

POWER GRID COMPANY OF BANGLADESH LIMITED

Dhaka and Western Zone Transmission Grid Expansion Project

Supply, installation, commissioning and training services for Drone, Sensors, associated Software and Accessories (Package-10)

Ref. No: 27.21.0000.101.07.320.23.2197, Date: May 14, 2023

Sl. No.	Clause No.	Clause	Bidders' query	PGCB's Reply
1	ITB 31.5	Bidders experience of supplying Drone or providing Drone related services as per scope of requirements with electric utility described in Section 6 (Schedule of Requirements). Bidder should provide reference contact (Company, Name, Title, Email, Phone) for each of the projects.	Is declaration letter from the oEM/authorized distributor with contact details of electric utility customers sufficient to meet this requirement?	The experience certificate shall be issued by the electric utility end user. Bidders are requested to carefully read the bidding document. It shall be as per bidding document.
2	ITB 31.5	Proposed schedule and place of pilot training to meet the project timeline as outlined in Section 6. Demonstrate that the training curriculum meets the pilot certification requirements as per CAAB certification standards.	Does training in India, from certified instructors suffice to meet the requirements?	Please review the draft regulations from CAAB. Training must be conducted in a way that will allow the PGCB pilots to obtain pilot certificate from CAAB. Obtaining the pilot certificate from CAAB is part of the responsibility for the bidder under this tender.
3	2.3.2	Technical experience	Does declaration letter from OEM/authorized distributor suffice for the mentioned technical requirements?	Please see the PGCB's reply for the point no.1

4	Section 6 3.2.3	3.2.3 : Viewing Platform Cloud based – the platform will allow for easy login, access and storage of data	Since the view platform is cloud based, what is the term of the subscription of the software? Is the bidder to provide an annual 5 subscription rate? What is the amount of data (in GBs) to be expected as storage requirement?	There is no guarantee of number of poles or images to be hosted on the software on an annual basis, at least in the first year. It is likely that in subsequent years, the bidder can expect a certain volume of images once the platform usage has been scaled within PGCB. Please propose the annual subscription fee for access to cloud platform. Please clarify if any data storage fee is applicable. Any data processing fee should be provided separately.
5	General	NA	What is the planned no of towers to be inspected (Total towers & annual coverage planned) with drones by PGCB?	Total number of towers to be inspected will vary and that information cannot be provided right now.
6	Section 3	Bidder or Manufacturer shall provide evidence of production output	If manufacturer is not the bidder or JV partner then bidder is allowed to providing Drone, related software, experiences and the required documents including production capacity of manufacturer- please clarify	If manufacturer is not the bidder or JV partner then bidder is allowed to provide Drone, sensors, and related software experiences as follows: ● Show proof of past supply orders of same or similar equipment and software The bidder has to submit the documents as mentioned in clause 2.3.3, Section 3: EQC, submission requirements column.
7	General	Setup of Drone Inspection Center	Please clarify the size of work station, list of furniture and equipment	As outlined in the clause 4.3, Section 6, please use the following guidelines:

				● 8 work stations (compartmentalize working space for 8 persons) ● Working desk space for 8 persons ● 8 desk chairs Storage space (cabinets/racks) for storing drones, sensors, accessories. The quantity can vary depending upon the dimensions of each storage space
8	General	Training for Power Line Inspection & Survey	Please clarify the location & venue	Please refer to reply of point no. 2. All offers for training will be evaluated to make sure all requirements are met, and further the evaluation will be based on the most competitive offer.
9	General	Technical	Does PGCB have already in use the PLS CADD software or do we have to supply it extra? Not clear from the tender specifications	Yes, PGCB's TLD department uses the PLS CADD software. The supply of PLS CADD software is not included in this package scope.
10	General	Technical	Does PGCB have some kind of "wish workflow" that used to prepare these tender specifications. It will help to know how you do image the solution	Please propose your offer to meet or exceed the technical specifications. All offers will be competitively evaluated.
11	General	Technical	<i>Do you have Bentley or ArcGIS software in use</i>	Bidders should assume that PGCB does not have access to these software currently. Bidders should report differentiating features of their data processing capabilities, including but not limited to turn-around time on

				deliverables, immediate reporting capabilities on critical findings, API-integration with utility GIS software like ARCGIS, and others, as mentioned in clause 3.2.2, Section 6: Schedule of Requirements.
12	General	Technical	<i>How many km kilometers are planning to analyze per year?</i>	Please refer to reply of point no 5
13	General	Technical	<i>How many power line poles are there per year?</i>	Please refer to reply of point no 5
14	General	Technical	<i>What voltage are the lines that should be inspected?</i>	It shall be for 132kV, 230kV & 400kV level.
15	Clause 4.4	Section 6: Schedule of requirements	Regarding the clause 4.4 on the bidding instruction, you have requested to partner with a local company to support the local services in Bangladesh. The clause 4.4 indicates that the local company should have at least 5 years of experience in drone business. Our question is, is it a must to have a 5 years experience or even 4 years is considerable? Will it be points based system for the number of years, or is it a strict rule to have 5 years experience on the field. Our local partner has 4 years experience, so we are not sure if it is acceptable or not.	It is not a hard requirement. However, in the evaluation, a bidder meeting the requirements will receive higher points than a bidder partially meeting the requirements
16	General	Financial	Will the bidding document indicate the mode of payment for the project	The mode of payment for the project shall be as per bidding document.

ju

AK

JKS