



## Technical Specification of Electric Stove (Single Pot Induction)

SN	Description	Specification (Proposed)
1	Type	Induction Cookstove-Single Pot
2	Rated Power (Minimum active power)	2000W (Tolerance: -10% to +5%)
3	Keypad power mode range for different cooking functions	$\leq 200-2000W$ (Display power at the time of start $\leq 500W$ )
4	Frequency	50 Hz
5	Rated voltage (Max)	Rated voltage: 230 V ( $\pm 10\%$ )
6	Power factor	$\geq 0.9$
7	IGBT over heat protection	Yes
8	Efficiency	$\geq 86\%$
9	Leakage current	Shall not exceed 0.21mA, should not spread on the surface of induction hob
10	Top plate (hob)	A grade crystal glass plate ( $\geq 4$ mm thick) (Must submit test certificate issued from independent laboratory)
11	Supply cord (to connect to electricity mains)	3 core of $\geq 1.5$ mm <sup>2</sup> (ID) copper cable of a $\geq 1.0$ m length
12	Induction hob element	Copper coil (Must submit test certificate issued from independent laboratory)
13	Heating surface diameter of hob	$\geq 100$ mm and $<330$ mm
14	Cooking zone	Single with limitative marking on the surface of the hob
15	Control part for adjusting the power or temperature respectively of a cooking zone	Push-button/Touch-button
16	Timer function	Yes
17	Child lock function	Yes
18	Pan detector	Yes
19	Top control	Yes, digital display
20	Quick start function	Yes
21	Cooking functions	5 or more
22	Power and temperature setting	Yes
23	Warranty	Minimum 1-year replacement warranty
24	Product identification	Unique serial number
25	Certification requirements	IEC 60335-1 / NS 564 (Bidder must provide certificate from an independent laboratory)