ANNEXURE-I

DESCPRIPTION logging of Normalized Difference Vegetative Index (NDVI) for generating maps. Also Unit should be supported with handheld PDA EMISSION WAVELENGTH Near infrared 774nm Red 656nm MECHANICAL SPECIFICATION Dimension Less than 30x10x20 cm (LxWxH) Weight Less than 2 kg Mounting Should be Tractor mounted Sensor mounting Height ELECTRICAL SPECIFICATION Voltage 12VDC Current 0.75 A OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digita compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year PDA provided should be compatible with the Greenseeker.	ITEM	Unit that provides precision measurement and data	
Red 656nm MECHANICAL SPECIFICATION Dimension Less than 30x10x20 cm (LxWxH) Weight Less than 2 kg Mounting Should be Tractor mounted Sensor mounting Height ELECTRICAL SPECIFICATION Voltage 12VDC Current 0.75 A OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digita compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year		logging of Normalized Difference Vegetative Index (NDVI) for generating maps. Also Unit should be	
Near infrared 774mm			
MECHANICAL SPECIFICATION Dimension Less than 30x10x20 cm (LxWxH) Weight Less than 2 kg Mounting Should be Tractor mounted Sensor mounting 75 cm to 100 cm Height ELECTRICAL SPECIFICATION Voltage 12VDC Current 0.75 A OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digita compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Near infrared		
Dimension Less than 30x10x20 cm (LxWxH) Weight Less than 2 kg Mounting Should be Tractor mounted Sensor mounting Height T5 cm to 100 cm Height ELECTRICAL SPECIFICATION Voltage 12VDC Current 0.75 A OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digita compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Red	656nm	
Weight Less than 2 kg Mounting Should be Tractor mounted Sensor mounting 75 cm to 100 cm Height ELECTRICAL SPECIFICATION Voltage 12VDC Current 0.75 A OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digita compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year		MECHANICAL SPECIFICATION	
Mounting Should be Tractor mounted Sensor mounting 75 cm to 100 cm Height ELECTRICAL SPECIFICATION Voltage 12VDC Current 0.75 A OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digita compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Dimension	Less than 30x10x20 cm (LxWxH)	1
Mounting Should be Tractor mounted Sensor mounting 75 cm to 100 cm Height ELECTRICAL SPECIFICATION Voltage 12VDC Current 0.75 A OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digita compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Weight		
Sensor mounting Height ELECTRICAL SPECIFICATION Voltage 12VDC Current 0.75 A OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digitate compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year		Should be Tractor mounted	-
Voltage 12VDC Current 0.75 A OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digital compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Sensor mounting	75 cm to 100 cm	
Current 0.75 A OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digital compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year		ELECTRICAL SPECIFICATION	
OUTPUT Data Format RS 232 Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digitation compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Voltage	12VDC	
Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digita compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Current	0.75 A	
Vegetation Index NDVI NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digital compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year		OUTPUT	
NDVI Range 0 to 1 (approximate limits) PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digital compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Data Format	RS 232	
PDA SPECIFICATION Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digital compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Vegetation Index	NDVI	-
Weight 750gm Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digital compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	NDVI Range		
Operating System Windows or Android Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digital compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year		PDA SPECIFICATION	
Screen 4.5" and above Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digital compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Weight		
Battery 4000mAh minimum Sensors Accelerometers, gyroscope, Ambient light sensor, Digital compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Operating System		
Sensors Accelerometers, gyroscope, Ambient light sensor, Digital compass, Barometer, Proximity, Ambient temperature Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Screen		
compass, Barometer, Proximity, Ambient temperature USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMENTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Battery		
Connections USB A Host, USB micro, DB9 RS-232 serial ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Sensors		L
ACCESSORIES Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Connections		
Sensor Cable Integrated Stainless Steel Bracket OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year			
OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Sensor Cable		1
OTHER REQUIREMEMNTS A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year	Integrated Stainless S	Steel Bracket	1
A demonstration of working of entire unit at the institute is preferred. The supplier should be reliable. Warranty: 1 year			1
The supplier should be reliable. Warranty: 1 year	A demonstration of working of entire unit at the institute is preferred.		1
			1
			1
		d be compatible with the Greenseeker.	

Hhw: