

ANNEXURE-I**ADDITIONAL CONDITIONS TO ACCOMPANY CONSENT FOR OPERATION ORDER OF M/S. BENIR E-STORE SOLUTIONS PVT LTD., LOCATED AT PLOT NO. 178, HI TECH DEFENSE AND AERO SPACE PARK(IT SECTOR) INDUSTRIAL AREA, GOLLAHALLI VILLAGE, JALA HOBLI, BENGALURU NORTH TALUK, BENGALURU- 562110 ISSUED UNDER THE PROVISION OF WATER ACT, 1974 AND AIR ACT,1981**

1. This Consent for Operation (CFO) is issued for
i. E-waste recycling and recovery of precious metals of capacity 1320 TPA.

S I · N o	Categories of electrical and electronic equipment	Electrical and electronic equipment code	Quantity (TPA)
1	Centralized data processing: Mainframes, Minicomputers	ITEW1	300.000
2	Personal Computing: Personal Computers (Central Processing unit with input and output devices)	ITEW2	300.000
3	Personal Computing: Laptop Computers (Central Processing unit with input and output devices)	ITEW3	180.000
4	Personal Computing: Notebook Computers	ITEW4	100.000
5	Personal Computing: Notepad Computers	ITEW5	60.000
6	Printers including cartridges	ITEW6	84.000
7	Copying Equipment	ITEW7	40.000
8	Electrical and Electronic Typewriters	ITEW8	1.000
9	User terminal and Systems	ITEW9	12.000
10	Cordless telephones	ITEW14	2.000
11	Telex	ITEW11	1.000
12	Telephones	ITEW12	12.000
13	Pay telephones	ITEW13	1.000
14	Cordless telephones	ITEW14	12.000
15	Cellular telephones Feature Phones	ITEW15	12.000
16	Cellular telephones Smart Phones	ITEW15	12.000
17	Answering System	ITEW16	1.000
18	Products and or equipment of transmitting sound, images and or other information by telecommunications	ITEW17	1.000
19	BTS (all components excluding structure of tower)	ITEW18	30.000
20	Tablets, I-PAD	ITEW19	12.000
21	Phablets	ITEW20	12.000
22	Scanners	ITEW21	12.000

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23	Routers	ITEW22	12.000
24	GPS	ITEW23	12.000
25	UPS	ITEW24	12.000
26	Inverter	ITEW25	12.000
27	Modems	ITEW26	12.000
28	Electronic data storage devices	ITEW27	12.000
29	Television sets (including sets based on Liquid Crystal Display and light Emitting Diode Technology)	CEEW1	1.000
30	Refrigerator	CEEW2	1.000
31	Washing Machine	CEEW3	1.000
32	Air- Conditioners excluding centralised air conditioning plants	CEEW4	1.000
33	Fluorescent and other Mercury containing lamps	CEEW5	1.000
34	Screen, Electronic Photo frames, Electronic Display Panel, Monitors	CEEW6	1.000
35	Radio sets	CEEW7	1.000
37	Set top Boxes	CEEW8	1.000
38	Video Cameras	CEEW9	1.000
39	Video Recorders	CEEW10	1.000
40	Hi-Fi Recorders	CEEW11	1.000
41	Audio Amplifiers	CEEW12	1.000
42	Other products or equipment for the purpose of recording or reproducing sound or images including signals and other technologies for the distribution of sound and image by telecommunications	CEEW13	1.000
43	Solar panels/cells, solar Photovoltaic panels/cells/modules.	CEEW14	1.000
44	Luminaires for fluorescent lamps with the exception of luminaires in households	CEEW15	1.000
45	High intensity discharge lamps, including pressure sodium lamps and metal halide lamps	CEEW16	0.000
46	Low pressure sodium lamps	CEEW17	0.000
47	Other lighting or equipment for the purpose of spreading or controlling light excluding filament bulbs	CEEW18	0.000
48	Digital camera	CEEW19	1.000
49	Large cooling appliances	LSEEW1	1.000
50	Freezers	LSEEW2	1.000
51	Other large appliances used for refrigeration, conservation and storage of food	LSEEW3	1.000
52	Clothes dryers	LSEEW4	1.000
53	Dish Washing Machines	LSEEW5	1.000
54	Electric cookers	LSEEW6	1.000

