

FOOD SERVICES				DATE-24-11-2023											
BOQ FOR 3RD WAVE COFFEE & WRAPAFELLA, LUCKNOW- QSR FORMAT															
SR. NO.	WBS LEVEL 2	SHORT ITEM DESCRIPTION	LONG ITEM DESCRIPTION	DIMENSIONS	UOM	QTY.	Location	Length	Breath	Height	Nos	RA Qty	UOM	Sign	
1	Chemical Waterproofing	MAIN floor	P&A Waterproofing on mother slabs/ granite & wall till 1000mm height, with 4 coats of chemical (Zypex or Equivalent chemical to be used) treatment on the mother slab, before doing the treatment mother slab needs to clean properly up to the mark & dust free surface needs to achieve to apply the chemical (proof bond /BASF, Dr. Fixit / Equivalent make) & chemical needs to dry properly, After all there should be a water pond testing to be done for water tightness & rectifications of defects if any. Complete with 10 years performance guarantee with client's satisfaction. Entire process to be done under guideline & supervision of appointed engineering team.	N.A	Sqft	1200	Raised Floor area	34.88	9.5			331.36	Sqft		
2	False Flooring	Base platform to run the services	Providing and supplying fixing false flooring with steel frame height upto FFH-150mm - 200mm.of grid size 600mm x 600mm to hold cement board sheet (excluding) and tile including all hardware fixture corner caps, verticals to fix the skirting, welding work, loading/ unloading, cutting, chamfering, rounding, required hardware, adhesives all including as per PMC/ Architect approval.		Sqft	600	Raised Floor area						sqft		
							Floor	36.10	10.88			392.77	Sqft		
							Back wall ✓	34.88	9.5			331.36	sqft		
												Total	724.13	sqft	
												BOQ Qty	600.00		
												Extra Qty	124.13		
3	Cement/ bison board	Cement/ bison board on top of false flooring platform	Providing and fixing of 25-30mm cement/ bison board sheet on top of steel platform to receive heavy duty tiles. Rate to include, cutting, cleaning of joints, finishing junction, skirting backing, adhesive, hardware Complete in all aspect as per as per PMC/ Architect approval.		Sqft	600									
							Floor	36.10	10.88			392.77	✓		
							Wall Front	34.88	9.5			331.36			
												TOTAL	724.13	SQFT	
												BOQ QTY	600.00		
												Extra Qty	124.13		
4	VITRIFIED TILES Flooring	Heavy duty tiles on top of bison board	Providing & Laying pre-polished 1st quality full body heavy duty 10-15mm VITRIFIED TILES (water absorption less than 0.08%; conforming to IS 15622) flooring of any size, laid to pattern & design, with paper thin joint, set over cement mortar in 1 : 4 proportion & mortar bedding with thick grey cement slurry complete with filling up of the joints in colour pigments etc. All complete as per instructions & satisfaction of Architect / Client. The rate shall be including laying of 12mm thk P.O.P. on floor to protect the floor tiles by using 6 micron single PVC sheet. Cost to Include 3 x 10mm Stain free epoxy grout of Bal / Laticrete make, Kajaria / Somany / Johnson make	Tile size - 600x 300mm	Sqft	600		36.1	10.88			392.768	SQFT	✓	
4		Wooden pvc tile in dining area	Providing & Fixing 6-8 mm thk. click & lock wooden finished pvc tiles interlocking at joints without grouts with pvc/ ss band to keep the flooring intact in place.	Tile size - 225x 1220mm	Sqft	1000	Ordered and kept at offsite					1000	SQFT		

08/07/24

Quantity order as per PO Quantity need photo

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												EXTRA QTY	17.60		
9	Existing column Ply Boxing	12mm thk plywood boxing to hide existing MS column	Providing, making and fixing of 12mm thk plywood boxing to be finished with approved veneer on both side with PU polish cost including grooved/ pattern as per approved design, approved make adhesive and fasteners, cutting/ chamfering/ groove/rounding wherever required, at all height with lead and lift, finishing, cleaning as per design and drawing etc. all complete.		Sq ft	380		3	3.5	3		31.5	sqft	✓	
10	Wall/ partition tile dry cladding	handmade subway Tiles Size 100 x 200 WRAPAFELLA	Providing and fixing handmade subway Tiles dry Cladding / Dado as per approved shade, size and pattern on dry partition as per specific pattern as approved by PMC/ architect. the cost include required chemical/ adhesive, epoxy grouted with app. shade (Sal Grout), Tile cutting, cleaning of joints, finishing junction of plaster, curing etc. Complete and as per drawing.	Tile size - 100 x 200mm	Sqft	60		16.20	5.5			89.10	sqft	✓	
												BOQ QTY	60.00		
													EXTRA QTY	29.10	
		handmade subway Tiles Size 100 x 200 3RD WAVE COFFEE	Providing and fixing handmade subway Tiles dry Cladding / Dado as per approved shade, size and pattern on dry partition as per specific pattern as approved by PMC/ architect. the cost include required chemical/ adhesive, epoxy grouted with app. shade (Sal Grout), Tile cutting, cleaning of joints, finishing junction of plaster, curing etc. Complete and as per drawing.	Tile size - 100 x 200mm	Sqft	60		14	5.5			77	sqft	✓	
												BOQ QTY	60		
												EXTRA QTY	17		
11	Sada/ basic tile dry cladding	Sada/ basic tile dry cladding behind the counter/ inside/ BOH area	Providing and fixing 600 x 600mm sada/ basic Tiles dry Cladding / Dado as per approved shade, size and pattern on dry partition as per specific pattern as approved by PMC/ architect. the cost include required chemical/ adhesive, epoxy grouted with app. shade (Sal Grout), Tile cutting, cleaning of joints, finishing junction of plaster, curing etc. Complete and as per drawing.	Tile size - 600 x 600mm	Sqft	120		7.35	4.60			33.81	sqft	✓	
12	Fluted veneer paneling	12mm thk fluted veneer panelling on plywood	Providing, making and fixing of 12mm thk fluted veneer paneling on existing plywood finished with PU polish include all necessary required framing. the cost including grooved/ pattern as per approved design, approved make adhesive and fasteners, cutting/ chamfering/ groove/rounding wherever required, at all height with lead and lift, finishing, cleaning as per design and drawing etc. all complete.		Sq ft	380									
							Wrapafella back	16.2	4			64.8	sqft	✓	
							TWC Back	14	4			56	sqft	✓	
							front	52.86	3.6			189.576	sqft		
								57	Total			310.376	sqft		

