		FINANCIAL BID		**FORMAT-I**
	Name of the Bidder/Firm……			
	Address of the Bidder/ Firm			
	GST No. of the Bidder/ Firm……..			
	Machinery for Plastic Processing Plant		**UQC**	**Rate per unit (In Rupees)**
S. No.	**Product Name**	**Specifications**	**unit**	**In Rupees**
1	24" Grinder Machine (With Motor)	Grinder Size: 24 inch	each	
		Body Sheet Thickness: 35 mm (MS Plate)		
		Running Blade: 2 pcs, inside		
		Outer Fixed Blade: Pcs. (quantity not specified in source)		
		Machine Frame: 3 inch, heavy-duty angle		
		Motor Required: 30 HP / 1440 RPM		
2	Screw Conveyor MS Body	Screw Conveyor Length: 12 ft	each	
		Screw Conveyor Width: 15 inch		
		Motor: 2 HP		
3	Floating Tank (With Motor) (MS)	Floating Tank Size: L 12 × W 4 × H 5 ft	each	
		Tank Sheet Thickness: 4 mm (MS)		
		Motor + Gear Required: 3 HP		
4	Belt Conveyor (With Motor)	Belt Length: 8 ft	each	
		Belt Width: 1.5 ft		
		Motor + Gear Box: 2 HP		
5	Double Dryer With Motor	Body Size: 4 ft length × 2.5 ft width	each	
		Body Sheet Thickness: 3 mm (MS)		
		Motor Required: 20 HP		
6	100kg Plastic Mixture (With Motor)	Mixture Size: 30 × 32	each	
		Body Sheet: 20 mm (MS)		
		Frame Make: 3 inch angle		
		Motor: 40 HP		
7	Extruder for Pelletizing	100kg/hr	each	
		Machine Size 27 x 5 x 6 ft		
		with Dana Cutter and Water Tank		
8	Electric Panel	As per Machine Capacity	Each	
	Vending Machines			
1	FAST FOOD CART	STAINLESS STEEL KITCHENWARE , MS OUTER BODY WITH PAINT	Each	
		2 FRIER AND 1 BURNER		
		4 WHEEL CART WITH HAND PUSH AND TOW		
		HUT TYPE ROOF WITH SOLAR LIGHT PROVISION		
		PREFERABLE SIZES - 6*4,10*5,8*4 Ft		
2	FRUITS AND VEGETABLE CART	4 WHEEL CART WITH HAND PUSH AND TOW	Each	
		HUT TYPE ROOF WITH SOLAR LIGHT PROVISION		
		MS OUTER BODY WITH PAINT		

		PREFERABLE SIZES - 8*4,6*4 Ft		
		Solar LED Street Light with Pole		
1	**Parameter**	Indicative tender specification	Each	
	Luminaire	25 W MPPT-based LED luminaire, minimum 135 lm/W, IP65, LM-80 LED certificate; dusk-to-dawn operation. Target illumination to be verified on site.		
	Optics & control	Road-type asymmetric optics; glare-controlled distribution; dusk-to-dawn automatic operation using light sensor / controller; manual override where required.		
	Solar PV module	160 Wp SPV module at 16.4 V under STC		
	Battery	12.8 V, minimum 80 Ah LiFePO4 battery, with BMS and compliance evidence to latest applicable BIS/IS-16046 requirements.		
	Charge controller	MPPT-based controller with protections against no-load, short circuit, reverse current / reverse battery and other applicable faults; low-battery and charging indications.		
	Pole	80 NB, Class B GI pipe pole, minimum 35 kg, conforming to IS 1161 / IS 1239 / IS 4736 as applicable. Confirm pole height, foundation and wind suitability for each site.		
	Mounting	PV module bracket, luminaire arm, clamps, fasteners and anti-theft hardware; corrosion-resistant, outdoor-grade fittings.		
	Enclosure / protection	LED compartment IP65 minimum; battery box GI sheet 20 SWG / PPCP or approved equivalent; corrosion-resistant structural finish.		
	Cabling & earthing	Copper cable of suitable current rating, protected routing, earthing and surge/lightning protection as per approved electrical design and applicable standards.		
	Autonomy	Dusk-to-dawn operation. Battery autonomy and operating profile to be confirmed by the buyer; specify minimum required backup in the tender.		
	Civil works	Excavation, RCC foundation, reinforcement, anchor bolts, pole erection, reinstatement and disposal of debris included in scope.		
	Testing & commissioning	Site installation, functional test, dusk-to-dawn test, charging/discharging checks, illumination verification and handover with test reports.		
		Solar High-Mast Lighting System		
2	**High-mast structure**	7 m long octagonal pole, 4 mm thick. For taller conventional high masts, height/section/thickness shall be separately designed and structurally certified for site wind loads.	Each	
	Raising/lowering	For the documented 7 m configuration, provide suitable access and maintenance arrangement. If a conventional raising/lowering high-mast carriage is required, specify motorised/manual winch, wire ropes, pulleys, locking and safety devices separately.		
	LED luminaires	4 × 22 W LED luminaires (88 W total); outdoor-rated, with photometric performance verified for the site.		
	Solar PV array	4 × 110 Wp SPV modules (440 Wp total)		
	Battery bank	4 × 50 Ah LiFePO4 batteries		
	Solar controller / power system	MPPT solar charge controller(s), compatible with the PV array and battery bank; DC protection, isolators, fuses, surge protection and battery status indication.		
	Operation	Automatic dusk-to-dawn switching; programmable dimming / part-night operation; provision for manual override and fault indication.		
	Foundation	RCC foundation designed for mast height, soil bearing capacity and wind load; anchor cage, template, foundation drawings and structural calculations to be submitted.		