55	Electric stoves	LSEEW7	1.000
56	Electric hot plates	LSEEW8	1.000
57	Microwaves, Microwave Oven	LSEEW9	1.000
58	Other large appliances used for cooking and other processing of food	LSEEW10	1.000
59	Electric heating appliances	LSEEW11	1.000
60	Electric radiators	LSEEW12	1.000
61	Other large appliances for heating rooms, beds, seating furniture	LSEEW13	1.000
62	Electric fans	LSEEW14	1.000
63	Other fanning, exhaust ventilation and conditioning equipment	LSEEW15	1.000
64	Vacuum cleaners	LSEEW16	1.000
65	Carpet sweepers	LSEEW17	1.000
66	Other appliances for cleaning	LSEEW18	1.000
67	Appliances used for sewing, knitting, weaving and other processing for textiles	LSEEW19	1.000
68	Iron and other appliances for ironing, mangling and other care of clothing	LSEEW20	1.000
69	Grinders, coffee machines and equipment for opening or sealing containers or packages	LSEEW21	1.000
70	Smoke detector	LSEEW22	1.000
71	Heating Regulators	LSEEW23	1.000
72	Thermostats	LSEEW24	1.000
73	Automatic dispensers for hot drinks	LSEEW25	1.000
74	Automatic dispensers for hot or cold bottles or cans	LSEEW26	1.000
75	Automatic dispensers for solid products	LSEEW27	1.000
76	Automatic dispensers for money	LSEEW28	1.000
77	All appliances which deliver automatically all kinds of products	LSEEW29	1.000
78	Indoor air purifier	LSEEW30	1.000
79	Hair dryer	LSEEW31	1.000
80	Electric shaver	LSEEW32	1.000
81	Electric kettle	LSEEW33	1.000
82	Electronic display panels/board/visual display unit	LSEEW34	1.000
83	Equipment having electrical and electronic components	LIW2	1.000
Total			1320


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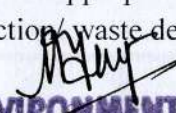
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ii. E-waste refurbishment of capacity 600 TPA

S l . N o	Categories of electrical and electronic equipment	Electrical and electronic equipment code	Quantity (TPA)
Information technology and telecommunication equipment:			
1.	Centralized data processing: Mainframes, Minicomputers	ITEW1	60
2.	Personal Computing: Personal Computers (Central Processing unit with input and output devices)	ITEW2	288
3.	Personal Computing: Laptop Computers (Central Processing unit with input and output devices)	ITEW3	96
4.	Personal Computing: Notebook Computers	ITEW4	48
5.	Personal Computing: Notepad Computers	ITEW5	48
6.	Printers including cartridges	ITEW6	24
7.	Copying Equipment	ITEW7	12
8.	Cellular telephones Smart Phones	ITEW15	12
9.	Tablets, I-PAD	ITEW19	12
Total			600.00

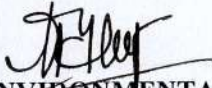
2. Recycling and refurbishing section shall be carried out in separate area and the same area shall be earmarked and fixed.
3. The applicant shall have the adequate capacity of plant and machineries to recycle e-waste quantity mentioned in the consent order.
4. The applicant shall dispose the residue generated from E-waste recycling activity to authorized TSDF and proper record shall be maintained and prescribed procedure for the same shall be followed.
5. The applicant shall maintain records separately on E-waste received for recycling activity and refurbishing activity.
6. A recycler should have weigh bridge and other appropriate weighing equipment for weighing each delivery received by it and production/waste delivers and maintain a record in this regard.


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7. The unloading of e-waste/end of life products should be carried out in such a way that there should not be any damage to health, environment and to the product itself. Unloading of Cathode Ray Tubes (CRT), LCD / LED / Plasma TV, refrigerator, air conditioners and fluorescent and other mercury containing lamps should be carried out under supervision in such a way to avoid breakage.
8. A recycler should have facilities for destroying or permanently deleting data stored in the memory of end of life products (Hard Disk, Telephones, Mobile phones) either through hammering or through data eraser.
9. The workers involved in recycling operation should have appropriate equipment such as screwdrivers, wrenches, pliers, wire cutters, tongs and hammers etc. for dismantling the e-waste.
10. During recycling operations, the workers should use proper personal protective equipment such as goggles, masks, gloves, helmet and gumboot etc.
11. A recycling facility shall install adequate pretreatment facilities for process wastewater and for generation of waste water from air pollution control equipment (off gas treatment, wet/alkaline/packed bed scrubber and carbon filters) depending on type of operations undertaken.
12. De dusting equipment such as suction hood shall be installed where manual dismantling is proposed.
13. Fume hoods connected with wet (chemical) scrubbers and carbon filters shall be installed for the control of fugitive emissions from furnaces or reactor.
15. Noise control arrangement for equipment like crusher, grinder and shredder needs to be Provided.
16. The applicant shall dispose the residue generated from E-waste dismantling/ refurbishing activity to authorized TSDF and proper record shall be maintained and prescribed procedure for the same shall be followed.
17. The applicant shall maintain records on E-waste receive for refurbishing activity and details of un refurbished E-waste.
18. For fluorescent and other mercury containing lamp recycling, the unit shall have following systems:
 - i. Mechanical feeding system.
 - ii. Mercury spill collection system.
 - iii. Lamp Crushing System, under vacuum, for separation of mercury-contaminated phosphorus powder & mercury vapors from other crushed components, so as not to cause release of any pollutant, including mercury vapor.
 - iv. System for segregation of mercury vapour from the phosphorus powder through a distillation system for separation & recovery of mercury.
 - v. Air pollution control system (APCS) which shall include HEPA (High Efficiency Particulate Arrestor) filter system or activated carbon filter system or any other equivalent efficient system for separation/ removal of mercury vapor from mercury contaminated phosphorus powder.
 - vi. Arrangement for storage of mercury contaminated filter pads in scientific way till disposal of the same to TSDF.