Divesh Tsibathi
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13	Tv Boxing	Plywood boxing for Led TV	Providing, making and fixing of 150mm deep plywood boxing with 18mm thk plywood having 25mm x 25 mm aluminium framework @ 600mm c/c in vertical and horizontal direction with all necessary required framing. the boxing to be finished with approved veneer on all visible side with PU polish. cost including grooved/ pattern as per approved design, approved make adhesive and fasteners, cutting/ chamfering/ groove/rounding wherever required, at all height with lead and lift, finishing, cleaning as per design and drawing etc. all complete.	2400mm L X 300mm H X 150mm D & 1750mm L X 300mmH X 150mmD	Sq ft	30			2	2		32.00	sqft	✓
												BOQ QTY	30.00	
												EXTRA QTY	2.00	
13	SS decorating Railing	Steel railing with SS laser cut sheet and toughned glass	Providing, making and fixing of railing made of 25 x 50mm MS PVD coated box section main vertical and horizontal support at every 800mm c/c interval having top handrail with similar section fixed on floor/ self supporting structure. the railing to have 2-3mm thk SS LASER cut sheet in specific pattern & PVD coated and fixed on the main member. all the vertical member should have 12mm thk toughned glass inbetween including patch fitting. all the metal member to be finished in approved champaion pvd coating. rate including all necessary required groove, framing, hardware, approved make adhesive and fasteners, cutting/ chamfering/ groove/rounding wherever required, at all height with lead and lift, finishing, cleaning as per design and drawing etc all complete.	1000mm height	RFT	115				94		94	Rft	✓
14	Glass partition/ screen	Fluted glass partition having MS framework	Providing, making and fixing of fluted glass partition of 20 x 50 MS box section main vertical and horizontal support as per design fixed on floor/ self supporting structure. the railing to have 6mm thk fluted glass in specific pattern and fixed on the main member with 10-15mm bidding patti including patch fitting. All the metal member to be finished in approved Black PVD coating. Rate including all necessary required groove, framing, hardware, approved make adhesive and fasteners, cutting/ chamfering/ groove/rounding wherever required, at all height with lead and lift, finishing, cleaning as per design and drawing etc all complete.	2800L x 3000mm H	Sq ft	95		9.50	10			95.00	sqft	✓
15	Low height Plywood partition	75mm thk plywood low height partition near railing of 3RD WAVE COFFEE	Providing, making and fixing of 12mm thk plywood partition having 25mm x 40mm aluminium framework @ 600mm c/c in vertical and horizontal direction with all necessary required framing. plywood partition to be finished with approved veneer on both side with PU polish cost including grooved/ pattern as per approved design, approved make adhesive and fasteners, cutting/ chamfering/ groove/rounding wherever required, at all height with lead and lift, finishing, cleaning as per design and drawing etc. all complete.		Sq ft	25								
								4	3.28			13.12		
								4	3.28			13.12		
								Total				26.24	SQFT	✗
								BOQ QTY				25		
								EXTRA QTY				1.24		

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BOQ FOR 3RD WAVE COFFEE & WRAPAFELLA, LUCKNOW- QSR FORMAT														
SR. NO.	WBS LEVEL 2	SHORT ITEM DESCRIPTION	LONG ITEM DESCRIPTION	DIMENSIONS	UOM	QTY.	Location	Length	Breath	Height	Nos	RA Qty	UOM	Sign
		75mm thk plywood low height partition near railing of WRAPAFELLA	Providing, making and fixing of 12mm thk plywood partition having 25mm x 40mm aluminium framework @ 600mm c/c in vertical and horizontal direction with all necessary required framing. plywood partition to be finished with approved 12mm corian on both side. cost including grooved/ pattern as per approved design, approved make adhesive and fasteners, cutting/ chamfering/ groove/rounding wherever required, at all height with lead and lift, finishing, cleaning as per design and drawing etc. all complete.		Sq ft	25								
								4.00	3.28			13.12		
								4.00	3.28			13.12		X
								Total				26.24	SQFT	
								BOQ QTY				25.00		
								EXTRA QTY				1.24		
16	Back counter	750mm deep back counter unit madeup of plywood and veneer for 3RD WAVE COFFEE	Providing and fixing of 750mm deep back service unit/ platform to be made of 18 thk marine plywood, having 12mm thk corian top finished and 150mm high Veneer back splash including all nessasry vertical supports. The storages under the platforms should be provided with a horizontal shelf and openable shutters made out of 20mm thk. plywood and outer side to be finished in veneer and inter side finished in 1mm thk. laminate. the unit tot have 150mm SS skirting all around. The shutters to be provided with fittings such as hinges; handles; ball catch etc. complete in all respect as per design and details. cost to include counter cutting to fit the double sink unit and repairing cleaning and finishing of the area.	5065mm L X 1100mm H X 750mm D	RFT	13		12-8 15				12-8 15	Rft	
								BOQ QTY				13		
								EXTRA QTY				2		
17	Back counter	750mm deep back unit (EP/DB/UPD) madeup of plywood and veneer for 3RD WAVE COFFEE	Providing and fixing of 750mm deep back storages to be made of 18mm thk. marine plywood with a horizontal shelf and openable shutters. plywood and outer side to be finished in veneer and inter side finished in 1mm thk. laminate. the unit tot have 150mm SS skirting all around. The shutters to be provided with fittings such as hinges; handles; ball catch etc. complete in all respect as per design and details.	1400MM L X 2685MM H X 750MM D	NOS.	1						1	Nos	✓
	Back counter	750mm deep back counter unit madeup of plywood and veneer for WRAPAFELLA	Providing and fixing of 750mm deep back service unit/ platform to be made of 18 thk marine plywood, having 12mm thk corian top finished and 150mm high veneer finished back splash including all nessasry vertical supoorts. The storages under the platforms should be provided with a horizontal shelf and openable shutters made out of 18mm thk. plywood and outer side to be finished in veneer and inter side finished in 1mm thk. laminate. the unit tot have 100mm SS skirting all around. The shutters to be provided with fittings such as hinges; handles; ball catch etc. complete in all respect as per design and details. cost to include counter cutting to fit the double sink unit and repairing cleaning and finishing of the area.	4290L X 1100MM H X 750MM D	RFT	15		14-8 16.5				148 16.5	Rft	

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SR. NO.	WBS LEVEL/2	SHORT ITEM DESCRIPTION	LONG ITEM DESCRIPTION	DIMENSIONS	UOM	QTY.	Location	Length	Breath	Height	Nos	RA Qty	UOM	Sign	
												BOQ QTY	15		
												EXTRA QTY	1.5		
17	Front counter of 3RD WAVE COFFEE	950mm deep counter unit made up of plywood and fluted veneer and corian top	Providing and fixing of 950mm deep service unit/ platform to be made of 18 thk marine plywood, having 12mm thk corian top finished and front apron to be finished with 12mm thk fluted veneer finished with green colored polish from outside (customer visible side) and having 150mm high pvd coated SS skirting including all nessasry vertical supoorts. The storages under the platforms should be provided with a horizontal shelf and openable shutters made out of 18mm thk. plywood and outer side to be finished in veneer and inter side finished in 1mm thk. laminate. the unit tot have 150mm SS skirting all around. The shutters to be provided with fittings such as hinges; handles; ball catch etc. complete in all respect as per design and details. cost to include counter cutting to fit the double sink unit and repairing cleaning and finishing of the area.	5065mm L X 1100mm H X 950mm D	RFT	10		10 22.00				22	Rft		
												BOQ QTY	10		
												EXTRA QTY	12		
		600mm deep counter unit made up of plywood, corian and veneer with corion top	Providing and fixing of 600mm deep back service unit/ platform to be made of 18 thk marine plywood, having 12mm thk corian top finished front apron to be finished with 12mm thk fluted veneer finished with green colored polish and corian from outside (customer visible side)) and having 150mm high pvd coated SS skirting side including all nessasry vertical supoorts. The storages under the platforms should be provided with a horizontal shelf and openable shutters made out of 18mm thk. plywood and outer side to be finished in veneer and inter side finished in 1mm thk. laminate. the unit tot have 150mm SS skirting all around. The shutters to be provided with fittings such as hinges; handles; ball catch etc. complete in all respect as per design and details. cost to include counter cutting to fit the double sink unit and repairing cleaning and finishing of the area.	2800L X 1100MM H X 600 MM DEEP	RFT	9		9							
18	Wicket Door	Making of 75mm thk low height wicket door	Providing and fixing 750mm X 1100 mm x 75mm thk wicket door made of 18 thk fire retardent plywood and finished with corian on top and front to be finished with fluted veneer and finished with green colored polish and back to be finished with laminate. All complete including necessary hardwares, heavy duty spring hinges, handles, locks etc.	750L X 1100MM H	no	1					1	1	no	✓	

