

The following clarification were sought by a bidder for RFx 1000000429 and clarified as follows;

No.	Query	Clarification
1	Value Added Tax (VAT) applicable. The new VAT is 14% but the tender documents indicates 16%. Clarify the applicable one.	14% will apply
2	Drawings to be submitted: Section V, No.8 indicates that there are drawings and designs to be submitted as part of the evaluation criteria. Apart from the equipment drawings, are there civil work drawings that are expected to be submitted as part of the evaluation criteria	Yes, foundations, equipment housing, plant layout, drainage.
3	The switchgear Panel described in the tender does not indicate the number of panels and description of incomers and outgoing panels. Clarify the number of panels, the number of incomers and the number of outgoing/feeder panels.	Bidder to propose as per his/her designs and proposed equipment
4	The feeder protection is by Auto-Reclosure (pole mounted) as per tender. What is the Purpose of the VTs and Cts in the tender?	Both will be installed, VTs & VTs will also be used for metering
5	From the Tender document battery storage shall be of Lead acid or Lithium Ion . The cost of Lithium Ion storage is much higher & cannot match Lead Acid therefore if two bidders bid with different battery storage mentioned above then in the Financial evaluation the Bidder bidding with Lithium will be eliminated not because of storage technology used but on pricing (“Clause 27.1 “Award of contract will be issued to the lowest evaluated tender price subject to possessing the capability and resources to effectively carry out the Contract Works”).	Bidder to decide the technology to offer
6	No battery manufacture in the market has Lead Acid battery able to discharge at 80% DOD with more than 2000 cycles & last for more than 8Yrs as mentioned in the Tender document. Advise on the correct DOD & Battery cycles available in the market	Products are available in the market
7	VRLA type batteries at 6V 1500AH is not in the market and thus getting documentations for that will pose challenge, at 1500AH, we expect the cells to be 2V as per main stream manufacturers specs	The products are available at the market, the 6V is the minimum voltage, higher voltage at the same energy capacity will be accepted

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8	Can the battery management system be open for even better quality technology available in the market currently? The current BoQ is pretty restricting, we would be glad to provide solutions that will serve the purpose with longevity	It must meet the minimum defined parameter
9	Please confirm that item 6 on page 158/179 is actually 6V mono-blocks of 1500Ah each	Confirmed
10	The tender document requires that the system topology be AC-coupled. However, there are some solutions that do not fit neatly into the AC- or DC-coupled categories, such as Huawei's, which features all-in-one power conversion units. Under the surface, this could be either topology- in a single power conversion unit, the external connections are PV, battery, and grid output, and it is unclear what topology is being used for the power conversion inside. Would you accept a proposal with an all-in-one solution like Huawei's?	This will not be considered
11	Please how will the financial evaluation be carried out among the Two bidders bidding with different storage solutions while pricing for Lithium storage will be always higher ?	Pricing is on competitive basis
12	"The system configuration shall be designed consisting of minimum 6V mono-blocks of 1500AH capacity each" This is a very rare type of battery and we are not aware of any in the market. When manufacturers make 6 V battery blocks, they are aiming them for a different market than systems of these size, and therefore do not make them so large, usually producing a maximum of around 350 Ah. We would like to propose 2 V blocks instead, which are available in any size and will make a much more practical design. Will this be accepted?	Bidders can give an option of Minimum 4V @1,500Ah
13	"The battery cycle life for discharge/charge regular cycles down to 80% DOD shall be more than 2000 cycles (according to IEC 896-1). The design lifespan of batteries shall be of at least 8 years. The battery has to follow the C10 capacity rates according to DIN 43539-9." Kindly clarify the "lifespan" requirement, as 2000 cycles is only 5.5 years	2,000 cycles at 80% DOD remains in both cases