drill Wagon, Atlas Copco ICM 260	6,500,000	10	650,000
Tippers	12,000,000	10	1,200,000
Loader	8,500,000	10	850,000
Dozer (D-65)	9,000,000	10	900,000
Bolero/Scorpio	1,200,000	10	120,000
Comando Drill	6,000,000	10	600,000
Compressor	400,000	10	40,000
Wire Saw	340,000	10	34,000
Wire Saw	440,000	10	44,000
Wire Saw	520,000	10	52,000
Wire Saw	700,000	10	70,000
Hydra	1,500,000	10	150,000
Hydraulic Jack	18,500	10	1,850
Derrick Crane	3,000,000	10	300,000
Water Pump	21,000	10	2,100
Transformer	750,000	10	75,000
Circuit Breaker	150,000	10	15,000
Weigh Bridge	5,000,000	10	500,000
Mining Plan	200,000	10	20,000
Environment Clearence	1,000,000	50	20,000
E-AUCTION COST one time	5,588,500	50	111,770
Diversion cost for FC Clearance	15,624,300	50	312,486
FC Clearance cost for consultant	2,000,000	50	40,000
TOTAL	93,452,300		7,408,206

RDSA MINING LLP


(V.K. GHIYA)

Chief Executive Officer

The assumptions for revenue is made considering commodity prices, exchange rates, transportation charges, etc.

<i>Marble Area 10.4162 ha.</i>										
Cost per tonn of Marble (Including Depreciation, Overhead expenses, Royalty, Transport)							Rs-872			
Average Sale price per tonn of Marble likely to be realised							Rs-1000			
YEAR	1	2	3	4	5	6	7	8	9	10
PRODUCTION	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
REVENUE	150000000	150000000	150000000	150000000	150000000	150000000	150000000	150000000	150000000	150000000
COST OF PROD. INCLUDING DEPRECIATION	130800000	130800000	130800000	130800000	130800000	130800000	130800000	130800000	130800000	130800000
TOTAL OPERATING COST	130800000	130800000	130800000	130800000	130800000	130800000	130800000	130800000	130800000	130800000
GROSS OPERATING INCOM	19200000	19200000	19200000	19200000	19200000	19200000	19200000	19200000	19200000	19200000
BALANCE INCOME	19200000	19200000	19200000	19200000	19200000	19200000	19200000	19200000	19200000	19200000
PROJECT CASH FLOW	19200000	19200000	19200000	19200000	19200000	19200000	19200000	19200000	19200000	19200000

RDSA MINING LLP


(V.K. GHIYA)
Chief Executive Officer

DISCOUNTED CASH FLOW STATEMENT								
			DISCOUNTED CASH FLOW@ 12%			DISCOUNT CASH FLOW @ 16%		
YEAR	CASH OUTFLOW	CASH INFLOW	P.V. FACTOR	CASH OUTFLOW	CASH INFLOW	P.V. FACTOR	CASH OUTFLOW	CASH INFLOW
0	93,452,300	0	1	93,452,300	0	1	93,452,300	0
1		1,92,00,000	0.893		17145600	0.862		16550400
2		1,92,00,000	0.797		15302400	0.743		14265600
3		1,92,00,000	0.712		13670400	0.641		12307200
4		1,92,00,000	0.636		12211200	0.552		10598400
5		1,92,00,000	0.567		10886400	0.476		9139200
6		1,92,00,000	0.507		9734400	0.41		7872000
7		1,92,00,000	0.452		8678400	0.354		6796800
8		1,92,00,000	0.409		7852800	0.305		5856000
9		1,92,00,000	0.361		6931200	0.263		5049600
10		1,92,00,000	0.322		6182400	0.227		4358400
TOTAL	93,452,300	19,20,00,000		93,452,300	10,85,95,200		93,452,300	9,27,93,600
Excess of NPV over capital cost					1,51,42,900			-6,58,700

RDSA MINING LLP


(V.K. GHIYA)
Chief Executive Officer

Basic cash flow inputs for a stated period.

The basic cash flow input has used for period of 10 years.

Yearly planned production, Net Present Value (NPV) and Internal Rate of Return (IRR) of the project worked out on annual projected production.

Marble Area 10.4162 ha.					
YEAR	Cash Flow	12% P V factor	Discounted Present Value	16% P V factor	Discounted Present Value
1	1,92,00,000	0.893	17145600	0.862	16550400
2	1,92,00,000	0.797	15302400	0.743	14265600
3	1,92,00,000	0.712	13670400	0.641	12307200
4	1,92,00,000	0.636	12211200	0.552	10598400
5	1,92,00,000	0.567	10886400	0.476	9139200
6	1,92,00,000	0.507	9734400	0.41	7872000
7	1,92,00,000	0.452	8678400	0.354	6796800
8	1,92,00,000	0.409	7852800	0.305	5856000
9	1,92,00,000	0.361	6931200	0.263	5049600
10	1,92,00,000	0.322	6182400	0.227	4358400
TOTAL	19,20,00,000		108595200		92793600
less investment			9,34,52,300		93452300
Net Present Value			15142900		-658700
Actual Rate of Discount =	Discount rate of Low trial + Excess PV of low trial / (Excess PV of Low trial over deficit PV of High trial) x Difference between high & low discount rates 10%				
Internal Rate of Return	15.83				

- Capital Expenditure is estimated around Rs. 9.34 crore. Out of which 70% will be borrowed capital from financial institutions.
- Capital expenditure includes expenditure to be Forest Diversion and Forest Clearance.
- Mining cost per tonne of Marble works out to Rs. 872/- which includes Royalty, Premium, DMFT, RSMET, Depreciation, Interest and Overheads. The capital expenditure includes the estimated expenditure for equipment's, Workshop, Office, Power Line, Transformer, Mining Plan & Environment Compliances, Weigh Bridge and Forest clearance etc. Discounted Cash flow


(DCF) rate of return has been worked out and it is positive at 12 % and negative at 16%. Internal rate of Return (IRR) works out to 15.83%.

- All the expenses will be met from the revenue generated by selling of Marble in the domestic market.

No marketing is needed for Marble as maximum quantity will be used for existing Ganga Saw plant at various location.

Hence the project is viable.

=====*****=====

RDSA MINING LLP

(V.K. GHIYA)
Chief Executive Officer

Market assessment

The demand, supply and stock situation and consumption trends and other factors likely to affect supply and demand into the future.

The Marble in the mining area is fit for supply in own factory exits in Khisangarh, Dist – Ajmer of Rajasthan.

A customer and competitor analysis along with the identification of likely market windows for the product.

The process Marble blocks from the mine area is to be used for manufacturing of Slabs to supply in Real estate and Building industry.

Price and volume forecasts and the basis for these forecasts.

The price and volume forecast of on basis of current market condition and other industries supply material.

For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract.

Nil.

=====*****=====

RDSA MINING LLP


(V.K. GHIYA)
Chief Executive Officer

Other Modifying factors

The effect, if any, of natural risk, infrastructure, environmental, legal, marketing, social or governmental factors on the likely viability of a project and/or on the estimation and classification of the Mineral Reserves.

Company will be obtain Forest clearance as well as Environment clearance from MoEF, New Delhi and Consent to Establish and Consent to operate from state Pollution Control Board. Company will follow all the conditions imposed in the clearances and consents and submit the required returns to concerned authorities. Air quality, water quality, Noise level, vibration monitoring will be carried as per EC and SPCB circulars.

=====*****=====

RDSA MINING/LLP


(V.K. GHIYA)
Chief Executive Officer