REPLY TO PRE BID QUERIES

COMPOSITE LICENSE FOR BASEMETAL AND ASSOCIATED MINERALISATION

OF

KHAKHLIYA KHERA Block Tehsil Kunwaria & District Rajsamand

Tender No.: MSTC/JPR/Directorate of Mines and Geology Rajasthan, Udaipur/9/Udaipur/ 23-24/ 2859 [375676]

Sl. No.	Bidders Queries	Reply
1	General query a. There are number of stone quarries within the block area for stone chips, how much anomaly zone of base metal has lost due to this activity. b. Method of estimation of Stamp duty calculation may please be provided Clarification required for resource computation and evaluation of the deposit	a. Anamoly for Basemetals are not manifestations of surface rocks only. Therefore, due to surface activities anamolies are not lost. However, the area is proposed for auction under composite license therefore, detailed exploration is to be carried out by the preferred bidder b. Stamp duty will be calculated as per prevailing circulars/ rules of revenue department.
2	Geological Report (GR) a. NABL accredited analysis report of base metals within the block area and Tenor/ Specific gravity /bulk density may please be provided. b. Specific Bed rock sample location coordinates of anomaly zone and its available shape file within the may please be provided. c. Shape file of Land Schedule may please be provided. Necessary to understand and evaluate the deposit.	a & b. Chemical analyses of the sample falling in the block are not significant. Also, there are no anomalous vales for other associated minerals in chemical analysis. However, EPMA analyses show presence of some other mineral phases in traces, which are not much of significance from exploration point of view in this block. c. There is no provision of providing land schedule when the area is proposed for auction under composite license.

3	Geological Report (GR) Chapter-8,page 66 The major sulphide minerals identified in EPMA analysis are: Chalcopyrite, Pyrite: Copper ore minerals Pyrrhotite: Iron Sulphide Sphalerite: Ore mineral of Zinc Galena: Ore mineral of Lead Millerite: Ore mineral of Nickel Different ore mineral has different royalty rates, in this specific case how the royalty of ROM is calculated and what is the basis of calculation? It is required for proper resource evaluation and viability study of the deposit.	The area is proposed for auction under composite license. The holder of a Composite Licence shall conduct geological exploration of the area under the Composite Licence so as to ascertain evidence of mineral contents and shall submit periodic reports in accordance with the Act and rules. The Royalty of minerals and grade (proved during prospecting) will be as per Schedule-II of MMDR Act.
4	MDPA Clause 4.3.1 (2) Highest IBM price of that particular year would consider for Amount of the Performance Security to be appropriated our query in this regards are as below Q1 Which grade Highest IBM price of would be considered for appropriation. Q2 How performance security appropriation will be calculated, based on fiscal year or calendar year? As the assessment of dispatch is based on Yearly basis the average IBM notified price for the concern Year may be considered instead of considering Highest IBM price. Value of Performance Security to be appropriated may be in consonance to the practice followed in the State of Odisha as: 24% of Average sale price of relevant mineral published by IBM as	Tender condition prevails.

	applicable during the quarter of shortfall (multiplied by) shortfall in dispatch [Minimum Production and Dispatch Requirement (minus) actual quarterly dispatch]	
5	MDPA Clause 17. Event OF FORCE MAJEURE 17.1. Event of Force Majeure means any of the following events or circumstances or combination of the following events or circumstances which are beyond the reasonable control of the Successful Bidder, which could not have been prevented by Good Industry Practice or by the exercise of reasonable skill and care and which or any consequences of which, have a material and adverse effect upon the performance by the Successful Bidder of its obligations or enjoyment of its rights: (i) acts of God, flood, drought, earthquake or other natural disaster...; The time lapsed in situation beyond the control of the applicant like delay in government procedurals beyond the control of the applicant may be treated as Force Majeure and such time period may be added accordingly towards the time line for execution of mining lease deed. Most of the time delay in production and dispatch is delayed because of delay in getting clearance/ permissions/ consents etc which is also beyond the control of lease. So these situations may be considered as force majeure as being events or circumstances beyond the reasonable control of the bidders. This is in consonance to rule 12(1) (ff) of mineral concession rule 2016 which inter alia prescribes any other happening with the lessee could not reasonably prevent or control.	Tender condition prevails.

