

**SUPPLY INSTALLATION TESTING AND COMMISSIONING (SITC) OF ENHANCE PANTRY
EQUIPMENTS FOR RETRO FITMENT IN LHB AC BUFFET COACH.**

Supply Installation testing and commissioning of Enhance pantry equipments along with Cables, Conduits Accessories and Electrical items in Existing LHB AC Hot Buffet Coach for retro fitment of Enhanced pantry equipment is as follows:

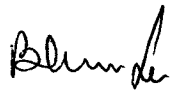
A). MATERIAL REQUIRED FOR MODIFICATIONS:

Part-1 : Enhanced capacity Pantry Equipments (as per spec. No. EDTS-446, Rev-Nil, Am-1): QTY: 01 set)

S. No.	Item Description	Ref. Drawing No.	Qty.
1.	Work Table with Hot Under-storage	LH72254	2
2.	Induction Hot Plate (with one Hot plate)	LH72256	1
3.	Induction Hot Plate (with two Hot plates)	LH72257	1
4.	Wall Shelf	LH72261	1
5.	Brat Pan	LH72262	1
6.	Deep Fryer	LH72268	2
7.	Microwave Oven	LG/Samsung/IFB	1
8.	Combi Oven	Rational SCC101 E	1
9.	Water softener for Combi Oven	----	1
10.	Structure for Chimney mounting	SKED-1002	3
11.	Structure for Water softener mounting	SKED-1003	1

Part-2 : Set of Electrical items:

S.No.	Item Description	Drawing No./ Part No.	Manufacturer/ Supplier	Quantity
1.	MCCB, 4P, 80A, 415V AC	EZC100N4080	SCHNEIDER or ABB/ SIEMENS/ L&T	2
2.	RCBO, 4P, 40A Combi Oven	AUF3C404003	L&T or ABB/ SCHNEIDER/ SIEMENS	1
3.	RCBO, 4P, 32A Bart Pan	AUF3C403203	L&T or ABB/ SCHNEIDER/ SIEMENS	1
4.	RCBO, 4P, 10A Induction Hot Plate	AUF3C401003	L&T or ABB/ SCHNEIDER/ SIEMENS	3
5.	RCBO, 2P, 25A Deep Fryer	AUF3C202503	L&T or ABB/ SCHNEIDER/ SIEMENS	2
6.	RCBO, 2P, 6A Hot Under Storage	AUF3C200603	L&T or ABB/ SCHNEIDER/ SIEMENS	2
7.	Distribution Board-1 (16way, 2 Row)	DR32S of M/s HAGER	M/s HAGER/LEGRAND/HAVELLS or equivalent make	1

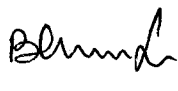
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8.	Distribution Board-2 (16way, 2 Row)	DR32S of M/s HAGER	M/s Hager/Legrand/Havells or equivalent make	1
9.	3-Conductor Through Terminal Block 16mm ² (Qty: 8-nos.)	283-671	M/s Wago/ Phoenix or equivalent appvd. make	1 Set
	3-Conductor Ground Terminal Block 16 mm ² (Qty: 2-nos.)	283-667		
	End and intermediate plate (Qty: 3-nos.)	283-350		
	2-Conductor Ground Terminal Block 16 mm ² (Qty: 6-nos.)	283-907		
	End and intermediate plate (Qty: 2-nos.)	283-325		
	Adjacent Jumper (Qty: 4-nos.)	283-422		
	End stop (Qty: 4 Nos.)	249-117		
	Din Rail (L=300mm, Qty: 01 no.)	210-112		
10.	Ferrules cable marker suitable for cable size 6-16mm ²	HX-SCE-1K- 9.5-50-4	Tyco/Phoenix or equivalent appvd. make	72
11.	Ferrules cable marker suitable for cable size 1.5- 2.5mm ²	HX-SCE-1K- 3.2-50-4	Tyco/Phoenix or equivalent appvd. make	42

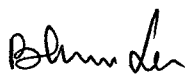
Part-3 : Set of Cables & Conduit Accessories:

S.No.	Item Description	Drawing/specification no.	QPC
1.	16mm ² (RED) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	40 Mtrs.
2.	16mm ² (YELLOW) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	40 Mtrs.