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SR. NO.	WBS LEVEL 2	SHORT ITEM DESCRIPTION	LONG ITEM DESCRIPTION	DIMENSIONS	UOM	QTY.	Location	Length	Breath	Height	Nos	RA Qty	UOM	Sign
19	Front counter of Wrapafella	900mm deep counter unit madeup of plywood and fluted veneer and corion top	Providing and fixing of 900mm deep service unit/ platform to be made of 18 thk marine plywood, having 12mm thk corian top finished and front apron to be finished with 12mm thk fluted veneer finished with melamine polish from outside (customer visible side) and having 150mm high pvd coated SS skirting including all nessasry vertical supports. The storages under the platforms should be provided with a horizontal shelf and openable shutters made out of 18mm thk. plywood and outer side to be finished in veneer and inter side finished in 1mm thk. laminate. the unit tot have 100mm SS skirting all around. The shutters to be provided with fittings such as hinges; handles; ball catch etc. complete in all respect as per design and details. cost to include counter cutting to fit the double sink unit and repairing cleaning and finishing of the area.	4290mm L X 1100mm H X 950mm D	RFT	14								
		600mm deep counter unit madeup of plywood and fluted veneer and corion top	Providing and fixing of 600mm deep back service unit/ platform to be made of 18 thk marine plywood, having 12mm thk corian top finished front apron to be finished with 12mm thk MDF finished with PU paint from outside (customer visible side) and having 150mm high pvd coated SS skirting including all nessasry vertical supports. The storages under the platforms should be provided with a horizontal shelf and openable shutters made out of 18mm thk. plywood and outer side to be finished in veneer and inter side finished in 1mm thk. laminate. the unit tot have 100mm SS skirting all around. The shutters to be provided with fittings such as hinges; handles; ball catch etc. complete in all respect as per design and details. cost to include counter cutting to fit the double sink unit and repairing cleaning and finishing of the area.	2800L X 1100MM H X 600 MM D	RFT	9		19.90				19.9	Rft	
												9		
												10.9		
20	Wicket Door	Making of 75mm thk low height wicket door	Providing and fixing 750mm X 1100 mm x 75mm thk wicket door made of 18 thk fire retardent plywood and finished with corian on top and front to be finished with fluted veneer and finished with melamine polish and back to be finished with laminate. All complete including necessary hardwares, heavy duty spring hinges, handles, locks etc.	750mm L X 1100mm H	no	1					1	1	No	
21	Foot rail/ guard rail	SS Guard rail for counters	Providing and fixing of 25mm Dia SS pipe Foot rest/ rail guard finished with brass antique brushed coating to be fix on floor with required vertical support as per drawing. Rate including all nessasry hardware fixture, adhesive, cutting, chamfing, rounding, end cape all complete in all respect.		RFT	60								
	over head Sheleving box of 3RD WAVE COFFEE	250mm Deep plywood planter box	Providing and fixing of 300mm deep overhead box made out 18mm thk. marine plywood with a horizontal shelf finished to	480mm L x 425mm H x 300mm D	no.	1								

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SR. NO.	WBS LEVEL 2	SHORT ITEM DESCRIPTION	LONG ITEM DESCRIPTION	DIMENSIONS	UOM	QTY.	Location	Length	Breath	Height	Nos	RA Qty	UOM	Sign
23	Plywood planter box	250mm Deep plywood planter box	Providing, making and fixing of 200mm deep boxes made out of 20 x 20mm MS box section main support having 250mm deep 12mm thk plywood box finished with approved veneer and PU polish. All the metal member to be finished in approved champaion pvd coating. rate including all necessary required groove, framing, hardware, approved make adhesive and fasteners, cutting/ chamfering/ groove/rounding wherever required, at all height with lead and lift, finishing, cleaning as per design and drawing etc all complete.	600mm L x 300mm H x 200mm D	no	8								
24	Impluse buy display	plywood impluse buy 3 level unit	Providing, making and fixing of 350mm deep impluse buy unit made out of 18mm thk plywood finished with veneer and melamine polish. rate including all necessary required groove, framing, hardware, approved make adhesive and fasteners, cutting/ chamfering/ groove/rounding wherever required, at all height with lead and lift, finishing, cleaning as per design and drawing etc all complete.	1000mm L X 350MM DEEP AND 600MM HEIGHT	no	2								

Divesh Tsipathi
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**THIRD WAVE & WRPAFELLA @ LUCKNOW
ELECTRICAL BOG**

DATE : 29.11.2023 R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
1	PANEL & SWITCHGEAR								
1	Supply, installation, testing & commissioning of free standing, floor mounting compartmentalized panels fabricated out of CRCA sheet steel sections after carrying out 7 tank cleaning process and duly powder coated using Siemens Grey Shade No. RAL 7032. The frame structure, doors and gland plates shall have 2.0 mm thick sheets and partitions shall be with 1.6 mm thick CRCA sheet. Base channel size 75 x 40 x 6 mm of ISMC shall be provided. The panel shall be dust and vermin proof with neoprene gasket. The doors shall be provided with concealed hinges and with brazing wherever required to avoid deformation and shall be earthed. The bus bar shall be of tinned Copper with epoxy supports and shall be insulated with colour coded heat shrink sleeves. The control wiring min. 2.5 Sq.mm shall be ZHLS type. The Panel shall be provided with CTs, phase indication lamps, meters, relays and all switchgear, etc. as per the SLD. The panel shall be complete in all aspects as per the final approval of the Consultant. All components for Switchgears shall be L&T/Legrand								
a	Providing & installing MAIN LT PANEL as per SLD:	1		RO	Set				
2	Supply, installation, testing & commissioning of Switchgears. (Standard Product)								
a	Supply/Installation, Testing and Commissioning of 40 Amps, 4Pole MCB with ELCB at 300mA/h for HVAC Outdoor. Isolation all complete with mounting accessories			RO	Nos.				
b	Supply/Installation, Testing and Commissioning of 32 Amps, 4Pole MCB for HVAC Outdoor. Isolation all complete with mounting accessories.			RO	Nos.				
c	Supply/Installation, Testing and Commissioning of 20 Amps, DP, MCB for UPS/INVERTER Isolation all complete with mounting accessories for UPS.	1	1	2.00	Nos.		2.00	NOS	✓
d	Supply & installation of DOL starter L&T/Siemens/Legrand for 3 kW load			RO	Nos.				
e	Supply & installation of DOL starter L&T/Siemens/Legrand for 4 kW load			RO	Nos.				
f	Supply & installation of Star Delta starter as per Type-2 Coordination for 3 kW (4HP) load with on / off / trip indication Lamp, on off push button, & phase indication Lamp. (For Exhaust air fan)(EXISTING UNIT PROVIDED BY MALL)			RO	Nos.				
g	Supply & installation of Star Delta starter as per Type-2 Coordination for 9.3 kW (12.5HP) load with on / off / trip indication Lamp, on off push button, & phase indication Lamp. (For Exhaust air fan)			RO	Nos.				
h	Supply & installation of Star delta starter as per Type-2 Coordination for 5.5 kW (7.5HP) load with on / off / trip indication Lamp, on off push button, & phase indication Lamp. (For Fresh air fan)			RO	Nos.				

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THIRD WAVE & WRPAFELLA @ LUCKNOW

ELECTRICAL BOQ

DATE : 29.11.2023 R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
i	Supply & installation of DOL starter as per Type-2 Coordination for 2.2 KW (3.0HP) load with on / off / trip indication Lamp, on off push button, & phase indication Lamp. (For AHU)			RO	Nos.				
j	Supply & installation of DOL starter as per Type-2 Coordination for 1.5 KW (2.0HP) pump load with on / off / trip indication Lamp, on off push button, & phase indication Lamp. (For Scrubber)			RO	Nos.				
k	80 amps 4P ELMCB 300mA with 63A 5 Pin Ray Roll Socket complete with all mounting accessories – for Indoor Legrand make model No. 6078 80			RO	Nos.				
l	63 amps 4P ELMCB 300mA with 63A 5 Pin Ray Roll Socket complete with all mounting accessories – for Indoor Legrand make model No. 6078 80			RO	Nos.				
m	40 amps 4P MCB with 40A 5 Pin Ray Roll Socket complete with all mounting accessories – for Kitchen Legrand make model No. 6078 80	2		2.00	Nos.		2.00	nos	✓
n	25 amps 4P MCB with 25A 5 Pin Ray Roll Socket complete with all mounting accessories – for Kitchen Legrand make model No. 6078 80			RO	Nos.				
o	25A Rey roll socket complete with 25 amps SPMCB with 3 pin metal clad socket - Legrand make Model No. 6078 41			RO	Nos.				
p	20A Rey roll socket complete with 32 amps DPMCB with 3 pin metal clad socket - Legrand make Model No. 6078 41	4	2	6.00	Nos.		6.00	nos	✓
q	5/15A Rey roll socket complete with 15 amps SPMCB with 3 pin metal clad socket - Legrand make Model No. 6078 41	3		3.00	Nos.		3.00	nos	✓
r	Set of 1 no 25A Metal clad Socket with MCB, and 2nos 6/16A Switch sockets housed in Fabricated SS Panel suitable for hanging arrangement for Kitchen equipments.			RO	Nos.				
q	5/15A Switch socket complete (IP-65) for Kitchen	14	19	33.00	Nos.		33.00	nos	✓
3	SITC of Standalone Gas leak detector with inbuilt sounder for Kitchen			RO	Nos.				
TOTAL FOR MAIN PANEL & SWITCHGEAR									
INVERTER / UPS									
1	Supply, Installation, testing and commissioning of 1.5 KVA UPS System Single Phase I/C & Single Phase O/G complete with 30 Minutes Battery Back-up the required accessories as specified in the drawings & the specifications.	1	1	2.00	Nos				
TOTAL FOR UPS									
DISTRIBUTION BOARDS									

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THIRD WAVE & WRPAFELLA @ LUCKNOW

ELECTRICAL BOQ

DATE : 29.11.2023_R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
	Supply, installation, testing & commissioning of Distribution Boards surface / flush mounted with Double door containing MCB/ELMCB as incomer and SPMCB as outgoing. All MCBs are of 10KA breaking capacity and ELMCBs/RCCB should be of 30mA/100 mA sensitivity. The DB shall have appropriate no. of top and bottom knock outs for outgoing circuits and shall be complete with necessary busbars, interconnection terminals and earth studs. All terminations in DB shall be complete with ferulling, dressing and all circuits shall be properly labeled with PVC strip (sticker type) having identification as per the final approval of Consultant. For UPS DB MCB shall be 'D' type and other MCBs shall be 'C' category for lighting and raw power DB LEGRAND/L&T								
1	Lighting Distribution Board - LPDB 12 WAY TPN DB I/C- 1 # 40A FP MCB , 16KA SUB I/C - 3 # 25A DP RCCB 30mA per phase O/G - 30 # 10/20A SP MCB			RO	Nos.				
2	LIGHTING Power Distribution Board - LPDB 8 WAY TPN DB I/C- 1 #40 A FP MCB SUB I/C- 3#25 DP ELCB 100mA per ph O/G - 18 # 16/20A SP MCB	1	1	2.00	Nos.		2.00	nos	✓
3	Kitchen Power DB - (KPDB-1) 8 WAY TPN DB I/C- 1 #40 A FP MCB SUB I/C- 3#32 DP ELCB 100mA per ph O/G - 18 # 16/20A SP MCB			RO	Nos.				
4	EMERGENCY LIGHTING DB (ELDB/UPSDB) 12 way SPN DB Incomer: 25A DP RCBO 30mA Outgoings :10/16 SP MCB, 'D' Type – 8 Nos	1	1	2.00	Nos.		2.00	nos	✓
TOTAL FOR DISTRIBUTION BOARDS									

Divesh Tewari
05/07/24

THIRD WAVE & WRPAFELLA @ LUCKNOW
ELECTRICAL BOQ
DATE : 29.11.2023 R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
IV	CABLES & ACCESSORIES								
	Supply & installation of following LT XLPE FRLSH cables (FINOLEX/RK KABLE/POLYCAB) rated for 600 / 1100 volts AC as per IS standard 1554 Part 1 with necessary M.S. clamps. All cables shall be properly clamped or tied when run on cable trays. All such cables shall be provided with temporary labelling at every 20 mtrs and ten finally with metal identification tags showing the size and the location from/to the specific Panel/DB at both ends.								
1	3.5C x 300 Sq. mm A2XFY			RO	Mtr.				
2	3.5C x 240 Sq. mm A2XFY			RO	Mtr.				
3	3.5C x 185 Sq. mm A2XFY			RO	Mtr.				
4	3.5C x 150 Sq. mm A2XFY			RO	Mtr.				
5	3.5C x 120 Sq. mm A2XFY			RO	Mtr.				
6	3.5C x 95 Sq. mm A2XFY			RO	Mtr.				
7	3.5C x 70 Sq. mm A2XFY			RO	Mtr.				
8	3.5C x 50 Sq. mm A2XFY			RO	Mtr.				
9	3.5C x 25 Sq. mm A2XFY			50.00	Mtr.		30.00	mitr	✓
10	4C x 16 Sq. mm A2XFY	50	50	60.00	Mtr.		48.00	mitr	✓
11	4C x 10 Sq. mm A2XFY			RO	Mtr.				
12	4C x 10 Sq. mm 2XFY (Cu)			RO	Mtr.				
13	4C x 16 Sq. mm 2XFY (Cu)			RO	Mtr.				
14	4C x 6 Sq. mm 2XFY Cable (Cu)			RO	Mtr.				
15	4C x 4 Sq. mm 2XFY Cable (Cu)	50		50.00	Mtr.		38	mitr	✓
16	4C x 2.5 Sq. mm 2XFY Cable (Cu)			RO	Mtr.				
17	3C x 6sq. mm YWY cable (Cu)			RO	Mtr.				
18	3C x 4sq. mm YWY cable (Cu)	10	10	20.00	Mtr.		17	mitr	✓
19	3C x 2.5 Sq. mm YWY cable (Cu)			RO	Mtr.				
20	1C x 10 Sq. mm YY cable (Cu)			RO	Mtr.				
21	1C x 6 Sq. mm YY cable (Cu)			RO	Mtr.				
22	1C x 4 Sq. mm YY cable (Cu)			RO	Mtr.				
23	5Rx1Cx16 Sq. mm YY FRLS Cable (Cu)			RO	Mtr.				
24	5Rx1Cx10 Sq. mm YY FRLS Cable (Cu)			RO	Mtr.				
25	5Rx1Cx6 Sq. mm YY FRLS Cable (Cu)			RO	Mtr.				
26	5Rx1Cx4 Sq. mm YY FRLS Cable (Cu)			RO	Mtr.				
B	Termination of following sizes of cables with Single compression cable gland/(COMET/BRAKO)								
1	3.5C x 300 Sq. mm A2XFY			RO	Nos.				
2	3.5C x 240 Sq. mm A2XFY			RO	Nos.				
3	3.5C x 185 Sq. mm A2XFY			RO	Nos.				
4	3.5C x 150 Sq. mm A2XFY			RO	Nos.				
5	3.5C x 120 Sq. mm A2XFY			RO	Nos.				
6	3.5C x 95 Sq. mm A2XFY			RO	Nos.				
7	3.5C x 70 Sq. mm A2XFY			RO	Nos.				