REPLY TO PRE BID QUERIES

COMPOSITE LICENSE FOR BASEMETAL

OF

Pipaliya Block Tehsil Mawli & District Udaipur

Tender No.: MSTC/JPR/Directorate of Mines and Geology Rajasthan, Udaipur/10/Udaipur/23-24/2860 [375677]

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b. Method of estimation of Stamp duty calculation may please be provided
Clarification required for resource computation and evaluation of the deposit</td><td>a. Anamoly for Basemetals are not manifestations of surface rocks only. Therefore, due to surface activities anamolies are not lost. However, the area is proposed for auction under composite license therefore, detailed exploration is to be carried out by the preferred bidder.

b. Stamp duty will be calculated as per prevailing circulars/ rules of revenue department.</td></tr>
<tr><td>2</td><td>Geological Report (GR)
a. NABL accredited analysis report of base metals within the block area and Tenor/ Specific gravity /bulk density may please be provided.
b. Specific Bed rock sample location coordinates of anomaly zone and its available shape file within the may please be provided.
c. Shape file of Land Schedule may please be provided.

Necessary to understand and evaluate the deposit.</td><td>a. Two samples collected from altered garnetiferous mica schist from a well dump in south of Pipaliya village have analysed 0.7% and 0.8% Cu values. In the northern part, mineralised quartz veins exposed in and around Khartana village analysed Cu values ranging from 20ppm to 0.13 %. One bedrock sample collected from the quartz vein near Bhopariya village has analysed 0.47% Cu and 0.18% Pb.

b. Coordinates of the bedrock samples:
<table>
<tr><th>Samples</th><th>Location</th><th>Lithology</th><th>Cu %</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>1</td><td>Pipaliya</td><td rowspan="2">Quartz mica schist (dug well</td><td>0.7</td><td>24.83759</td><td>74.0369</td></tr>
<tr><td>2</td><td>Pipaliya</td><td>0.8</td><td>24.83759</td><td>74.0369</td></tr>
</table></td></tr>
</table>

		<table><tr><td></td><td></td><td>samples)</td><td></td><td></td><td></td></tr><tr><td>3</td><td>Khartana</td><td>Quartz vein</td><td>0.13</td><td>24.86326</td><td>74.0458</td></tr><tr><td>4</td><td>Bhopariya</td><td>Quartz vein</td><td>0.47</td><td>24.863260</td><td>74.045817</td></tr></table> c. There is no provision of providing land schedule when the area is proposed for auction under composite license.
3	Geological Report (GR) Basis of calculation of royalty may please be provided. It is required for proper resource evaluation and viability study of the deposit.	The area is proposed for auction under composite license. The holder of a Composite Licence shall conduct geological exploration of the area under the Composite Licence so as to ascertain evidence of mineral contents and shall submit periodic reports in accordance with the Act and rules. The Royalty of minerals and grade (proved during prospecting) will be as per Schedule-II of MMDR Act.
4	Tender Point 8.iii of Part IV-A(Reporting of Mineral Resources) In Ladana Diggi area 1.6 million ton from 7 loads has been estimated with 0.68% Cu at 0.2% cut-off up to 120m depth. Basis and method of resource estimation and the relevant data may please be provided. It is required to understand the deposit	Resource estimation of copper was calculated by cross sectional method. Also Ladana Diggi area is not the part of proposed Pipaliya Block put up for CL and falling outside of the Pipaliya Block.
5	MDPA Clause 4.3.1 (2) Highest IBM price of that particular year would consider for Amount of the Performance Security to be appropriated our query in this regards are as below Q1 Which grade Highest IBM price of would be considered for appropriation. Q2 How performance security appropriation will be calculated, based on fiscal year or calendar year? As the assessment of dispatch is based on Yearly basis the average	Tender condition prevails.

