

Tender Ref No: CESVI-ZIMBABWE/IOT/01-2018

Questions & Answers

DOMBOLIDENJE

- Q 1.** “Pump must be able to work with solar panels”. Is this another tender. If so, please may we quote or is it for the future?
- A 1.** SOLAR INSTALLATION IS PART OF A SEPARATE TENDER. SUPPLIERS ARE NOT REQUESTED TO QUOTE AS PART OF THIS TENDER “CESVI-ZIMBABWE/IOT/01-2018” BUT FREE TO PARTICIPATE IN THE SPECIFIC TENDER WHEN IT WILL BE LAUNCHED
- Q 2.** When running on solar panels you require the use of a multi stage pump when using solar not a single stage centrifugal pump (specified) as single stage pumps cannot make required pressure when sunlight is low.
- A 2.** A MULTI STAGE PUMP CAN BE QUOTED. THE TENDER DOCUMENT DOES NOT SPECIFIED A SINGLE STAGE PUMP(even to consider vsd rather than star delta for starters boxes)
- Q 3.** I am assuming electrics from solar panels will be 380v, is it possible to quote on this?
- A 3.** YES CORRECT. ELECTRICS WILL BE 380V. SEE A 1. ABOUT QUOTING FOR SOLAR EQUIPMENT

KWALU

- Q 4.** 2 booster pumps are requested doing 130m³/h, 1 will be perfect for the 26ha pivot but a 34ha pivot will require a 170m³/h booster pump so will be too small.
- A 4.** THE REQUESTED FLOW RATE IS 130 AND 100 RESPECTIVELY
- Q 5.** On the pivot it does not mention your preferred distance between sprinklers, as I am assuming this is for citrus we would want to put sprinklers as per the client request as you have the experience of what works best please can you provide and if you prefer dual sprinklers per drop pipe or single
- A 5.** ONLY 1 PIVOT (34Ha) IS REQUESTED EQUIPPED WITH CITRUS PACKAGE, AS INDICATED IN THE TENDER DOSSIER. DUAL DROP PIPES UNDER CONOPY WITH ADDITIONAL INTERROW NOZZLE, ALL WITH ISOLATING VALVES, ARE REQUESTED. DUAL DROPS EVERY 9 METRES WITH 3 SPRINKLERS (CITRUS SIDE BY SIDE + INTRECCROPPING) EACH WITH ISOLATION VALVES.
- Q 6.** 1x “floating river pump” doing 130m³/h is requested, but 60ha of pivot is listed needing 10.2mm/day which equates to needing a flow of 300m³/h.
- A 6.** “FLOATING RIVER PUMPS” ARE TO COVER LIMITED PERIOD WHEN WATER IS UNAVAILABLE FROM THE REGULAR SYSTEM (SEE A 8. FOR REFERENCE ON TECHNICAL SPECIFICATIONS). PLEASE REFERRED TO THE REQUESTED SPECIFICATION AND WATER DEMAND

Q 7. The document makes reference to the night storage dam and pump house. Is this to be on another tender?

A 7. YES, CORRECT. NIGHT STORAGE DAM IS NEARLY COMPLETED AND PUMP HOUSE IS PART OF A SEPARATE CONTRACT

RIVER RANCH & KWALU

Q 8. Floating river pump - The river is either just a sand river or in a heavy flood so its unsuitable for a floating platform. This is a very strange request given there is no weir or dam or any permanent surface water please can we have more information such as drawing or picture of similar installation that we can get inspiration from as the designing engineer must have seen something already working that provided inspiration for this request.

A 8. SUPPLIERS MUST PROPOSE OWN PUMP DESIGN THAT CAN EXTRACT WATER FROM THE RIVER WHEN IT IS AT LOW FLOW (e.g. MARCH & APRIL) BUT THEY MUST ENSURE IT DOES NOT GET FLOODED IF THERE IS A FLASH FLOOD. PUMPS MUST BE INSTALLED ON A MOUVABLE PLATFORM TO ALLOW TRACTOR TO DRAG IT INTO THE RIVER AND PULL IT OUT WHEN NOT NEEDED

Q 9. “Sand abstraction abilities” what exactly does this refer to? A pump does not do sand abstraction it is a sand borehole or well point that allows water to be abstracted from the sand through a submerged screen in the sand. A Pump does not do this.

A 9. SEE A 8. ABOVE

ALL

Q 10. All tender docs say electrics must be sufficient to run a fertigator and agitator, is this to be included by us or by others?

A 10. THIS IS NOT PLANNED FOR NOW BUT IT MIGHT BE ADDED IN FUTURE, THEREFORE THE PROPOSED SYSTEM SHOULD CATER FOR THE EXTRA POWER