

 Eskom	Tender Questions and Answers	Document Identifier	240-7124948	Rev	1
		Effective Date	01 April 2023		
		Review Date	April 2026		

To whom it may concern	Date	06 October 2026
	Enquiries	Yvonne Hadden
	E-mail address	HaddenY@eskom.co.za

Dear Sir/Madam

Request for Enquiry Number	E3480DXKZNOU
Description / Project Title	For the Provision of Supervision, Labour, Equipment, Material (except for the Eskom Free Issue material, i.e Wooden Poles, Concentric Cable, Meters and Pole Top Split Meter Boxes) for the Electrification of 60 Off-Grid Connections at Maqhashiya Village using Solar PV and a further 12-month post installation maintenance in the KZN Operating Unit, Central East Cluster
Tender Questions Closing Date	08 October 2026

Item	Questions	Answers	Clarity Published Dates
1.	Hope you are well, please can you send us the bending schedule & the confirmation of the size of the spacing as requested below by the supplier, in order for them to quote on item no. 2.08 on the BOQ. Also if there are any drawing for this pls can you send it to us as well as we have checked on the portal & we cannot see this.	The bending schedule, will be made available upon contractor award by Eskom. Provided steel reinforcement values (in mass) as found in the BOQ was based on previously assumed design parameters. Could the new Foundation Steel Reinforcement value please be accepted as 1629 kg (2640 metres in total, using a unit mass of 0.617 kg/m) for the entire project.	06 October 2026

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		<u>Additional specifications (if required):</u> For each concrete pad foundation. 2x Y10 for Bottom X-reinforcement. 2x Y10 for Bottom Y-reinforcement. 2x Y10 for Top X-reinforcement. 2x Y10 for Top Y-reinforcement. With Y08s to be used as Stirrups.	
2.	Local content do we need to fill in only annexure c or must we complete c, d and e.	Only Annexure C to be completed for Local Content.	06 October 2026
3.	Civils boq – please advise if we must price both options a and b – ready mix and hand mix if we are only going to be using 1 option for the job?	Please price both Options A and B. The method ultimately adopted will be dependent on access conditions at each structure position. As some locations may accommodate ready-mix concrete while others may require hand-mixing due to access constraints, both options are to be priced to allow for the appropriate method to be selected during execution.'	06 October 2026
4.	I am not sure if we need to raise this concern on the tender portal or it can be addressed with the design engineer who drew the steel frame work for the solar panels. We have serious concerns that the drawings do not show any detail on the connection method of the top purlins to the columns.	The statement that “the 6.63 m span is excessive for the specified member and that the structure will experience unacceptable deflection under the PV loading” is not supported by the Eskom design analysis. The structural members were selected based on an analysis of the complete structural system, considering the self-weight of the structure, PV module loads, maintenance loads, wind uplift, and downward wind loading, in accordance	06 October 2026

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	The span of 6,63 meters is too long for the specified material , it has a bow of 56mm mid centre and once the weight of the solar panels we will be in trouble.	with the applicable design criteria stated on the drawings. The reported 56 mm bow/deflection does not correlate with the design results and therefore cannot be accepted without supporting calculations. Kindly provide the calculation methodology, loading assumptions, support conditions, and member properties used to derive this value for review. With respect to the connection of the top purlins to the columns, the tender drawings were not intended to provide detailed fabrication or connection design. As noted on the drawings, the detailed connection design and associated calculations will be submitted upon contract award, and there is no requirement for the contractor to undertake the design. The final connection drawing will be engineered to satisfy all strength, stability, and serviceability requirements. Furthermore, the adequacy of the member cannot be assessed in isolation from the overall structural system. The final structural performance depends on the interaction between the members, support conditions, bracing, connection stiffness, and applied loading. Consequently, a conclusion regarding the suitability of the member cannot be drawn solely from an assumed deflection value or from the absence of detailed connection drawings at this stage.	

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5.	Can you please confirm if the 5kW system is 3 phase or Single phase?	Single Phase	06 October 2026

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