Annexure A

SCOPE OF WORK

The supplier will be required to transport the following solar water heater components;

Collection Addresses

NECSA: Elias Motsoaledi Street Extension (Church Street West), R104 Pelindaba, Madibeng Municipality, Northwest, 0240

Items to be collected:

Description	Quantities	Collection point	Delivery point	Estimated Kilometres (KMs)
Tanks	550	NECSA	Mziwabantu hall Riet Street (Brickstown)	795 KM
Tubes	550 boxes (12 tubes inside each box)			

Delivery address:

Mziwabantu community hall
Riet Street
Britstown

Timelines

The items need to delivered as soon as the award is concluded.

Mandatory requirements

- Service provider to provide proof of adequate Insurance for the assets being moved. Value of items being transported is R3 million.

PRICING SCHEDULE

Description	Distance	Estimated Amount
Trip: Collection from NECSA to Emthanjeni Municipality (Bricks town)	795km	
Other costs (such as medical tests)		
Total costs (Ex VAT)		R
VAT (@15%)		R
TOTAL (All inclusive)		**R**

NB: The bidders must provide an all-inclusive pricing offer that is fixed and lump sum to deliver the full scope of requirements.
This table serves as a template and the service provider may amend it to include all foreseeable costs and activities to provide the assignment as per scope of work and provide a lump sum as per above.

- For the collection from NECSA. **Service provider to ensure that drivers and loading assistant have valid medicals certificates. The service provider must make provision of these medical tests in their quotation, however, NECSA will advise which service provider can assist with the medical tests.**

Please note that the boxes are stackable at a maximum 8 levels high.

See specification below for a 100-litre solar ray geyser.

SOLAR RAY

GIVING YOU MORE FOR LESS!

100ℓ 150ℓ 200ℓ

HIGH PRESSURE SOLAR WATER HEATERS

Features

- All components with exception of collector tubes are locally supplied.
- Tank is manufactured from tough grade 444 stainless steel 1.2 mm thick.
- Evacuated tubes are top quality, 2.2 mm thick and German designed.
- Tough pre-coated corrosion resistant Aluzinc outer wrap.
- Tank insulating material is 2015 protocol compli
- The framework is availa ease of installation.
- High Pressure Water he rated at 400kPA.
- The units are installed o

		SRHPE-100ℓ,150ℓ,200ℓ
		100l
Packaging info	Type	Boxed
	Size	500 X 500 X 1300
Dimensions and Capacities	Size of Geyser	1260 X 470Ø
	Weight installed System Empty	101kg
	Weight installed System Full	201kg
	Overall Footprint including tubes	1608.4 X 2258 mm
Tank Information	Capacity	100L
	Inner Tank Material	1.2mm 444 Stainless Steel
	Inner Tank Diameter	360mmØ
	Insulation Material	Polyurethane Foam
	Insulation Thickness	50mm
	Insulation Density	36kg m^3
	Outer Tank Material	Precoat 0.4 Alu-Zinc
	Outer Tank End Caps Material	UV resistant Polypropylene
	Product Diameter	470mmØ
	Tank Joints	Butt Welded
	Tank Exit / Inlet Tubes	3/4 inch male exit / inlet
	Element	2000W
	Volts	230V 50Hz
	Working Pressure	400kPa
Solar Collector Tubes	Outer Tube Diameter	58mmØ
	Material	High Borosilicate glass
	Tube QTY	13
	Thickness	2.2mm
	Tube Length	1.8m
	Collector : m^2	2.015 m^2
	Collector Tube Output	150 W ea
Support Stand Information	Material	1.6mm Galvanised and Powder Coated
	Installation	Pitched Roof or Flat Roof
Efficiency	Standing Heat Loss	1.62 kW per 24 hours

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Attached are pictures of the tanks and boxes with tubes.


Glass Vacuum Tube
Glass Vacuum Tube
Glass Vacuum Tube
Glass Vacuum Tube
Glass Vacuum Tube
HUAWEI nova 9
AI QUAD CAMERA


SOLAR RAY
HUAWEI nova 9
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