

## COAL MINING PROJECT

### 1.2 MINING METHOD (please check mining method to be used)

- ☐ Surface Mining (Open pit/ open cast)
- ☐ Strip
- ☐ Contour
- ☐ Underground
- ☐ Long wall
- ☐ Continuous mining
- ☐ Room and pillar
- ☐ Blast mining
- ☐ Retreat mining

### 1.3 PROJECT COMPONENTS

| Facilities<br><i>(please enumerate; use separate sheet, if necessary)</i> | No. of Units | Capacity (ton/hr) or Area (sq/M) | Specification/ Description |
|---|--------------|----------------------------------|----------------------------|
| 1. Main Components  |              |                                  |                            |
| a. Crushing   |              |                                  |                            |
| b. Washing  |              |                                  |                            |
| c. Screening  |              |                                  |                            |
| d. Tunnels/Portals  |              |                                  |                            |
| e. Others, specify  |              |                                  |                            |
| 2. Storage Facilities:  |              |                                  |                            |
| a. Fuel Storage   |              |                                  |                            |
| b. Explosives   |              |                                  |                            |
| c. Coal Storage   |              |                                  |                            |
| d. Others, specify  |              |                                  |                            |

| Facilities<br>(please enumerate; use<br>separate sheet, if necessary) | No. of<br>Units | Capacity<br>(ton/hr) or<br>Area<br>(sq/M) | Specification/ Description |
|---|-----------------|---|----------------------------|
| 3. Support Facilities   |                 |   |                            |
| a. Energy/Power<br>Generating Facility                                |                 |   |                            |
| b. Settling pond/siltation<br>ponds                                   |                 |   |                            |
| c. assay laboratory   |                 |   |                            |
| d. Hauling/Transport<br>System  |                 |   |                            |
| e. spoils/dumping site  |                 |   |                            |
| f. Others, specify  |                 |   |                            |
| 4. Admin support  |                 |   |                            |
| a. Field Office/Quarters  |                 |   |                            |
| b. Emergency/ Accidents<br>facility                                   |                 |   |                            |
| c. Others, specify  |                 |   |                            |
| 5. Solid waste management<br>facility                                 |                 |   |                            |
| 6. Hazardous waste<br>management facility                             |                 |   |                            |
| 7. Drainage System  |                 |   |                            |
| 8. Waste water management<br>Facility                                 |                 |   |                            |

| <b>Facilities</b><br><i>(please enumerate; use separate sheet, if necessary)</i> | <b>No. of Units</b> | <b>Capacity (ton/hr) or Area (sq/M)</b> | <b>Specification/ Description</b> |
|--|---------------------|---|-----------------------------------|
| 9. Others,specify  |                     |   |                                   |
| 10. Others,specify   |                     |   |                                   |
| 11. Others,specify   |                     |   |                                   |
| 12. Others,specify   |                     |   |                                   |
| 13. Others, specify  |                     |   |                                   |

*(Please list facilities by module/grouping. Use additional sheets, if necessary)*

#### 1.4 UTILITIES/REQUIREMENTS (Operation Phase):

##### Power/Energy and Water Requirements

| <b>Utilities</b>  | <b>Estimated Demand/ Consumption (Total)</b> | <b>Source Breakdown</b>        | <b>Projected Amount from Source specified</b> |
|-------------------|--|--------------------------------|---|
| Power/Electricity | KWh  | Grid                           | KWh   |
|                   |  | Generator Set                  | KWh   |
|                   |  | Others, please specify:        | KWh   |
| Water             | m <sup>3</sup> /day                          | Local Water Utility Provider   | m <sup>3</sup> /day                           |
|                   |  | Well in: (specify location):   | m <sup>3</sup> /day                           |
|                   |  | Spring in: (specify location): | m <sup>3</sup> /day                           |

|  |  |   |                     |
|--|--|---|---------------------|
|  |  | River, Lake or other surface water :<br>(specify name & location) | m <sup>3</sup> /day |
|  |  | Others, please specify:   | m <sup>3</sup> /day |

**Power/Energy and Water Efficiency Measures (if any)**

| Utilities          | Proposed Efficiency/Conservation Measures          | Estimated Savings for each Measure | Estimated Total Savings |
|--------------------|--|------------------------------------|-------------------------|
| Power/ Electricity |  | KWh                                | KWh                     |
|                    |  | KWh                                |                         |
| Water              | Rainwater collection system with total capacity of | m <sup>3</sup> /day                | m <sup>3</sup> /day     |
|                    | Others, please specify:                            | m <sup>3</sup> /day                |                         |

**1.5. MANPOWER & TIMETABLE OF CONSTRUCTION**

- Proposed Start of Construction
- Proposed Start of Commissioning
- Proposed Start of Commercial Operation

| Phase           | Expertise/Skills | Requirement per Expertise/Skill | Total Requirement per project phase |
|-----------------|------------------|---------------------------------|-------------------------------------|
| a. Construction |                  |                                 |                                     |
|                 |                  |                                 |                                     |
|                 |                  |                                 |                                     |
|                 |                  |                                 |                                     |
| b. Operation    |                  |                                 |                                     |
|                 |                  |                                 |                                     |
|                 |                  |                                 |                                     |
|                 |                  |                                 |                                     |

1.6INDICATIVE PROJECT COST *(Initial Investment):*

PhPUS \$(specify if with foreign investment)