	IBM notified price for the concern Year may be considered instead of considering Highest IBM price. Value of Performance Security to be appropriated may be in consonance to the practice followed in the State of Odisha as: 24% of Average sale price of relevant mineral published by IBM as applicable during the quarter of shortfall (multiplied by) shortfall in dispatch [Minimum Production and Dispatch Requirement (minus) actual quarterly dispatch]	
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REPLY TO PRE BID QUERIES

COMPOSITE LICENSE FOR BASEMETAL AND ASSOCIATED MINERALISATION

OF

Manpura Block Tehsil Banera & District Bhilwara

Tender No.: MSTC/JPR/Directorate of Mines and Geology Rajasthan, Udaipur/11/Udaipur/ 23-24/ 2861 [375678]

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a. NABL accredited analysis report of base metals within the block area and Tenor/ Specific gravity /bulk density may please be provided.
b. Specific Bed rock sample location coordinates of anomaly zone and its available shape file within the may please be provided.
c. Shape file of Land Schedule may please be provided.

Necessary to understand and evaluate the deposit. Capex estimation.</td><td>a. Samples have been analysed at Chemical Lab, GSI, Jaipur

<table>
<tr><th>Sl. No.</th><th>Sample no.</th><th colspan="3">Cu</th></tr>
<tr><td>1</td><td>BRS-019</td><td colspan="3">0.77%</td></tr>
<tr><td>2</td><td>BRS-020</td><td colspan="3">0.46%</td></tr>
<tr><td>3</td><td>BRS-156</td><td colspan="3">1.04%</td></tr>
<tr><td>4</td><td>BRS-157</td><td colspan="3">1.02%</td></tr>
<tr><td>5</td><td>Channel-1</td><td>Sample No.</td><td>Cu in %</td><td>Cu (ppm)</td></tr>
<tr><td></td><td></td><td>S-01/CH-1</td><td>1.4</td><td>.</td></tr>
<tr><td></td><td></td><td>S-02/CH-1</td><td>0.2</td><td>.</td></tr>
<tr><td></td><td></td><td>S-03/CH-1</td><td>0.5</td><td>.</td></tr>
<tr><td></td><td></td><td>S-04/CH-1</td><td>0.3</td><td>.</td></tr>
<tr><td></td><td></td><td>S-05/CH-1</td><td>0.2</td><td>.</td></tr>
<tr><td></td><td></td><td>S-06/CH-1</td><td>0.4</td><td>.</td></tr>
<tr><td></td><td></td><td>S-07/CH-1</td><td>0.2</td><td>.</td></tr>
</table>
</td></tr>
</table>

		S-08/CH-1	0.1	.
		S-09/CH-1	0.2	.
		S-10/CH-1	.	734
		S-11/CH-1	.	952
		S-12/CH-1	0.2	.
		S-13/CH-1	0.6	.
		S-14/CH-1	0.6	.
		S-15/CH-1	0.5	.
		S-16/CH-1	0.4	.
		S-17/CH-1	0.4	.
		S-18/CH-1	0.3	.
		S-19/CH-1	0.2	.
		S-20/CH-1	.	935
		S-21/CH-1	.	683
		S-22/CH-1	0.1	.
		S-23/CH-1	0.1	.
		S-24/CH-1	.	421
		S-25/CH-1	.	340
		S-26/CH-1	.	406
		S-27/CH-1	.	432
		S-28/CH-1	.	290
		S-29/CH-1	.	102
		S-30/CH-1	.	86
		S-31/CH-1	.	253
		S-32/CH-1	.	86
		S-33/CH-1	.	112
		S-34/CH-1	.	194
		S-35/CH-1	.	267
6	Channel-2	**Sample No.**	**Cu in %**	**Cu (ppm)**
		S-01/CH-2	.	83
		S-02/CH-2	.	50
		S-03/CH-2	.	11
		S-04/CH-2	.	53
		S-05/CH-2	.	123
		S-06/CH-2	.	54

		S-07/CH-2	.	49
		S-08/CH-2	.	23
		S-09/CH-2	.	5
		S-10/CH-2	.	5
		S-11/CH-2	0.1	.
		S-12/CH-2	0.1	.
		S-13/CH-2	.	199
		S-14/CH-2	0.1	.
		S-15/CH-2	.	346