Divesh Gupta
05/07/24

THIRD WAVE & WRPARELLA @ LUCKNOW

ELECTRICAL BOQ

DATE : 29.11.2023_R03

SR. No	DESCRIPTION	THIRD WAVE	WRPARELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
8	3.5C x 50 Sq. mm A2XFY			RO	Nos.				
9	3.5C x 25 Sq. mm A2XFY	2		2.00	Nos.		2.00 nos		✓
10	4C x 16 Sq. mm A2XFY		2	4.00	Nos.		4.00 nos		✓
11	4C x 10 Sq. mm A2XFY			RO	Nos.				
12	4C x 10 Sq. mm 2XFY (Cu)			RO	Nos.				
13	4C x 16 Sq. mm 2XFY (Cu)			RO	Nos.				
14	4C x 6 Sq. mm 2XFY Cable (Cu)			RO	Nos.				
15	4C x 4 Sq. mm 2XFY Cable (Cu)			RO	Nos.				
16	4C x 2.5 Sq. mm 2XFY Cable (Cu)	4		4.00	Nos.		4.00 nos		✓
17	3C x 6sq. mm WYV cable (Cu)			RO	Nos.				
18	3C x 4sq. mm WYV cable (Cu)			RO	Nos.				
19	3C x 2.5 Sq. mm WYV cable (Cu)	4	4	8.00	Nos.		8.00 nos		✓
20	1C x 10 Sq. mm YY cable (Cu)			RO	Nos.				
21	1C x 6 Sq. mm YY cable (Cu)			RO	Nos.				
22	1C x 4 Sq. mm YY cable (Cu)			RO	Nos.				
23	5Rx1Cx16 Sq. mm YY FRLS Cable (Cu)			RO	Nos.				
24	5Rx1Cx10 Sq. mm YY FRLS Cable (Cu)			RO	Nos.				
25	5Rx1Cx6 Sq. mm YY FRLS Cable (Cu)			RO	Nos.				
26	5Rx1Cx4 Sq. mm YY FRLS Cable (Cu)			RO	Nos.				
TOTAL FOR CABLES & ACCESSORIES									

Divest Tulpah
25/07/24

THIRD WAVE & WRPAFELLA @ LUCKNOW
ELECTRICAL BOQ
DATE : 29.11.2023_R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
V	WIRING & ACCESSORIES								
	Notes :								
	1) Rates for point wiring shall include supply & installation of Wires & wiring accessories such as angle holders/ceiling roses as required, conduits, conduit accessories such as junction boxes, Ts, elbows etc, Switches, sockets & fixtures shall not be included in the point wiring rates. These will be counted & paid separately.								
	2) Unless otherwise specified, all wires in point wiring shall be 2.5 sq.mm Stranded copper conductor 1.1 KV grade, I.S.I. marked (P+N+E), LSZH) PVC insulated . Wires shall be colour coded (Red, Yellow and Blue for Phases, Black for Neutral & Green for earth).								
	3) Looping of wires shall be in fittings and switch boxes only								
	4) Location of switches/sockets/ DBs shown on the drawings shall be confirmed with the Architect/ Consultant/ Project Manager before installation.								
	5) All Surface and concealed Conduits shall be rigid GI conduits of size not less than 20 mm dia as per applicable IS.								
	6) The Contractor can take more than one circuit in the same conduit provided they are of the same phase. The size of conduit shall be decided according to the number of wires in it as per applicable IS & as specified.								
	7) Payments for light fixtures & fans will be made separately as per the items given in 'Light Fixtures & Accessories'.								
	8) Type & location of light fixtures shown in the drawings are tentative and subject to revision as per the recommendation of Architect/ Consultant. The quantities (number of points and accessories) of point wiring will be revised as actual installed on account of such revisions in the layouts.								
	9) Circuit wiring from DBs to the switch boards or first light point shall be included as primary points & remaining points of the same looping shall be considered as Secondary points and shall be counted in nos.								

THIRD WAVE & WRPAFELLA @ LUCKNOW
ELECTRICAL BOQ
DATE : 29.11.2023_R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
10	Circuit Wiring from DB to Kitchen Power points shall be measured in running meters								
1	Supply, installation, testing & commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.								
	Averagepoint length of primary&secondaryto be derived by Contractor, fromthe drawing provided AND+/-1MtrMeasured Radially								
a)	Primary Light points controlled by MCB (3R x 2.5 sqmm wire)			RO	Nos.				
b)	Secondary Light points looped in the same circuit. (3R x 2.5 sqmm wire)			RO	Nos.				
2	Supply, installation, testing & commissioning of point wiring for light points, power points. Point wiring for primary point shall include wiring from Switch Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same switch board where primary points are controlling. The Power points shall be measured in Nos. Cost of GI conduits, 6A switch & switch board and accessories shall be included.								
a)	Primary Light points controlled by Switch (3R x 2.5 sqmm wire)	4	6	10.00	Nos.		10.00	nos	✓
b)	Secondary Light points looped in the same circuit. (3R x 2.5 sqmm wire)	8	8	16.00	Nos.		16.00	nos	✓
	DB to SB & SB to SB circuit wiring : For Switch Operated Primary point @ SB to SB loop point.								
c)	Wiring for switch board controlled by MCB already installed in DB by using 3 X 2.5 sq. mm flexible LSZH copper wires in 25mm GI conduits as per IS 9537 part-3 or surface mounted.	15	15	30.00	Mtrs		27	30.00 mtr	✓
3	Supply, installation, testing & commissioning of point wiring for Emergency light points, power points. Point wiring for primary point shall include wiring from Distribution Board upto First point of the circuit and shall be measured in nos. Secondary points shall also be measured in nos and shall include the remaining light points of the circuit controlled from same distribution board where primary points are controlling. The Power points shall be measured in Nos. Cost of GI conduits and accessories shall be included.								
	Averagepoint length of primary&secondaryto be derived by Contractor, fromthe drawing provided AND+/-1MtrMeasured Radially								
a)	Primary Light points controlled by MCB (3R x 2.5 sqmm wire)	1	1	2.00	Nos.		2.00	nos	✓
b)	Secondary Light points looped in the same circuit. (3R x 2.5 sqmm wire)	1	1	2.00	Nos.		2.00	nos	✓

Divesh Bhatnagar
05/07/24

THIRD WAVE & WRPAFELLA @ LUCKNOW

ELECTRICAL BOQ

DATE : 29.11.2023_R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
5	Providing point wiring for Raw Power/UPS points 1no. 6/16A switch socket outlet on Skirting level to be looped from the nearest point using 2 x 4.0 sq. mm copper conductor wires and minimum 4.0 sq. mm copper conductor PVC insulated green colour earth wire as per approval of Architect / Consultant. (Cost of GI Conduit / Floor Raceway and switch sockets are considered elsewhere) (Wires shall be LSZH type) Note: Average primary / secondary point length to be derived by Contractor, from the drawing / site provided AND +/- 1 Mtr Measured Radially.								
a)	Primary Point	2	2	4.00	Nos		4.00	nos	✓
b)	Secondary points	4	2	6.00	Nos		6.00	nos	✓
6	Providing point wiring for Raw Power points 1no. 6A switch socket outlet on Skirting level to be looped from the nearest point using 2 x 2.5 sq. mm copper conductor wires and minimum 2.5 sq. mm copper conductor PVC insulated green colour earth wire as per approval of Architect / Consultant. (Cost of Conduit / Floor Raceway and switch sockets are considered elsewhere) (Wires shall be FRLS type) Note: Average primary / secondary point length to be derived by Contractor, from the drawing / site provided AND +/- 1 Mtr Measured Radially.								
a)	Primary Point				RO	Nos.			
b)	Secondary points				RO	Nos.			
8	Supply and laying of following PVC insulated copper conductor 1100 volt grade stranded flexible LSZH wire in already laid GI conduit concealed or surface mounted making connections where ever required to complete the installation.(For Kitchen and Bar Power Points) Conduit rate shall be paid separately.								
a)	2R x 2.5Sqmm + 1R x 2.5Sqmm Cu. Wires	85	135	220.00	Mtr		202-206.00	mtr	✓
b)	3R x 4Sqmm Cu. Wires	140	180	320.00	Mtr		287-299.00	mtr	✓
c)	4R x 4Sqmm + 2R x 2.5Sqmm Cu. Wires				Mtr				
d)	4R x 6Sqmm + 2R x 2.5Sqmm Cu. Wires				Mtr				
9	Supply & installation of 25 mm dia. GI conduit with pull box / junction box & all accessories for Kitchen & Bar Power wiring as per the requirement								
a)	- do - but conduit pipe shall be Rigid type	175	220	395.00	Mtr.			378.00	mtr
b)	- do - but flexible conduit pipe				Mtr.				✓
10	Supply & installation of 20 mm dia. GI conduit with pull box / junction box & all accessories for Lighting & Power wiring as per the requirement								
a)	- do - but conduit pipe shall be Rigid type.				RO	Mtr.			
b)	- do - but flexible conduit pipe				RO	Mtr.			

Dinesh Tishbati
05/07/24

THIRD WAVE & WRPAFELLA @ LUCKNOW

ELECTRICAL BOQ

DATE : 29.11.2023 R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
11	Supply and installation of Perforated Cable Tray (ASIAN) out of 14 gauge GI sheet complete with necessary fixing arrangement with Anchor Fastener and all other accessories as per the final approval of the Consultant/Architect								
a	300 x 50 x 2mm	20	20	40.00	Mtr.				
b	200 x 50 x 2mm			RO	Mtr.				
c	150 x 50 x 2mm			RO	Mtr.				
d	100 x 50 x 2mm			RO	Mtr.				
e	50 x 50 x 2mm			RO	Mtr.				
12	Supply and installation of GI trunking (SV POWER/ASIAN) with 2 mm thickness & properties/clamps for suspension at appropriate intervals & as per the route approved by Architect/Consultant. (For DATA/CONTROL WIRING/LIGHTING & POWER CIRCUITS / KITCHEN)								
a	300 x 50 x 2mm			RO	Mtr.				
b	200 x 50 x 2mm			RO	Mtr.				
c	150 x 50 x 2mm			RO	Mtr.				
d	100 x 50 x 2mm			RO	Mtr.				
e	50 x 50 x 2mm	15	15	30.00	Mtr.		28 30.00	✓	
13	Supply and installation of GI raceway with 2 mm thickness & proper ties/clamps at appropriate intervals & as per the route approved by Architect/Consultant. (Cost of cutting the floor for laying of raceways to be included).								
a	3 runs of underfloor raceways of size 100 x 40 mm			RO	Mtr.				
b	2 runs of underfloor raceways of size 100 x 40 mm			RO	Mtr.				
c	1 runs of underfloor raceways of size 100 x 40 mm	20	20	40.00	Mtr.				
d	1 runs of underfloor raceway of size 85 x 40 mm			RO	Mtr.				
e	2 runs of underfloor raceway of size 65 x 40 mm			RO	Mtr.				
f	1 runs of underfloor raceway of size 65 x 40 mm			RO	Mtr.				
14	Supply & installation of GI junction boxes with 2 mm thickness, 2mm thick SS cover with 2" extra on all sides SS cover on top and having screw fixed plates on all four sides with knock out holes for conduits. The plates shall be retained on the sides having no conduit or raceway so as to avoid the entry of any unwanted material. Earth stud to be provided for all Junction boxes for earthing. Junction box to be prepared as per the final approval of Architect/Consultant. The junction boxes shall be protected from the entry of unwanted material till the completion of the project & the SS plates shall be installed after the final polishing of flooring.								
a	suitable for 450 x 450 x 50 mm			RO	Nos.				
b	suitable for 350 x 350 x 50 mm	1	1	2.00	Nos.		2.00	nos	✓
c	suitable for 250 x 250 x 50 mm	4	4	8.00	Nos.		8.00	nos	✓
d	suitable for 150 x 150 x 50 mm			RO	Nos.				

Dinesh Tripathi
05/07/24

THIRD WAVE & WRPAFELLA @ LUCKNOW

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SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
15	Supply, installation, testing & commissioning of flush mounted plate type switch and switch + sockets with hot dipped GI box complete as per the final approval of Architect/Consultant								
a	6A one way plate type switch	4	6	10.00	Nos.		10.00	nos	✓
b	6A 5 pin Socket outlet			RO	Nos.				
c	6A 5pin switch socket outlet for CCTV & Charging point	2	2	4.00	Nos.		4.00	nos	✓
f	3 nos. 6A socket controlled by 1no 16A switch	1	1	2.00	Nos.		2.00	nos	✓
g	2 nos. 6A socket controlled by 2no 16A switch			RO	Nos.				
	USB Point			RO	Nos.				
h	1 nos. 6/16A socket controlled by 1nos 6/16A switch	5	5	10.00	Nos.		10.00	nos	✓
i	1 phase, 2 Nos x 5/15 amp, bakelite socket & switch, housed in Fabricated SS Panel suitable for hanging arrangement for Kitchen equipments. (having Two outlet /6 modular plate)	1	1	2.00	Nos.		2.00	nos	✓
16	Supplying, installation, Testing and commissioning flush mounting floor metallic boxes IP 66 (at terrace level) with 2 nos of 6/16A International switch & socket outlet + 1 set of blanking plate for 2 data/voice outlet suitable for AMP tyco l/o's of following modules complete with all installation kits, accessories, required to finish the installation - Sample will Approved by Client/Consultant. Cost of Switches, sockets outlet & blanking plat for Data/Voice outlets shall be included.								
16.1	300mm x 300mm x 65/75 mm			RO	Nos.				
17	Supply, installation of temporary lighting & power arrangement for construction purpose of with industrial type switch & sockets/ MCB's/ELCB's & lighting fittings as required to finish the work for interior contractor & necessary electrical protections throughout the site for construction work till the handover of site. Contractor shall maintain the safety rules & regulations as per Airport Security Department. The material shall be taken back by the contractor.	1	1	2.00	Job		2.00	job	✓

