

Clarification 1st against the query raised by Prospective Participants during the Consultation meeting dated 05/10/2020 for the EoI for Renewable Energy (RE) based Solutions/System requirements in remote areas (HAA) of Himalayas, India

Sl. No.	Query	SECI's Response
1	Present Source of Electricity	Diesel Generators with capacity:- 2x15 kVA 2x4.8 kVA 1x0.75 kVA
2	Load Profile of consumer	Indicative Load Profile Enclosed as Annexure -I
3	Installation would be on the Land/Snow or Rooftop of the existing infrastructure	Installation would be on the frozen snow
4	Scope of work during O&M - whether the consumer will do O&M or the bidder will have to deploy manpower for O&M	The bidder will have to train manpower of the consumer to carry out O&M activity
5	Logistic limitations	Transportation of equipment will be manpack or by air. Max dimensions of package to be 5.5'x3'x3' and maximum weight 450 kg

Annexure to Clarification 1st is attached below

- 1. Backup Hrs Reqd : 3 x 24 hrs/72 hrs
- 2. Hourly Id Profile

(a) Bty Backup Reqd for Essential Elec Eqpt/Appliances

S No	Electric Eqpt/Appliances	Load (KW)	Remarks
(i)	Exch 1000W, V-SAT-500, Bulb-300W, Office – 200W, Inverter- 1000W & DMR Base – 300W	13.300KW	Reqd for 08-10 hrs

(b) Elec Ld Table

S No	Electric Eqpt/Appliances	Rating (KW)	Time of Operation	
			From (hh:mm)	To (hh:mm)
(i)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 500W Tele Medicine- 500W, Electric Heater-4000W ,DMR Base-300W, DMR Charger-300W, Cook House -300W & Inverter – 1000W	9.900	0500	0600
(ii)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 500W Tele Medicine- 500W, Electric Heater-4000W DMR Base-300W, DMR Charger-300W, Cook House 300W & Inverter – 1000W	9.900	0600	0700
(iii)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 500W Tele Medicine- 500W, Electric Heater-4000W ,DMR Base-300W DMR Charger-300W, Cook House 300W & Inverter – 1000W	9.900	0700	0800
(iv)	Bulb – 500W, Exch-1000W,V-SAT -500W,TV-700W , Electric Heater – 2000W, Telemedicine – 500W & KU Band – 1500W	6.700	0800	0900
(v)	Bulb – 500W, Exch-1000W,V-SAT -500W,TV-700W , Electric Heater – 2000W, Telemedicine – 500W & KU Band – 1500W	6.700	0900	1000

(vi)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 300W, TV-700W, Cook House -300W, Office - 200W, Telemedicine- 500W, Electric Heater-2000W, Mixer Grinder – 1000W, Inverter – 1000W, Mob Charger- 300W, DMR Base-300W & Bty Charger – 2V75AH – 1000W	10.600	1000	1100
(vii)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 300W, TV-700W, Cook House 300W, Office - 200W, Telemedicine- 500W, Electric Heater-2000W, Mixer Grinder – 1000W, Inverter – 1000W, Mob Charger- 300W, DMR Base-300W & Bty Charger – 2V75AH – 1000W	10.600	1100	1200
(viii)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 300W, TV-700W, Cook House 300W, Office - 200W, Telemedicine- 500W, Electric Heater-2000W, Mixer Grinder – 1000W, Inverter – 1000W, Mob Charger- 300W, DMR Base-300W & Bty Charger – 2V75AH – 1000W	10.600	1200	1300
(ix)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 300W, TV-700W, Cook House 300W, Office - 200W, Telemedicine- 500W, Electric Heater-2000W, Mixer Grinder – 1000W, Inverter – 1000W, Mob Charger- 300W, DMR Base-300W & Bty Charger – 2V75AH – 1000W	10.600	1300	1400
(x)	Bulb – 500W, Exch-1000W,V-SAT - 500W,TV-700W , Electric Heater – 2000W, Telemedicine – 500W & KU Band – 1500W	6.700	1400	1500
(xi)	Bulb – 500W, Exch-1000W,V-SAT - 500W,TV-700W , Electric Heater – 2000W, Telemedicine – 500W & KU Band – 1500W	6.700	1500	1600
(xii)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 300W, TV-700W, Cook House 300W, Office - 200W, Telemedicine- 500W, Electric Heater-4000W, Mixer Grinder – 1000W, Inverter – 1000W, Mob Charger- 300W, DMR Base-300W & Bty Charger – 2V75AH – 1000W	12.600	1600	1700

(xiii)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 300W, TV-700W, Cook House 300W, Office - 200W, Telemedicine- 500W, Electric Heater-4000W, Mixer Grinder – 1000W, Inverter – 1000W, Mob Charger- 300W, DMR Base-300W & Bty Charger – 2V75AH – 1000W	12.600	1700	1800
(xiv)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 300W, TV-700W, Cook House 300W, Office - 200W, Telemedicine- 500W, Electric Heater-4000W, Mixer Grinder – 1000W, Inverter – 1000W, Mob Charger- 300W, DMR Base-300W & Bty Charger – 2V75AH – 1000W	12.600	1800	1900
(xv)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 300W, TV-700W, Cook House 300W, Office - 200W, Telemedicine- 500W, Electric Heater-4000W, Mixer Grinder – 1000W, Inverter – 1000W, Mob Charger- 300W, DMR Base-300W & Bty Charger – 2V75AH – 1000W	12.600	1900	2000
(xvi)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 300W, TV-700W, Cook House 300W, Office - 200W & Electric Heater-4000W, Inverter – 1000W, Mob Charger- 300W, DMR Base-300W	10.100	2000	2100
(xvii)	Exch – 1000W, KU Band -1500W, V-Sat-500W, Bulb – 300W, TV-700W, Cook House 300W, Office - 200W & Electric Heater-4000W, Inverter – 1000W, Mob Charger- 300W, DMR Base-300W	10.100	2100	2200
(xviii)	Exch- 1000W, MI Room & Security Lights- 200W & Electric Heater – 2000W	3.200	2200	0500