

## **ADDENDUM**

### **REQUEST FOR INFORMATION IN RESPECT OF THE DESIGN OF A RISK MITIGATION POWER PROCUREMENT PROGRAMME**

#### **UPDATED FORM IN RESPECT OF DEMAND MANAGEMENT**

**Form 1:** Summary of the information to be provided in terms of paragraph Error!  
Reference source not found. (Information to be provided by the Respondent in its RFI  
Response)

The Respondent should complete and return Form 1 with its RFI Response, for each of its Projects, inserting additional pages as is necessary.

Form 1 should be returned together with all necessary supporting documents.

| <b>A. High Level Project Description</b>                                    |  |   |                      |   |
|---|--|---|----------------------|---|
| <b>Name of Respondent</b>   |  |   |                      |   |
| <b>Project Name</b>   |  |   |                      |   |
| <b>Name of appointed contact person by Respondent</b>                       |  |   |                      |   |
| <b>Contact Number of appointed contact person</b>                           |  |   |                      |   |
| <b>Email of appointed contact person</b>                                    |  |   |                      |   |
| <b>Summary Description of Project</b>                                       |  |   |                      |   |
|   |  |   |                      |   |
|   |  |   |                      |   |
| <b>Technology Category (tick appropriate box)</b>                           |  | <b>Generation</b><br>(Complete Section B, D, E, F, G and H) |                      | <b>Demand Side Management</b><br>(Complete Section C, D, E, F, G and H) |
| Megawatts offered (MW)  |  |   |                      |   |
| <b>GPS location</b> in Degrees, minutes, seconds, of the:                   |  | <b>Latitude</b>   |                      | <b>Longitude</b>  |
| Project Site  |  |   |                      |   |
| Grid connection substation  |  |   |                      |   |
| Grid connection Voltage (kV)  |  |   |                      |   |
| <b>B. Generation</b>  |  |   |                      |   |
| Type of Technology e.g Gas turbine or Wind turbines or battery storage etc. |  |   |                      |   |
| Generation Units  |  | <b>Unit Size (MW)</b>                                       |                      | <b>Number of Units (No.)</b>  |
|   |  |   |                      |   |
| Generation Fuel Type e.g. Diesel, HFO, LPG etc.                             |  |   |                      |   |
| <b>C. Demand Side Management<sup>1</sup></b>                                |  |   |                      |   |
| <b>Category (tick appropriate box or boxes)</b>                             |  | <b>Load Management<sup>2</sup></b>                          |                      | <b>Peak Clipping<sup>3</sup></b>  |
|   |  |   |                      | <b>Energy Efficiency<sup>4</sup></b>                                    |
| <b>Technology details (tick appropriate box or boxes)</b>                   |  | Lighting systems  | Appliance automation | Automated integrated systems  |
|   |  | Other (Specify)   |                      |   |
| <b>Target Market (tick appropriate box or boxes)</b>                        |  | Residential   | Industrial           | Commercial  |
|   |  |   |                      | Mixed Use   |

<sup>1</sup> Modification of consumer demand for energy through various methods such as financial incentives and behavioural change through education i.e. Load Management, Peak Clipping and Energy Efficiency;

<sup>2</sup> The process of balancing the supply of electricity on the network with the electrical load by adjusting or controlling the load rather than the power station output

<sup>3</sup> The reduction of utility loads during peak demand periods. This can delay the need for additional generation capacity. The net effect is a reduction in both peak demand and total energy consumption. Peak clipping can be achieved by direct control of customers' appliances;

<sup>4</sup> The goal to reduce the amount of energy required to provide products and services;“

| <b>D. Proposed Operation Regime</b>  |                                    |                                   |
|--|------------------------------------|-----------------------------------|
| Dispatch Regime ( <b>tick appropriate box</b> )  | Dispatchable                       | Self-Dispatch                     |
| Minimum Hours of operation - Winter (May to Aug)   |                                    |                                   |
| Maximum Hours of operation - Winter (May to Aug)   |                                    |                                   |
| Minimum Hours of operation - Summer (Sep to Apr)   |                                    |                                   |
| Maximum Hours of operation - Summer (Sep to Apr)   |                                    |                                   |
| Minimum number of yearly Starts and Stops  |                                    |                                   |
| Maximum number of yearly Starts and Stops  |                                    |                                   |
| <b>E. Tariff Proposal</b>  |                                    |                                   |
| Tariff for a 3 Year PPA Contract   | <b>Capacity Charge<br/>(Rm/MW)</b> | <b>Energy Charge<br/>(Rm/MWh)</b> |
| Tariff for a 5 Year PPA Contract   | <b>Capacity Charge<br/>(Rm/MW)</b> | <b>Energy Charge<br/>(Rm/MWh)</b> |
| Tariff for a 10 Year PPA Contract  | <b>Capacity Charge<br/>(Rm/MW)</b> | <b>Energy Charge<br/>(Rm/MWh)</b> |
| Tariff for a 15 Year PPA Contract  | <b>Capacity Charge<br/>(Rm/MW)</b> | <b>Energy Charge<br/>(Rm/MWh)</b> |
| Tariff for a 20 Year PPA Contract  | <b>Capacity Charge<br/>(Rm/MW)</b> | <b>Energy Charge<br/>(Rm/MWh)</b> |
| Submit associated PPA terms and conditions. ( <b>tick status and provide supporting documents</b> )  | Included                           | No Included                       |
| Risk allocation matrix and perspectives where the off-taker is Eskom or a third party. ( <b>tick status and provide supporting documents</b> ) | Included                           | No Included                       |
| <b>F. Proposed Project Status</b>  |                                    |                                   |
| Project Status ( <b>tick status and provide supporting documents</b> )   | a. Concept                         |                                   |
|  | b. Land secured                    |                                   |
|  | c. EIA                             |                                   |
|  | d. All Permits obtained            |                                   |
|  | e. Designs complete                |                                   |
|  | f. Fully Funded                    |                                   |
|  | g. Construction commenced          |                                   |
|  | h. Construction complete           |                                   |
|  | i. Operational Plant               |                                   |
| <b>G. Proposed Project Timing</b>  |                                    |                                   |
| Period to COD after notice to proceed ( <b>tick appropriate box</b> )  | 6 months                           | 12 or 18 months                   |
| Lead Time from Preferred Bidder to Financial Close (months)  |                                    |                                   |

|  |     |        |      |
|--|-----|--------|------|
| Lead Time from Financial Close to COD (months)   |     |        |      |
| <b>H. Proposed Project Risks and Special Requirements</b>                                  |     |        |      |
| Implementation Complexity  | Low | Medium | High |
| <b>Specify any Terms and conditions associated with achieving the tariffs in Section E</b> |     |        |      |
|  |     |        |      |
|  |     |        |      |
|  |     |        |      |
| Other Risks  |     |        |      |
|  |     |        |      |
|  |     |        |      |
| Comments on Project or Special requirements to enable the project                          |     |        |      |
|  |     |        |      |
|  |     |        |      |
|  |     |        |      |

**Ensure compliance to all laws and regulations in South Africa.**