	Earthing & lightning	Dedicated earthing and lightning protection system designed to applicable electrical safety standards; equipotential bonding of mast and equipment.		
	Cables & accessories	Outdoor-rated copper cables, glands, junction boxes, cable protection, internal wiring, fasteners and all accessories for complete operation.		
	Protection	Luminaire minimum IP66; corrosion protection suitable for outdoor exposure; electrical protection against overload, short circuit, reverse polarity and surge.		
	Installation	Complete supply, transportation, unloading, foundation, erection, solar module mounting, wiring, testing, commissioning and site restoration.		
3	**18 WATT SOLAR STREET LIGHT**	Soiar Panei Voitage: 12V nominai Battery: LiFeP04 Lithium Ferro Phosphate Battery Capacity: 12.8V, 24Ah Battery Energy: 307.2 Wh Charge Controller: Integrated MPPT/PWM Operating iñode: Åutomatic dusk-to-dawn Dimming: Two-level automatic dimming Colour Temperature: 550OK-6500K Luminaire Housing: Aluminium Protection: IP65 or higher Poie: Gi poie, 6 metres Pole Diameter: 3 inches Pole Thickness: 3 mm Mounting Height: Minimum 5 metres Battery Protection: Overcharge and deep-discharge protection Battery BMS: integrated Warranty: Minimum 5 years (as specified in tender)	Per piece	
4	**21 WATT LED BASED SOLAR STREET LIGHT SYSTEM AS PER APPLICABLE MNRE/BIS TECHNICAL REQUIREMENTS**	Supply, installation, testing and commissioning of 21 Watt LED-based standalone solar street lighting system comprising 150 Wp crystalline solar PV module, 12.8V 40Ah LifePO4 lithium battery with integrated BMS, MPPT charge controller, minimum 135 lumens/watt LED Iuminaire, automatic dusk-to-dawn operation with two-level dimming, IP65-protected Iuminaire, 6-metre hot-dip galvanized Gl pole of 3 mm thickness, solar panel mounting structure, battery enclosure, foundation, all electrical accessories, cables and necessary installation materials. Compiete system with 5-year comprehensive warranty and 25-year solar PV module performance warranty, subject to applicable tender conditions and manufacturer certifications.	per piece	
5	**1 KW TO 100 KW ON-GRID ROOFTOP SOLAR POWER PLANT**	1. 1,000 Wp or higher capacity eligible solar PV modules. 2. 1 kW single-phase grid-connected solar inverter with MPPT and anti-islanding protection. 3. Hot-dip galvanized MS/aluminium module mounting structure. 4. Complete DCDB and ACDB with suitable MCB, SPD and isolators. 5. DC solar cables, AC cables, connectors and conduits. 6. Proper earthing andlightning protection as per applicable standards. 7. Bi-directional net meter as per DISCOM requirements. 8. Compiete instaliation, testing, synchronization and cormmissioning. 9. Applicable MNRE, BIS, IEC and HPSEBL/Concerned DISCOM technical compliance. 10. Manufacturer warranties and applicable workmanship/maintenance warranty. System: Grid-connected on-grid rooftop solar plant without battery storage.	Per Kw	

6	**SPV Street Lighting System (7 Watt)**	FOR cost of SPV Street Lighting with 7 watt LED Luminary, 40 watt RFID Module, 12.8 Volt, 15 Ah Lithium Ferro Phosphate Type battery Complete in all respect as per MNRE, Govt. of India Specification including 5 years warranty	Per piece	
7	**SPV Street Lighting System(9 Watt)**	FOR cost of SPV Street Lighting with 9 watt LED Luminary, 50 watt RFID Module, 12.8 Volt, 15 Ah Lithium Ferro Phosphate Type battery Complete in all respect as per MNRE, Govt. of India Specification including 5 years warranty	Per piece	
8	**SPV Street Lighting System (25 Watt)**	FOR cost of SPV Street Lighting with 25 watt LED Luminary, 160 watt RFID Module, 12.8 Volt, 75 Ah Lithium Ferro Phosphate Type battery Complete in all respect as per MNRE Govt. of India Specification including 5 years warranty	Per piece	
		Name of the Bidder:		
		Address:		
		Sign and Seal		
		Date:		
		Email ID		
		Mob. No.		