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3.	16mm ² (BLUE) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	40 Mtrs.
4.	16mm ² (BLACK) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	40 Mtrs.
5.	16mm ² (GNYE) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	40 Mtrs.
6.	10mm ² (RED) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
7.	10mm ² (YELLOW) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
8.	10 mm ² (BLUE) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
9.	10 mm ² (BLACK) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
10.	10mm ² (GNYE) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
11.	6mm ² (BLUE) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
12.	6mm ² (BLACK) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
13.	6mm ² (GNYE) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
14.	2.5mm ² (RED) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
15.	2.5mm ² (YELLOW) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
16.	2.5mm ² (BLUE) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
17.	2.5mm ² (BLACK) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
18.	2.5mm ² (GNYE) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
19.	1.5mm ² (YELLOW) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
20.	1.5mm ² (BLACK) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.
21.	1.5mm ² (GNYE) Thin Walled Flex. Elast. Cable with Cu. Cond, Up to 750V	ELRS/SPEC/ELC/0019 (Latest Revision)	15 Mtrs.

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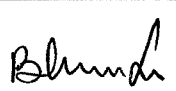
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22.	Polyamide Flexible Conduit NW29, ANNEX-A, TAB-A-1, ITEM-5	RDSO/PE/SPEC/AC/0138-2009 (Rev-1)	2 Mtrs.
23.	Polyamide Flexible Conduit NW23, ANNEX-A, TAB-A-1, ITEM-4	RDSO/PE/SPEC/AC/0138-2009 (Rev-1)	5 Mtrs.
24.	Polyamide Flexible Conduit NW17, ANNEX-A, TAB-A-1, ITEM-3	RDSO/PE/SPEC/AC/0138-2009 (Rev-1)	7 Mtrs.
25.	End Fitting PG29, ANNEX-A, TAB-A-2, ITEM-6	RDSO/PE/SPEC/AC/0138-2009 (Rev-1)	2 Nos.
26.	End Fitting PG21, ANNEX-A, TAB-A-2, ITEM-5	RDSO/PE/SPEC/AC/0138-2009 (Rev-1)	2 Nos.
27.	End Fitting PG16, ANNEX-A, TAB-A-2, ITEM-3	RDSO/PE/SPEC/AC/0138-2009 (Rev-1)	7 Nos.
28.	Hex. Lock Nut PG29, ANNEX-A, TAB-A-10, ITEM-6	RDSO/PE/SPEC/AC/0138-2009 (Rev-1)	2 Nos.
29.	Hex. Lock Nut PG21, ANNEX-A, TAB-A-10, ITEM-5	RDSO/PE/SPEC/AC/0138-2009 (Rev-1)	2 Nos.
30.	Hex. Lock Nut PG16, ANNEX-A, TAB-A-10, ITEM-4	RDSO/PE/SPEC/AC/0138-2009 (Rev-1)	7 Nos.
31.	Hot Dip Galvanized Steel Electrical Metallic Tubing 1" (3 Mtr. Length)	IS:9537-83, Part-2	7 Nos.
32.	Clamp 2XØ40mm	LP76001, Alt-Item-12	10 Nos.
33.	Clamp, 2XØ25mm	LP76001, Alt-C, Item-10	6 Nos.
34.	Clamp, 3XØ25mm	LP76001, Alt-Item-17	6 Nos.
35.	Pan Head Tapping Screw 4.2X19-F Stainless steel	IS:7173-1989	20 Nos.
36.	Crimping Sockets	As per requirement	01 set

Note:

Supply, Installation, Testing and Commissioning of Enhance capacity pantry equipments and electrical items mentioned above at Part-1, Part-2 & Part-3 alongwith Modifications required in SBC will be in firms scope and shall be carried out as per CAI No. RCF/ED/CAI/041 Dated 09.04.2025

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