



SOUTH AFRICAN TOURISM

RESPONSE TO ENQUIRES (02)

Bid No: SAT 240/24

DESCRIPTION: APPOINTMENT COMPETENT BIDDERS FOR THE SUPPLY, DELIVERY AND INSTALLATION OF GREEN ENERGY SOLUTIONS AND SOLAR PHOTOVOLTAICS (INVERTERS, LITHIUM-ION BATTERIES AND SOLAR PANELS) AT SOUTH AFRICAN TOURISM HEAD OFFICE, BOJANALA HOUSE.

#	ENQUIRY	RESPONSE
1.	Do we need all 3 Engineers which include the electrical, mechanical and structural in our organogram? If so must they be PrEng?	6.3.1.2 Put together a professional team not limited to,"
2.	Please clarify the mismatch between the solar panels and inverter specs	
3.	Please clarify that the construction of the inverter room will not be the bidding companies responsibility.	The inverter room not on the SOW will be SAT responsibility.
4.	Is there spacing sleeve or are we permitted to install external wall mounted conduit?	All materials, and installations to be done by the bidders including wall mounted conduits both internal and external
5.	Must a detailed proposal with a PV simulation be provided? If so, please provide detail engineering drawings.	Drawings are available on request. b



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6.	which way should we quote: 1. 3 year differed payment plan; or 2. Capex on Year 1 + maintenance for 3 years.	Bidder will propose the programme of works for the Once-off supply, delivery and installation then aftercare and maintenance for the remainder of the 36 months.
7.	Pre-Covid Municipal bills 2017/18-2020/21(attached) Post-Covid Municipal bills 2021/22-2023/24(attached) No attachment received or found on the portal	Provide all City of Johannesburg bills up to 2025.
8.	Are we allow to propose other capacity (Tier 1) which is close to 700W and available in the market.	650W Solar Panels closer to 700W
9.	Inverters size (72KW or 100KW) can not cover the PV capacity $576 \times 700W = 403.2KWP$ in 6.4.3&6.4.4 , if need to cover the concrete roof-top and parking bay , the iverter size need up to 300-400KW	The Inverter size needs to cover the output. Correctly understood that the inverter size needs to be up for the system to work.
10.	which way should we quote: 1. 3 year differed payment plan; or 2. Capex on Year 1 + maintenance for 3 years.	Bidder will propose the programme of works for the Once-off supply, delivery and installation then aftercare and maintenance for the remainder of the 36 months.
11.	There is no load profile so how do we know your usage pattern and trend Furthermore, ther are NMD restrictions on the SSEG laws of municipalities on how much solar is permissible,	1. The SA Tourism's usage pattern has been shared in the form of actual City of Johannesburg readings usually 31days, kWh. The data thereon provides clarity for the professional team as per 6.3.1.2 to determine the total off-grid solution. 2. The clarification regarding the restrictions or municipal by-laws, provision for that is as per 6.3.1.3.



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	Then there are SANS10142-1 restrictions on the size of the solar plan due to electrical compliance requirements.	3. The provisions to address the SANS is as per 8.1 indication that SABS requirements should be met.
12.	On page 4 of 5 of the Scope of Work section of the proposal, there is a list of output requirements for the components needed for the system's implementation. It specifies ratings for the solar panels, inverters, and batteries. I would like some clarification on whether I should price the components based on your design, which follows the specifications outlined on page 4 of 5, or if I base the pricing on a load profile. However, the absence of a clear load requirement limits the ability to properly design the solar PV system.	1. However, the RFP 6.3.1 Main Deliverables requires the respective bidders to design the PV system and much more clarification which adds to that is 6.3.1.4 Supply, Deliver and full installation of solar panels, inverters and battery storage. 2. Bojanala House is a large office which requires the overall solution therefore the output specification of the total panels must be matched with the appropriate inverters. 6.3.1.2. Requested the bidding companies to put together a professional team for the entire project. Bidders should price for the components in view of the Main Deliverable 6.3.1.2. That provides for proper design of the solar panels which are to be installed on the roof and shaded parking bays.
13.	I hope this mail find you in good spirits. We require clarifications on the following questions below: 1. The total area allocated will not fit the total 400kW required 2. The inverter size is not sufficient, is ½ the required and correct size.	However, the RFP 6.3.1 Main Deliverables requires the respective bidders to design the PV system and much more clarification which adds to that is 6.3.1.4 Supply, Deliver and full installation of solar panels, inverters and battery storage.



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14.	On page 4 of 5 of the Scope of Work section of the proposal, there is a list of output requirements for the components needed for the system's implementation. It specifies ratings for the solar panels, inverters, and batteries. I would like some clarification on whether I should price the components based on your design, which follows the specifications outlined on page 4 of 5, or if I base the pricing on a load profile. However, the absence of a clear load requirement limits the ability to properly design the solar PV system.	
15.		