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| **No** | | **Queries** | **Response** | **Comments** |
| 1 | | Social and economic status and development planning of the project area, solar power generation development planning, power system overview and development planning, grid geographical wiring diagram, land use planning, nature reserve and available fire protection facilities, etc | Details of such information would be provided during the RFP Stage |  |
| 2 | | Land nature, transfer method, price, surcharge and other fees | The Land is fully government owned and to be handed over to the Winning Bidder/Project Company through a separate land lease agreement with a nominal fees to be detailed out during the RFP Stage |  |
| 3 | | What is the import and export tariff of Afghanistan | The query does not seem to be specific to this Project. However, bidders are advised to carry out all required due diligences prior to the submission of the Application |  |
| 4 | | The proposed construction land and its costs? Site is introduced: natural conditions, site coordinates (current coordinate, coordinate), the site of factory area boundary extension is not less than 10 km range scale 1:50 000 topographic map and address range scale is not less than 1:2000 topographic map, this project is located the natural geography and external pollution sources, such as transportation, the surrounding dust distribution. | Hisar-E-Shahi Industrial Park is located at 34°19'22.86"N latitude and 70°39'32.23"E longitude in Nangarhar province, 22 km southeast of Jalalabad City, on Jalalabad-Torkham Highway. The industrial park is spread over an area of 207 Hectares. It is a property of the Government.  Bidders are advised to carry out all required due diligences and Studies relevant to the RFQ requirements prior to the submission of the Application |  |
| 5 | | Natural geography of the project location, external traffic conditions, surrounding dust and other pollution sources distribution | Please Refer to Response to the Query number 4 above |  |
| 6 | | How is Afghanistan's electricity grid working? | The Nangarhar province has 110 kV transmission line from Naghlu HPP and one substation with capacity of 84 MVA and another 220 kV transmission line from import power is under construction which makes the network stable.  A load flow study is advised to be conducted by the short-listed bidder prior to the proposal submission during RFP stage along with other required due diligence. |  |
| 7 | | How does the government settle the electricity charges for power generation enterprises? | Please refer to Power Service Regulatory Act and other procedures. the procedures is available in Power Service Regulatory department |  |
| 8 | | Are there any preferential measures taken by the government | The commercial structure is under development. However, internationally, tariff or the government subsidy is used for competitiveness assessment |  |
| 9 | | Sources of construction funds | The winning Bidder/Project company will do all required investment, including construction. |  |
| 10 | | what about light resources? Solar radiation data of photovoltaic power stations in recent 30 years, the number of days of sunshine ≥6 hours per month. Recent solar radiation data for a full year (minute-by-minute measured time series of solar direct radiation, scattered radiation, total radiation, temperature, etc.) | Nangarhar Solar radiation from NREL:   |  |  |  |  | | --- | --- | --- | --- | | **Provinces area (Km2)** | **Solar Radiation KWH/m2/day** | **Solar Energy Potential (MW)** | **Capacity Solar Energy ( Feasible Area) (MW)** | | **7,641** | **5.3** | **674,964** | **1,687** |   Monthly Solar Radiation Data:     |  |  |  | | --- | --- | --- | | **Table of meteorological elements statistics in recent 30 years** | | | | 1 | Annual average temperature | (21.2 c◦) | | 2 | extreme maximum temperature | (45.4c◦) | | 3 | 5years Average sunshine hours (h) | (2788.2 h) 2013-2017 | | 4 | extreme minimum temperatures | 1. (-2.8c◦) | | 5 | days maximum temperature (℃) | 45 | | 6 | days minimum temperature (℃) | -2.8 | | 10 | Maximum snow thickness in 10 years (cm) maximum wind speed in 22 years (m/s) | There is not come any snow | | 11 | The 6-year average pressure has dominated | (949.5mb) | | 12 | average relative humidity | (49.8%) | | **Ordinal element name element value** | | | | 4 | Average number of windy days in 17 years (d) | There is enormous wind energy potential in Afghanistan. The west of the country is popular for strong wind almost 120 days per year | | 8 | Annual average wind speed (m/s) | NREL of US published the wind power map for Afghanistan in 2007 . The map shows the 31,611km2 area has wind speed above class 4 (wind speed above 6.8m/s, and wind power density above 400W/m2). The assessment calculated that the wind power installation capacity is 158.1GW by assuming 5MW turbines in each km2 area |   The Above data is provided as available and for information only and the Authority does not take any responsibility whatsoever for the accuracy for such information. Applicant/Bidders (as applicable) need to conduct their own due diligence as required for their relevant submissions |  |
| 11 | the project has obtained access to the power system scheme information, grid access point, distance and access level, access to the collection station capacity, three roads and an even condition of the park | | Applicants are advised to conduct site visit to collect information relevant to the site and the Authority will provide required facilitation if such site visit is requested. Some other relevant information may be made available during the RFP stage |  |
| 12 | Government requirements for investment enterprises? Security and contract performance protection?  Can it be expanded to 500M | | This would be covered in the PPP Contract to be shared to the Short-listed Bidder |  |
| 13. | Does the Eligible Project must fulfill all criteria (10.3.3(c) (i), (ii), (iii) and (iv) or it must fulfill at least one of the four criteria? | | Yes, each Eligible Project must fulfill all criteria (10.3.3(c) (i), (ii), (iii) and (iv) |  |
| 14 | In 10.3.3(c) (i) it is mentioned 40MW which contradicts 11.3.2 which states 35MW. What is the minimum size for an Eligible project? | | Minimum Size for an Eligible Project is 40MW. Clause 11.3.2 would be revised. | Check Corrigendum Sl. No.1 |
| 15 | Clarify us the process of submission of the subject RFQ. | | Please refer to Clause 4.5 of the Pre-Qualification Document |  |