

BEACH SAND & OFFSHORE INVESTIGATION (BSOI) GROUP

1. LABORATORY STUDIES FOR BEACH SAND HEAVY MINERALS:

| Sl. No. | Analysis code | Nature of analyses | Schedule of charges (Rs.) |
|--|---------------|--|---------------------------|
| Mineral Identification, grain counting and estimation of grade of mineral sand sample | | | |
| 1 | BSOI-1 | Comprehensive studies on composite mineral sand samples including initial preparation, sieve analysis, grain counting (14 fractions) and grade estimation (Per sample) | 1,63,520 |
| 2 | BSOI-2 | Grain counting and grade estimation (only microscopic grain counting by 16 heavy minerals fractions that includes 8 magnetic and non-magnetic fractions) (Per sample) | 95,200 |
| Analyses of export consignment of mineral sands (Please refer PHY-6) | | | |
| 3 | BSOI-3 | Analytical charge for determining percent monazite equivalent in placer sand / Radiometric determination of monazite equivalent by Physics laboratory (Per sample) | - |

2. COMPLETE REPORT

The cost of complete report of the beach sand heavy minerals deposit will be calculated as per the unit rate of drilling, survey, individual sample analyses, composite samples analyses, mineralogical studies and report writing as given below:

| Sl. No. | Type of Survey | Schedule of charges (Rs.) | |
|---------|--|---------------------------|-----------------|
| | | Reconnaissance survey | Detailed survey |
| 1 | Cost per meter drilling | 2575 | 1,025 |
| 2 | Cost per unit area of survey | 25,290 | 1,19,980 |
| 3 | Cost of individual sample analyses – 100 samples (Rs.) | 66,000 | |
| 4 | Cost of grouping of composite samples – 20 composite samples | 79,360 | |
| 5 | Cost of mineralogical study of composite sample – one sample | 55,680 | |
| 6 | Cost of report writing | 9,89,760 | 19,79,520 |

3. EXECUTIVE SUMMARIES:

The cost of executive summaries category-I, II and III is 25%, 15% and 5% of cost of complete report as given below:

| Cost of Executive Summaries | Cost based on drilling & sampling grid & percentage of total cost indicated | | |
|-----------------------------|---|---|---|
| | <u>Category-I</u> | <u>Category-II</u> | <u>Category-III</u> |
| | Grid spacing 200m x 100m and below. | Grid spacing 200m x 100m upto 2000m x 200m. | Grid spacing >2000m x 200m and other random spacing |
| | 25% | 15% | 5% |