			FINANCIAL BID	FORMAT-II	
	Name of The Firm/Bidder……				
	Address of the Firm/Bidder…….				
	GST NO. of the Firm/ Bidder…….				
Sr.No.					
1	**Subject: - Specification of Plastic waste Segregation Shed. (Size in feet W 8*L 4*H7)** **(प्लास्टिक कूड़ा पृथक्करण शेड)**	**Specification**	**Details**	UQC/ Unit	**Rate per unit (In Rupees)**
		Product	Segregation Shed	Each	
		Front Height	84 inches		
		Rear Height	78 inches		
		Width	96 inches		
		Length	48 inches		
		No of compartment	4		
		Compartment Size	24 Wx 48L inches		
		Total Area	32 sq ft		
		Roof Type	Slant		
		Roof Sheet	Pre-painted GI Sheet, ISI Mark, 0.50 mm		
		No. of Doors	4		
		Covering	GI Painted Sheets		
		Front	Painted GI Sheet with Logos, Wording, Material Type & Images		
		Side Details	Swachh Bharat Logo, Panchayat Name, Development Block, District, State		
		Other Side	Swachh Bharat Slogans		
		Door Size	2 ft x 4 ft, Lockable & Openable		
		Door Hinges	Each door shall be provided with 4 Heavy-Duty MS Hinges.		
		Compartment Divider	Heavy Duty Wire Mesh		
		Paint	coats of Synthetic Enamel Paint (Black) for rust protection.		
		Angle Size	35 x 35 x 35 mm		
		Material Size	35 x 35 x 35		
		Top Front Sheet	2 ft x 8 ft		
		Roof Sheet Thickness	0.50 mm		
		Side Sheet	35 mm ISI		
		Flex Work	Yes		

2	**Specification of Plastic waste Segregation Shed..(Size in feet W 6*L 4*H6) (प्लास्टिक कूड़ा पृथक्करण शेड)**	**Specification**	**Details**		
		Product	Segregation Shed	Each	
		Front Height	72 inches		
		Rear Height	66 inches		
		Width	72 inches		
		Length	48 inches		
		Number Of Compartment	2		
		Compartment Size	36Wx 48L inches		
		Total Area	24 sq ft		
		Roof Type	Slant		
		Roof Sheet	Pre-painted GI Sheet, ISI Mark, 0.50 mm		
		No. of Doors	2		
		Covering	GI Painted Sheets		
		Front	Painted GI Sheet with Logos, Wording, Material Type & Images		
		Side Details	Swachh Bharat Logo, Panchayat Name, Development Block, District, State		
		Other Side	Swachh Bharat Slogans		
		Door Size	3 ft x 4 ft, Lockable & Openable		
		Door Hinges	Each door shall be provided with 4 Heavy-Duty MS Hinges.		
		Compartment Divider	Heavy Duty Wire Mesh		
		Paint	coats of Synthetic Enamel Paint (Black) for rust protection.		
		Angle Size	35 x 35 x 35 mm		
		Material Size	35 x 35 x 35		
		Top Front Sheet	2 ft x 8 ft		
		Roof Sheet Thickness	0.50 mm		
		Side Sheet	35 mm ISI		
		Flex Work	Yes		

	Specification of Plastic waste Segregation Shed..(Size in feet W 10*L 5*H7)(प्लास्टिक कूड़ा पृथक्करण शेड)	**Specification**	**Details**		
		Product	Segregation Shed		
		Front Height	84 inches		
		Rear Height	78 inches		
		Width	120 inches		
		Length	60 inches		
		No of compartment	4		
		Compartment Size	30W x 60L inches		

3		Total Area	50 sq ft		
		Roof Type	Slant		
		Roof Sheet	Pre-painted GI Sheet, ISI Mark, 0.50 mm		
		No. of Doors	4		
		Covering	GI Painted Sheets		
		Front	Painted GI Sheet with Logos, Wording, Material Type & Images		
		Side Details	Swachh Bharat Logo, Panchayat Name, Development Block, District, State		
		Other Side	Swachh Bharat Slogans		
		Door Size	2.5 ft x 4 ft, Lockable & Openable		
		Door Hinges	Each door shall be provided with 4 Heavy-Duty MS Hinges.		
		Compartment Divider	Heavy Duty Wire Mesh		
		Paint	coats of Synthetic Enamel Paint (Black) for rust protection.		
		Angle Size	35 x 35 x 35 mm		
		Material Size	35 x 35 x 35		
		Top Front Sheet	2 ft x 8 ft		
		Roof Sheet Thickness	0.50 mm		
		Side Sheet	35 mm ISI		
		Flex Work	Yes		

Name of the Bidder:
Address:
Sign and Seal
Date:
Email ID
Mob. No.