

Summary Sheet for Tender No.04/2019-20

S. No.	Name of the Equipment /Machinery	Qty	Name of the CIPET centre *
1	Microprocessor Controlled PET Preform Stretch Blow Moulding Machine - 1 Litre Capacity	1	BBSR
2	Pipe Extrusion Unit with Jockey Extruder for Line Marking	1	MDU
3	Processing Simulation Software	12	Amr, Abad, Bpl, BLS, Chn, Guw, Hal, Hyd, Jai, Lko, Mys, Mur
4	Hydrostatic pressure testing machine for pipes with 6 long term stations	2	Koc, Jai
5	UV weathero meter	5	Amr, BBSR,Kochi, Hal,Mur
6	Pipe-end fittings for conducting pressure test	8	Ahmd,Abad,BBSR,Chn, Hyd,Jai,Lko,Mys
7	Dynamic Mechanical Analyzer (DMA)	2	Koc , BLR
8	CNC EDM Die Sinking Machine	10	Abad,Bpl,Hal,Hyd,Jai,Mys,Mur ,Lko,BBSR,Rpr
9	CNC Machining Centre / CNC Milling Machine (5 axis)	2	Amr, Jai
10	(a) Biodegradation set up - incubator type - (2nos.), (b) AUTO TITRATOR - (1 no.) & (c) KJELDHAL APPARATUS - (1 no.) - 1 set	6	Chn,Koc,BBSR,BLR,Mur,Luk
11	High Pressure Air Compressor	1	BLR - (Bengaluru)
12	High Torque Overhead Mechanical Stirrer	1	
13	Fuel Cell Test System and Hardware	1	
14	Transmission Electron Microscope	1	
15	Capillary Rheometer	1	
16	FE-SEM with EDAX and Gold & Platinum Sputtering Device	1	
17	TORQUE RHEOMETER	1	
18	Gel Permeation Chromatography (GPC)	1	
19	Vibration lab	1	
20	3D Optical Blue Light Scanner	1	
21	Server	2	
22	CREO Software - 5 License	1	
23	3-matic software for Light Weight Structure	1	
24	CNC Milling with Simulator - Education Model	1	
25	Atomic Force Microscopy (AFM) with motorized stage (XYZ Axis)	1	
26	Universal Testing Machine (UTM) with Environmental Chamber	1	
27	Refractometer	1	
28	Colour Spectrophotometer	1	
29	Contour Cutter	1	
30	Vibration Leakage Tester	1	
31	Glow Wire Tester	1	
32	Hybrid Membrane Test Skid Suitable for Cross-Flow Cell, Spiral Wound module and Hollow fiber Module	1	

33	Hollow Fiber Membrane Spinning Unit (pilot scale)	1	ARSTPS, Chennai
34	Hybrid Forward Osmosis Test Skid for Flat Sheet and Hollow Fiber Membrane	1	
35	3D printer - High Temperature Materials	1	
36	Twin Screw Compounder	1	
37	Steriolithographic Analyser	1	
38	Particle Size Analyser	1	
39	Linear Height Master	1	
* Amr - Amritsar, Abad - Aurangabad, Bpl - Bhopal, BLS - Balasore, Chn - Chennai, Guw - Guwahati, Hal - Haldia, Hyd - Hyderabad, Jai - Jaipur, Lko - Lucknow, Mys - Mysore, Mur - Murthal, Koc - Kochi, BBSR - Bhubaneswar, Ahmd - Ahmedabad, Rpr - Raipur, BLR - Bengaluru, MDU - Madurai			