- vii. On line mercury monitoring system, to have check on emission of mercury, which has to be in compliance to the consented norms.
19. The fluorescent and other mercury containing lamp recycling unit shall have following obligations and comply with emission standards.
- The emission outlet shall comply with the norms for mercury prescribed in the consent document. The norm for mercury emission is 0.2 mg/m³ (Normal) as prescribed under E (P) Act, 1986 for mercury emission from other category of industries.
 - For discharge of effluent the limit for mercury as (Hg) should be less than equal to 0.01mg /liter as prescribed under E (P) Act, 1986. (iii) The unit shall have trained / skilled manpower to handle hazardous substances such as mercury mixed phosphor in respect of treatment/recycling.
20. The applicant shall submit half yearly consent compliance status to the Board.
21. The Applicant shall follow the Rules and Guidelines as per the E-Waste (Management) Rules, 2022.
22. The applicant shall comply all the conditions stipulated in the EPR Registration issued by CPCB.
24. The applicant shall submit details of e-waste procured, processed and product sold quantity to the Board.
25. In case the applicant is found recycling or reprocessing any other waste other than that which is authorized then this CFO issued is **deemed to be withdrawn**.
26. Applicant shall adopt Mission LiFE – Lifestyle for Environment. For details refer to website <https://moef.gov.in/en/life-lifestyle>.
27. The applicant is liable to take e-waste from any Special Economic Zone (SEZ) / Export Oriented Unit zone (EOU), Free Trade warehousing zones (FTWZs).
28. Applicant shall take separate registration under Sub Rule 4 (1) of E-waste (Management) Rules, 2022 in CPCB EPR Portal for the activities carried out by the unit.
29. Applicant shall not carry out any business activity without registration under Sub Rule 4 (1) of E-waste (Management) Rules, 2022 in CPCB EPR Portal.
30. Applicant shall not deal with any unregistered manufactures, producers, recyclers and refurbishers in CPCB EPR Portal.
31. Applicant shall be liable for penal action as per the provisions in case of furnishing false information or wilfully conceals information for obtaining consent and/ or Registration or filling returns or report required to be provided under the Rules or in case of any irregularity.
32. Applicant shall submit annual and quarterly returns in the laid down form on the Portal on or before the end of the month succeeding the quarter or year, as the case may be, to which the return relates.
33. Applicant shall collect e-waste generated during the process of refurbishing and hand over the waste to registered recyclers and upload information on the Portal (Refurbisher).
34. Applicant shall ensure that the refurbished equipment shall be as per **Compulsory Registration Scheme (CRS)** of Ministry of Electronics and Information Technology and Standards of **Bureau of Indian Standards (BIS)** framed for this purpose.
35. Applicant shall ensure that the facility and the recycling processes are in accordance with the standards or Guidelines laid down by CPCB in this regards for time to time.
36. Applicant shall have to ensure that the fractions or material not recycled in its facility is sent to the respective registered recyclers.
37. Applicant shall ensure that residue generated during recycling process is disposed of in an


- authorized treatment disposal facility.
38. Applicant shall maintain records of Maintain record of e-waste collected, dismantled, recycled and sent to registered recycler on the portal and make available all records for verification or audit as and when required.
 39. Applicant may store the E-waste for a period not exceeding 180 days and shall maintain a record of sale, transfer and storage of e-wastes and make these records available for inspection and the storage of the e-waste shall be done as per the applicable rules or guidelines. Provided that the Central Pollution Control Board may extend the said period up to 365 days in case the e-waste needs to be specifically stored for development of a process for its recycling or reuse.
 40. Applicant shall liable for penal action for furnishing false information resulting in over generation of extended producer responsibility (EPR) certificates by recycler shall result in revocation of registration and imposition of environmental compensation which shall not be returnable and repeat offence, violation of these rules for three times or more shall also result in permanent revocation of registration over and above the environmental compensation charges.


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ANNEXURE – II

Chimney No.	Chimney Attached to	Minimum Chimney Height to be Provided above roof level (in Mts)	Constituents to be controlled in the emission.	Tolerance limits Mg/Nm ³	Air Pollution Control equipment to be installed, in addition to Chimney height as per Col ((4)	Date of which air pollution control equipment shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights
1.	De Soldering Section	3.0	PM	150	With chimney with Bag filters	At all times
2.	De gassing section	3.0	PM	150	With Scrubber	At all times
3.	De dusting section	3.0	PM	150	With Bag filter	At all times
4.	Hydro metallurgical Process (Chemical process to recover the metals)-Leaching section	3.0	PM	150	With Scrubber	At all times
5.	Induction Melting Furnace- Electrically operated	3.0	PM	150	Bag filter	At all times
6.	Air purification section- shredding section	3.0	PM	150	Filter with Closed system	At all times
7.	Plastic pulveriser	-	PM	150	Bag filter with closed system	At all times
8.	DG Set of capacity 250 KVA	5.0	SO ₂	—	With Acoustic enclosures	At all times



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9.	Shredding machine	_____	_____	_____	Closed section	At all times
10.	De-inking/ Cartridge cleaning	_____	_____	_____	Closed section	At all times



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