SUMMARY OF THE MINERAL BLOCK

[To be made available on the website of e - auction platform]

PART A – GENERAL INFORMATION ABOUT MINERAL BLOCK

	Features	Details	
1.	**Location**		
	Mineral Block	Jagdalpur Graphite Block	
		Latitude	**Longitude**
	0	19° 46' 8.267" N	83° 32' 40.486" E
	1	19° 46' 6.843" N	83° 32' 44.933" E
	2	19° 46' 7.183" N	83° 32' 46.200" E
	3	19° 46' 6.333" N	83° 32' 47.785" E
	4	19° 46' 3.176" N	83° 32' 49.853" E
	5	19° 46' 1.483" N	83° 32' 52.975" E
	6	19° 45' 58.329" N	83° 32' 55.131" E
	7	19° 45' 55.330" N	83° 32' 53.231" E
	8	19° 45' 56.634" N	83° 32' 47.901" E
	9	19° 45' 54.864" N	83° 32' 46.747" E
	10	19° 45' 54.367" N	83° 32' 41.517" E
	11	19° 45' 57.137" N	83° 32' 37.098" E
	12	19° 45' 58.689" N	83° 32' 36.082" E
	13	19° 46' 5.563" N	83° 32' 34.412" E
	14	19° 46' 9.914" N	83° 32' 37.230" E
	Village	Jagdalpur	
	Tahasil/Taluka	Muniguda	
	District	Rayagada	
	State	Odisha	
2.	**Area(Hectares/square km)**		
	Total area	17.863 Ha	
	Mineralised area	11.7476 Ha	
	Non-mineralised area	6.1154 Ha	
3.	**Exploration**		
	Status (G2/G3/G4 etc.)	G-2 (General Exploration)	
	Exploration Agency	Directorate of Geology, Odisha	
	Total No. of BHs with meterage	48 boreholes, 1070 m	
	Borehole spacing (Density)	50m x 50m (37 BHs/sq km)	
4.	**Quantity of Minerals (Grade wise)**		
	Mineral	Graphite	

	Total Indicated Geological Resources	F.C content 2% to < 5%	0.576 mt
		F.C content ≥ 5%	0.405 mt
		Grand Total	**0.981 mt** with average grade of 4.61% FC
5.	**Mineralised Zones**		
	Number of mineral zones	01(one)	
	Trend(Dip and strike)	Strike: N55^0-70^{0}W to S 55^0-70^{0}E dipping 55^0 to 66^{0}southwesterly.	
6.	**Grade**		**FC (%)**
		F.C content 2% to < 5%	3.40
		F.C content ≥ 5%	6.32
	Mineral	Graphite	
7.	**Accessibility**		
	Nearest Rail head	HataDahikhal which is on East Coast Railway 11 km from Jagdalpur.	
	Road	The distance from the district headquarter Rayagada is about 64km.	
	Airport	Visakhapatnam is the nearest port is at 260 km.	
8.	**Hydrography**		
	Local Surface Drainage Pattern (Channels)	The drainage system of the area is controlled by Bengeinala flowing from the NE to SW with large meanders and it ephemeral	
	River/Streams	Bengeinala	
9.	**Climate**		
	Mean Annual Rainfall	1288 mm	
	Temperature (December)	7^{0}C to 8^{0}C	
	Temperature (May)	46^{0}C	
10.	**Topography**		
	Topo Sheet Number	E44F9 (65M/9).	
	Morphology of the area	The area in general represents a plain country with minor undulations. The eastern and western parts of the terrain are occupied by small hillocks.	

PART B-PARTICULARS OF STATUTORY LICENSE, PERMITS, PERMISSIONS, CONCESSIONS, APPROVALS AND CONSENTS RELATED TO MINING OPERATIONS

Sl. No.	Particulars	Details/Status
1	Forest Clearance	*To be obtained by the Successful bidder/not applicable/if available, State to provide details*
2	Wild life Clearance(Sanctuary, Reserve or Special Zone Clearances	-do-
3	Environmental Clearance	-do-
4	Consent to Establish	-do-
5	Explosive License	-do-
6	Permission for Mines opening	-do-
7	Permission of Installation, tiral operation of equipment	-do-
8	Ground water clearance (Centre/State)	-do-
9	Railway Siding approval	-do-
10	Approval of Diesel storage	-do-
11	Power line from State Discom	-do-

12	Clearanc relating to work under an existing transmission line or shifting of the transmission line	-do-
13	Gramasabha consent	-do-

PART C-PARTICULARS OF LAND		
Sl. No.	**Area**	**Details**
1	Total concession area	17.863 hects
2	Forest land with status	1.872 hects
3	Govt. land with status	4.056 hects
4	Private land with status	11.935 hects
5	Revenue survey details of the area	Refer : Land Schedule