बेलका नगरपालिका



नगर कार्यपालिकाको कार्यालय



प्रदेश नं. १, नेपाल

Infrared चुलो खरिदका लागि सिलैंबँनैदी दररेट आह्वान सम्बन्धी सूचना

प्रथम पटक प्रकाशित मितिः २०७९। १०। ०६ गते

बेलका नगरपालिका, नगर कार्यपालिकाको कार्यालय, रामपुर, उदयपुरलाई संलग्न मापदण्ड (Technical Specification) बमोजिमको Infrared चुलो आवश्यक भई खरिद गर्नुपर्ने भएकाले यस कार्यालयको मौजुदा सूचिमा सूचिकृत भएका Infrared चुलो आपूर्ती गर्ने फर्म वा कम्पनीहरुलाई तपिसल बमोजिमको शर्तमा सिलबन्दी दररेट पेश गर्नुहुन यो सूचना प्रकाशन गरिएको छ।

- सिलबन्दी दररेट मिति २०७९। १०। १३ गते कार्यालय समयभित्र यस कार्यालयमा दर्ता गराईसक्नु पर्नेछ।
- २. दररेटदाताको ग्राह्यताको आधार तथा त्यस्तो आधार प्रमाणित गर्न दररेटदाताले सिलबन्दी दररेटपत्रसाथ देहायका कागजात पेश गर्नुपर्नेछः
 - (क) फर्म/संस्था/कम्पनी दर्ता प्रमाणपत्रको प्रतिलिपी वा व्यवसाय दर्ता प्रमाणपत्रको प्रमाणित प्रतिलिपी,
 - (ख) मूल्य अभिवृद्धि कर दर्ता प्रमाणपत्रको प्रमाणित प्रतिलिपी,
 - (ग) दरभाउपत्रदाताले खरिद कारबाहीमा भाग लिन अयोग्य नभएको, प्रस्तावित खरिद कारबाहीमा स्वार्थ नबाझिएको र सम्बन्धित पेशा वा व्यवसाय सम्बन्धी कसुरमा आफूले सजाय नपाएको भनी लिखित रुपमा गरेको घोषणाको सक्कल प्रति,
 - (घ) आ.व.२०७८।७९ सम्मको कर चुक्ता प्रमाणपत्रको प्रमाणित प्रतिलिपी वा कर दाखिला प्रमाणको प्रमाणित प्रतिलिपी,
 - (ङ) फर्म/कम्पनीले आधिकारिक रूपमा प्रतिनिधि नियुक्त गरेको सक्कलै पत्र,
 - (च) संलग्न Technical specification को बुँदा नं. ८.२ मा Bold अक्षरमा लेखिएका प्रमाणपत्रहरू अनिवार्य रूपमा पेश गर्नुपर्नेछ।
- दररेट बुझाउँदा सिलवन्दी गरी खामको बाहिर कार्यालयको नाम ठेगाना स्पष्टसंग उल्लेख गर्नु पर्नेछ।
- ४. यस सम्बन्धी थप कुराको जानकारी आवश्यक परेमा कार्यालय खुलेको समयभित्र कार्यालयको ईमेल belakamun@gmail.com वा ९८४३७०३५६५ मा कार्यालय समयभित्र सम्पर्क राख्न सिकनेछ।

(राम प्रसाद वाग्ले)

प्रमख प्रशासकीय अधिकत

Walkaita wayay balakamun gov np. F-mail: belakamun@gmail.com मासु प्रशासकीय अधिकृत

Specification of Infrared Cooker with BBQ Grill

1 General Description

- 1.1. The product shall be based on infrared technology; with faster, even heat transfer, flame less and shall be compatible with all kind of cookware with flat bottom.
- 1.2. The product shall have Single burner and shall be easily operable.
- 1.3. The product shall have knob/sensor touch to control power and consequently temperature with on/off features.
- 1.4. The housing of the product shall be and also water resistant, non-corrosive, oil proof, easy to clean and high temperature resistant
- 1.5. The Top plate (hob) of Product shall be "A Grade Black Crystal Plate/Schott Ceran Plate", smooth and easy to clean.
- 1.6. The product shall be warranted at least for one year from the date of sale to the user.
- 1.7. The heating surface diameter of Single burner shall be within the range for between 150 mm to 155mm.
- 1.8. The connecting power cord shall be at least one- meter length copper wire (3core of minimum 1.5 or above mm2) of appropriate size to withstand rated maximum current flow.
- 1.9. The product shall be of light weight for easy handling and design with environmental concern for minimum indoor pollution and each of the products shall not exceed 2.1 kg without packaging materials.
- 1.10. The product shall be designed with built in skid proof rubber feet.