Divesh Tsipathi
05/07/24

THIRD WAVE & WRPAFELLA @ LUCKNOW

ELECTRICAL BOQ

DATE : 29.11.2023 R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
TOTAL FOR WIRING & ACCESSORIES									
VI	LIGHTING FITTINGS								
	Installation, testing & commissioning of the following concealed / surface mounted or suspended light fixtures AS PER FINAL APPROVAL FROM ARCHITECT/CLIENT/CONSULTANT with lamps, ballast & all necessary mounting & supporting accessories. No additional cost shall be paid for supporting.								
1	CONNECTED LIGHT (CHANDELIER TYPE)	2	5	7	Nos.				
2	SPOT LIGHT	10	8	18	Nos.				
3	LED STRIP LIGHT	10	15	25	Mtr.				
TOTAL FOR LIGHTING FIXTURES									
VII	EARTHING								
1	Supply and Installation of Maintenance Free Chemical earthing using Electrode of Size approx. 38 mm dia +/- 2mm, 3 metres long bonded with 50x6 copper internal strip complete with excavation, civil works, cast iron cover with backfill compound min. 40 KG. The system shall be CPRI tested. Warranty period of chemical earthing from the date of commissioning shall be 5 years. Warranty implies the voltage between earth and neutral will not exceed 0 volts for earthing pits installed. (Note: Body earthing provided by Base builder. We have considered Neutral earthing for UPS & Server racks.)			RO	Nos.				
2	Supply & erection of G.I. strip of 50 x 6 mm used for earthing on wall, cable trays with necessary clamps fixed on wall painted with bituminous paint in an approved manner.			RO	Mtr.				
3	Supply & erection of G.I. strip of 25 x 3 mm used for earthing on wall, cable trays with necessary clamps fixed on wall painted with bituminous paint in an approved manner.	60	60	120	Mtr.		265	111.00	✓
4	1 no. 4 sq. mm YY cable in 25mm GI conduit for earthing FOR NETWORK RACK	25	25	50	Mtr.		43	46.00	✓
5	Supplying & erecting bare copper conductor of 8 swg for earthing purpose	20	20	40	Mtr.		37	39.00	✓
7	Supplying & erecting bare GI conductor of 8 swg for earthing purpose				Mtr.				
8	Supplying & erecting bare CU conductor of 12 swg for earthing purpose				Mtr.				
9	Supplying & installation testing & commissioning of earth terminal box				Nos.				
TOTAL FOR EARTHING									
VIII	MISCELLANEOUS								
1	Supply & Installation of 6A 3 pin plug top			RO	Nos.				

Dhruv Jaiswal
05/10/24

THIRD WAVE & WRPAFELLA @ LUCKNOW

ELECTRICAL BOQ

DATE : 29.11.2023 R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
2	Supply & Installation of 16A 3 pin plug top			RO	Nos.				
3	Supply, installation, testing & commissioning of Cat-6 FRLS Cable for Lighting Automation			RO	Mtr.				
4	Supply & laying of Rubber Mats, CPRI tested conforming to standards like BS 921, ASTM-D 178 & IEC 479 for different operating voltage ratings as below. Supply of 2M x 1M Rubber mat suitable for operating voltage upto 1.1 KV			RO	Set				
5	Supply & fixing of approved shock treatment chart written in English and in local Language. The chart shall be framed in Teakwood and covered with glass.			RO	Nos.				
6	Supply & fixing of approved Fire Alarm evacuation plan chart written in English and in local Language approved by client requirements.			RO	Nos				
7	Supply & fixing of the best quality LT Danger Boards(415V) for of approved shape and size as specified by the local electrical authorities written in English, and local Language	1	1	2.00	Nos.				
8	Supply & handed over to client of First Aid Box			RO	Set				
9	SITC of Emergency Exit signage (battery operated) approval by client / architect / consultant. Make: Prolite or Equivalent			RO	Nos.				
TOTAL FOR MISLANIOUS									
IX LOW VOLTAGE SYSTEM									
A DATA AND TELEPHONE SYSTEM									
1	Supply & Installation of 25mm.dia. GI conduit with pull box/ junction box & all accessories for DATA /VOICE/WIFI wiring as per the requirement.	50	50	100.00	Mtr.		95.00	mtr	✓
2	Providing DATA wiring inside 25mm dia GI conduit from each Data outlet to ICT CP Point by using Indoor Type CAT6A,	80	80	160.00	Mtr.		151	135.00 mtr	✓
3	Supply & Installation of Internet Jack Unit RJ-45 suitable for CAT6A	2	2	4.00	Nos.		4.00	nos	✓
4	Supply & Installation of make Cat 6A, UTP Patch Cords, with snagless boots, color matched, Blue, 3 Feet	2	2	4.00	Nos.		4.00	nos	✓
5	Supply & Installation of make Cat 6A, UTP Patch Cords, with snagless boots, color matched, Blue, 7 Feet	2	2	4.00	Nos.		4.00	nos	✓

Divesh Talsballi
05/07/24

THIRD WAVE & WRPAFELLA @ LUCKNOW

ELECTRICAL BOQ

DATE : 29.11.2023_R03

SR. No	DESCRIPTION	THIRD WAVE	WRPAFELLA	TOTAL QTY.	UNIT	Location	RA Qty	UNIT	SIGN
6	Supply & laying indoors multi-pair 0.5mm dia copper PVC insulated and sheathed, armoured telephone cables on walls, ceiling, cable trays, trunking complete with clamps, cable markers etc. from MDF to the various tag blocks as specified								
a	10 pair cable armoured	40	40	80.00	Mtr.		75.00	mtr	✓
b	5 pair cable			RO	Mtr.				
c	3 pair cable			RO	Mtr.				
d	2 pair cable			RO	Mtr.				
7	Supply & installation of telephone tag block with KRONE terminal connectors, G.I.J.B as specified & complete with all interconnections and jumper connections between the two tag blocks on all floors as shown on drgs.								
a	50 pair tel. tag block			RO	Nos.				
b	20 pair tel. tag block	1	1	2.00	Nos.		2.00	nos	✓
c	10 pair tel. tag block			RO	Nos.				

Divesh Tolibathi
05/07/24

CBTL AND WRAPAFELLA -LUCKNOW-PHE BOQ

Item No.	Description	Unit	Qty	RA QTY	SIGN
A	WATER SUPPLY PIPING				
1	<p>CPVC Pipes conforming to ASTM D-2846, SDR-11 grade and CPVC solvent weld fittings like elbows, tees, couplers, brass threaded adaptors, insert ring etc. suitable for (domestic and flushing) cold applications rated, concealed piping within wall / floor including jointing with fittings using solvent cement, brass threaded end fittings for making connection to fixtures. The work shall also include chasing the walls with machine wherever required for concealed piping and making good the same after laying of pipes & necessary pressure testing Chasing finishing shall be done with 1:1 cement mixed mortar, restore the same original condition for internal and shaft piping, including necessary hot deep galvanised supports vertical / horizontal, as per direction of Site incharge direction. [The rate shall include supply of S.S.screws and nut bolts etc.chasing in walls done by machine] (For Domestic and Flushing water-Toilet internal) (Pipe shall be tested with 1.5 times working pressure as covered in specifications)</p>				
1.1	20 mm Dia	R.mt	40	35 36.62	
1.2	25 mm Dia	R.mt	0		
1.3	32mm Dia	R.mt	0		
1.4	40mm Dia	R.mt	0		