7	Trench-1	**Sample No.**	**Cu (%)**	**Cu (ppm)**
		S-01/TR-1	0.1	-
		S-02/TR-1	0.1	-
		S-03/TR-1	0.2	-
		S-04/TR-1	0.1	-
		S-05/TR-1	0.1	-
		S-06/TR-1	.	512
		S-07/TR-1	.	445
		S-08/TR-1	.	362
		S-09/TR-1	.	278
		S-10/TR-1	.	473
		S-11/TR-1	.	530
		S-12/TR-1	0.1	-
		S-13/TR-1	0.1	-
		S-14/TR-1	.	786
		S-15/TR-1	.	860
		S-16/TR-1	.	283
		S-17/TR-1	0.1	-
		S-18/TR-1	0.1	-
		S-19/TR-1	.	575
		S-20/TR-1	0.1	-
		S-21/TR-1	.	749
		S-22/TR-1	.	718
		S-23/TR-1	.	102
		S-24/TR-1	.	531
		S-25/TR-1	.	508
		S-26/TR-1	.	519
		S-27/TR-1	.	718
		S-28/TR-1	.	598

		S-29/TR-1	.	396
		S-30/TR-1	.	359
		S-31/TR-1	.	726
		S-32/TR-1	.	794
		S-33/TR-1	.	377
8	Trench-2	**Sample No.**	**Cu (%)**	**Cu (ppm)**
		S-01/TR-2	0.1	-
		S-02/TR-2	0.1	-
		S-03/TR-2	0.1	-
		S-04/TR-2	.	880
		S-05/TR-2	0.2	-
		S-06/TR-2	0.2	-
		S-07/TR-2	.	434
		S-08/TR-2	0.1	-
		S-09/TR-2	0.1	-
		S-10/TR-2	0.2	-
		S-11/TR-2	0.1	-
		S-12/TR-2	0.1	-
		S-13/TR-2	0.5	-
		S-14/TR-2	0.3	-
		S-15/TR-2	0.4	-
		S-16/TR-2	0.3	-
		S-17/TR-2	0.4	-

b. Bed rock, channel and trench samples location coordinates

Sl. No.	Sample no.	Latitude	Longitude
1	BRS-019	25.4925957 N	74.6653711 E
2	BRS-020	25.4928179 N	74.6685374 E
3	BRS-156	25.4937631 N	74.6646061 E
4	BRS-157	25.4916522 N	74.6688833 E
5	Channel-1	25.493749 N	74.663699 E
		To	
		25.493904 N	74.664267 E
6	Channel-2	25.493095 N	74.660704 E
		To	

<table>
<tr><td></td><td></td><td>
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<tr><td></td><td></td><td>25.493164 N</td><td>74.660997 E</td></tr>
<tr><td rowspan="3">7</td><td rowspan="3">Trench-1</td><td>25.492689 N</td><td>74.668103 E</td></tr>
<tr><td colspan="2">To</td></tr>
<tr><td>25.492847 N</td><td>74.668702 E</td></tr>
<tr><td rowspan="3">8</td><td rowspan="3">Trench-2</td><td>25.492879N</td><td>74.668765 E</td></tr>
<tr><td colspan="2">To</td></tr>
<tr><td>25.492910 N</td><td>74.668891 E</td></tr>
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c. There is no provision of providing land schedule when the area is proposed for auction under composite license.
</td></tr>
<tr><td>3</td><td>Geological Report (GR)
Annexure-V
The major sulphide minerals identified in EPMA analysis are:
Different ore mineral has different royalty rates, in this specific case how the royalty of ROM is calculated and what is the basis of calculation?

It is required for proper resource evaluation and viability study of the deposit.</td><td>The area is proposed for auction under composite license. The holder of a Composite Licence shall conduct geological exploration of the area under the Composite Licence so as to ascertain evidence of mineral contents and shall submit periodic reports in accordance with the Act and rules. The Royalty of minerals and grade (proved during prospecting) will be as per Schedule-II of MMDR Act.</td></tr>
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