2 Electric Parameters

- 2.1. Single-phase nominal voltage operable in 200 V to 240 V AC range.
- 2.2 Voltage Working Range must be L88~H280V.
- 2.3 Frequency: 50 Hz.
- 2.4 Leakage of Current Shall not exceed 0.21mA, shouldn't spread on the surface of infrared hub.
- 2.5. Maximum input power shall vary depending on the size of the heating surface but not exceeding 2000 watts for Single burner to avoid sudden overload in the local NEA supply system. The rated capacity for burner should be 2000 W.
- 2.4. Recommended continuous useable time period shall not be less than 2 hours.
- 2.5. The power factors shall be more than 0.8 at full load and 0.6 at half load.
- 2.6. The certificate of the country of origin of the product shall be submitted.

3 <u>Display features</u>

3.1. Adjustable power consumption for:

• Single Burner : 0 watt to 2000 watt with at least 10 knob positions.

Timer Function : YesChild lock function : Yes

Power Setting Level : Minimum 8 Levels
 Temperature Setting Level : Minimum 8 Levels

Pan detector : Yes

• Top control : Yes, digital display

Auto Switch Off Safety : Yes
Over Heater Protection : Yes
Over Voltage Protection : Yes
Over Current Protection : Yes
Cooking functions : 6 or more

3.2. The product shall have an indicator to show the surface is hot when food is being cooked.

4 Control and Safety

- 4.1. Automatic safety shut off facility with thermostat control shall be built in.
- 4.2. The product shall have cooling fan or thermostat to control overheating.

5 Thermal Efficiency

5.1. Efficiency of the supplied product shall be tested in Nepal by an authorized agency Renewable Energy Test Station (RETS) (Thermal Efficiency shall be above than 70% or greater than 70%) and shall be submitted along with the bid.

6 Supply and After sales services

6.1 The Bidder or Manufacturers must submit Commitment Letter to supply & Delivery of items within the given Schedule. 6.2 The supplier shall provide repair and maintenance service by qualified technical personnel in case of problems occurred within warranty period.

7 Product operation Manual

- 7.1. The user-friendly operational manual must be included in brief information in Devanagari script (preferred) or in English explanatory pictorial messages and easily understandable drawings/ diagrams.
- 7.2. Product identification = Unique serial number.
- 7.3. Special safety precautions related DO's and Don'ts. DOs shall be explained in the operational manual along with required maintenance and daily care.
- 7.4. Each product should have identification number such as Unique serial number. The product shall have ISO certified Rating label, CB Rating label, CE Rating label. The supplier shall mention this certification in bid and provide the evidence of this certification along with bid.

8 <u>Certification</u>

- 8.1 The suppliers shall include the copy of certificate mentioning the verified technical specifications and manufacturer's authorization by the manufacture of the supplied product along with the bid.
- 8.2. The bidder shall submit relevant certificates with test report related to the product. The **mandatory certificate** to be submitted along with bid are (i) ISO Certificate of product of the Manufacture Company, (ii) Renewable Energy

Testing Station (RETS) Observation test Certificate, (iii) CE (European safety standard) Certificate with EN 60335-2-9 test report, (iv) CB (Certification Body) test Certificate with IEC 60335-2-9 test report, (v) Certificate of the country of origin of the product. (The Product Certificate will be verified from manufactures website for existence and Validity.)

- 8.3 The bidder shall provide minimum one year product warranty. The bidder shall also provide minimum 10 years warranty for IGBT (Insulated-gate bipolar transistor) document.
- 8.4 Crystal Plate Screen Printed Brand and logo of product/company shall be clearly visible on the Top plate (hob) of the product.
- 8.5 Minimum One year product warranty for Cooking Stove Commitment letter with free support statement on manufacturers or vendor letter head with duly stamp and signed must be submitted with the submission of bid document.



Belaka Municipality Office of Municipal Executive

Rampur, Udayapur

Province No:-1, Nepal

Bill of Quantity (BoQ)

FY: 2079/2080

Name of project: Procurement and Delivery of Infrared Cooker with BBQ Grill

Location: Belaka Municipality, Rampur, Udayapur

Sl. No.	Description of Items	Unit	Total Quantity	Rates (NRs) (Excluding VAT)			The bidder shall state about TS as Fully
				In Figures	In Words	Amounts (NRs)	complaint/ Partially complaint/ Non complaint
1	Infrared Cooker with BBQ Grill as per technical specification	Nos	114				
Total amou	unt in words:				Total Cost		
					VAT, 13%		
					Total with VAT		

	Total Cost			
	VAT, 13%			
	Total with VAT			
Name of Firm:				
Name of Authorized Person:	Seal of Firm:			
Designation:				
Signature:	Date:			