Divesh Tripathi
05/07/24

Item No.	Description	Unit	Qty	RA QTY	SIGN
2	Providing & Fixing of gun metal heavy Ball Valves-PN-16 (approved makes as covered in specification) screwed type for water system of the following diameters. Valve shall have with unions.				
2.1	20mm Dia	Nos.	4	1	✓
2.2	25mm Dia	Nos.	0		
2.3	32mm Dia	Nos.	0		
2.4	40mm Dia	Nos.	0		
3	Providing, fixing, testing and commissioning capstan make Water Meter including providing & fixing matching Isolation valves, strainer, non-return valve, complete with all necessary fittings etc screwed type(15Kgs/Sq.cm). Valve shall have with union.				
3.1	20 mm Dia incoming line	Nos.	1	1	✓
3.2	25 mm Dia incoming line	Nos.	RO		
3.3	32 mm Dia incoming line	Nos.	RO		
4	Supply, installation, testing & commissioning of Storage Type Electric Hot Water Generator of mentioned capacity, suitable for 3 KG/cm2 pressure, Wall Mounted / Floor standing type, with Auto Shut-off Thermostat, along with isolation Valves, Air Release valve, SS flexible connections and all other std accessories				
4.1	5 L Capacity-	Nos.	RO		
4.2	20 L Capacity	Nos.	1	1	✓ need photo
4.3	35 L Capacity- For shower	Nos.	RO		

Divesh Tripathi
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Item No.	Description	Unit	Qty	RA QTY	SIGN
5	Supply, installation, testing & commissioning of Stiebel Type Electric Hot Water Generator of mentioned capacity, suitable for 3 KG/cm2 pressure. Wall Mounted / Floor standing type, with Auto Shut-off Thermostat, along with Isolation Valves, Air Release valve, SS flexible connections and all other std accessories (Optional in pantry)				
5.1	3.5kw in pantry- optional	Nos.	RO		
5.2	8kw	Nos.	RO		
5.3	13kw-3ph- Subject to load permits	Nos.	RO		
6	SITC of Eco smart RO-50 with all required accessories. (Prior to order capacity and model to need to be confirmed by the kitchen consultant)	Nos	RO		
7	SITC of ACO grease trap -model Lipumobil 0.8 -Capacity -48 lit (0.8 LPS) with all required accessories (Order shall be placed as per space available below the counter)	Nos	0		
8	SITC of ACO grease trap -model Lipumobil S -Capacity -32 lit (0.5 LPS) with all required accessories	Nos	2		
A	SUB TOTAL OF A				
B	DRAINAGE				

Divesh Tripathi
05/07/24

Item No.	Description	Unit	Qty	RA QTY	SIGN
1	uPVC-SWR pipes conforming to IS 13592/92 including fittings conforming to IS-14935/99 and agri type pipes above 100 mm dia. conforming to IS: 4985, cutting the pipes to required lengths, laying in the position to required grade and level, jointing, supporting with PVC cleat, hot deep galvanised bracket supports, hot deep galvanised nut-bolts, anchor fasteners, PVC coated U-clamp, testing and rectifying leakages for piping within vertical shafts / supported on wall / hung below slab etc. with all material & labor complete and as directed. [The Rate shall include supply and fixing of hotdip galvanised bracket nut bolts/ PVC Coated U-Clamp and screws] Vertical line bracket shall be fixed at every 0.8 mtr to 1.00 mtr.] (For Soil , Waste, Vent and RWP-Internal and vertical shaft).				
1.1	40mm Dia	R.mt	2	2	✓
1.2	50mm Dia	R.mt	4		
1.3	65mm Dia	R.mt	0		
1.4	75mm Dia	R.mt	5		
1.5	100 mm Dia	R.mt	10	9.23	9 ✓
1.6	150 mm Dia	R.mt	RO		
2	Supply, Install PVC Floor Trap for the following pipes including making all approved quality Solvent cement joints with material & labour etc. all complete as per direction of the engineer-in-charge.	Nos.	0		
3	Supply, Install PVC Multi Floor Trap for the following pipes including making all approved quality Solvent cement joints with material & labour etc. all complete as per direction of the engineer-in-charge.	Nos.	5	4	✓

Divakar Ishipathi
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Item No.	Description	Unit	Qty	RA QTY	SIGN
4	Supply, Install PVC urinal Traps including fixing with necessary consumables with Circular SS Grating with anti cockroach jali Suitable for 75mm Dia outlet	Nos.	0		
5	Supply, Install PVC P- Traps including fixing with necessary consumables with Circular SS Grating with anti cockroach jali Suitable for 75mm Dia outlet	Nos.	0		
SUB TOTAL OF B					

Divesh Tailpathi
05/07/24

Item No.	Description	Unit	Qty	RA QTY	SIGN
C	SANITARY AND C. P. FITTINGS & FIXTURES				
	Only installation, testing and commissioning of sanitary and C.P. fittings				
1.1	EWC with seat cover	Nos	0		
1.2	Concealed flush tank	Nos	0		
1.3	Concealed flush valve	Nos	0		
1.4	Health Faucet	Nos	0		
1.5	2 Way Bib-Cock with connection for Health Faucet	Nos	0		
1.6	Bided	Nos	R.O.		
1.7	Under Counter Wash Basin including waste Coupling	Nos	0		
1.8	Wash Basin Cock	Nos	0		
1.9	shower and mixer	Nos	0		
1.10	Jet Spray	Nos	0		
1.11	Bath Tub including waste Coupling and nessessary connections	Nos	0		
1.12	Under Counter Sink including waste Coupling	Nos	2	2.00	✓
1.13	Sink Pillar Cock	Nos	2	2.00	✓
1.14	Bottle Trap for WHB/ sink and urinal with all connecting pipes	Nos	2		
1.15	Angle Cock with PVC pipe connection upto WHB/sink/Geyser connection	Nos	7	11.00	12 ✓
			BOQ QTY	7.00	
			EXTRA QTY	4.00	
1.16	Urinal	Nos	0		
1.17	Auto Flush Valve & Sensor with connecting piping & spreader for urinal(DC)	Nos	0		

Divesh Tshipathi
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Item No.	Description	Unit	Qty	RA Qty	
	SUB TOTAL -C-SANITARY AND C. P. FITTINGS & FIXTURES (ONLY INSTALLATIONS)				
D	S.S. GRATING				
	Only installations/ testing and commissioning of S.S.Gratings				
1	Making chamber in brick work including internal tiling etc for S.S Grating size, 1200mm x 200mm , in 16 swg 25mm x25mm Square Pipe around the Frame and 20mmX 20mm Square pipe in center of frame with SS perforated tray (304 SWR) . Complete as per architectural detail drawing & Site Engineer's instruction.	Nos.	0		
2	Making chamber in brick work including internal tiling etc for S.S Grating size, 600mm x 300mm , in 16 swg 25mm x25mm Square Pipe around the Frame and 20mmX 20mm Square pipe in center of frame with SS perforated tray (304 SWR) . Complete as per architectural detail drawing & Site Engineer's instruction.	Nos.	0		
4	Making chamber in brick work including internal tiling etc for S.S Grating size, 300mm x 300mm , in 16 swg 25mm x25mm Square Pipe around the Frame and 20mmX 20mm Square pipe in center of frame with SS perforated tray (304 SWR) . Complete as per architectural detail drawing & Site Engineer's instruction	Nos.	0		

Item No.	Description	Unit	Qty	RA QTY	SIGN
5	Making chamber in brick work including internal tiling etc for S.S Grating size, 300mm x 300mm, in 16 swg 25mm x25mm Square Pipe around the Frame and 20mmX 20mm Square pipe in center of frame with SS non perforated tray (304 SWR) . Complete as per architectural detail drawing & Site Engineer's instruction. (OPTIONAL-IN CASE REQUIRED AT SITE)	Nos.	0		
E	<u>FIRE EXTINGUISHERS</u>				
1	6kg capacity ABC type dry chemical powder fire Extinguishers with wall mounting brackets	Nos.	3		
	SUB TOTAL -D-S.S. GRATING INSTALLATION (ONLY INSTALLATIONS)				
	GRAND - TOTAL A . B. C.D & E				