HLL LIFECARE LIMITED

(A Government of India Enterprise) Projects Division Corporate Head Office, Poojappura.P.O, Thiruvananthapuram – 695012, Kerala, India Phn: 0471- 2354949, 2775588

INVITATION FOR BIDS (IFB) – AMENDMENT NO: 1

- Sub: Amendment Notice 1 Upgradation of govt. Ayurveda Dispensary, Kunnathukal, Thiruvanathapuram, Kerala state
- Ref: IFB Ref No HLL/CHO-PROJ/KL-HCD/CIV&ELE/AYUSH/2018-19/04, DT. 16.08.2018

Amendment Date: 01-09-2018

With reference to the above, please find the following amendments:

1. Section XI A: Schedule of Work is Amended and Section XI A - Amended is enclosed.

All other terms and conditions of the tender remain unchanged.

SENIOR MANAGER (PROJECTS)

	SECTION	XI A						
	Upgradation of Govt. Ayurveda Dispensary, Kunnathukal,							
~	<u>Thiruvanathapu</u>	<u>am, Ker</u>	<u>ala sta</u>	<u>ite</u>				
S. N	Description	Quantity	Unit	Rate in Rs.	Amount in Rs.			
	Civil Work							
EAR	TH WORK							
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	1.00	Cum					
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	1.00	Cum					
CEN	IENT CONCRETE							
CEIV	IENT CONCRETE							
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	1.00	Cum					
DIG								
DISM	MANTLING & DEMOLISHING							
4	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below	4.00	Each					
	Dismantling roofing including ridges, hips, valleys and							
5	gutters etc., and stacking the material within 50 metres lead of Asbestos sheet	15.00	Sqm					
6	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	1.00	Cum					

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	Upgradation of Govt. Ayurveda	Dispens	ary, Ku	nnathukal,
	<u>Thiruvanathapur</u>	am, Kei	rala stat	<u>e</u>
MAS	SONRY WORK			
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	13.00	Cum	
8	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	1.00	Cum	
RCC				
9	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm nominal size)	2.00	Cum	
10	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level & above plinth level.Thermo-Mechanically Treated bars	95.00	Kg	
PLA	STERING			
11	Raking out joints in lime or cement mortar and preparing the surface for re-pointing or replastering, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge.	20.00	Sqm	
12	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) : Raised and cut pointing.	20.00	Sqm	
13	12 mm cement plaster finished with a floating coat of neat cement of mix :1:3(1 cement: 3 fine sand)	72.00	Sqm	
ATT				
ALU	MINUM WORK			
14	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733	550.00	Kg	

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	<u>Thiruvanathapur</u>	·am, Ker	ala stat	te		
	and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer- in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For Fixed Portion, Powder coated aluminium (minimum thickness of powder coating 50 micron) including rubber beedings in doors, windows and fixed portions.					
15	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of powder coating 50 micron)	108.00	Kg			
16	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	45.00	Kg			
17	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type 1l, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides.	92.00	Sqm			

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Upgradation of Govt. Ayurveda Dispensary, Kunnathukal,					
Thiruvanathapur	am, Kei	rala state	<u> </u>		
Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc with PVC/neoprene gasket etc. complete as per the architectural drawings and the directions of engineer- in-charge.With float glass panes of 5.5 mm thickness	31.00	Sqm			
Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	41.00	Each			
Providing and fixing PTMT Tower Bolts with 12 mm one piece rod inside and necessary screws etc., complete. 202x42x18 mm weighing not less than 78 gms	41.00	Each			
Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in- Charge. Polyester powder coated minimum thickness 50 micron aluminium tubular handle bar	12.00	Each			
Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-incharge Anodized (AC 15) aluminium.	35.00	Each			
Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	6.00	Each			
Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete	7.00	Each			
EL WORK					
Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	370.00	Kg			
	Upgradation of Govt. Ayurveda Thiruvanathapur Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc with PVC/ncoprene gasket etc. complete as per the architectural drawings and the directions of engineer- in-charge. With float glass panes of 5.5 mm thickness Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Providing and fixing PTMT Tower Bolts with 12 mm one piece rod inside and necessary screws etc., complete. 202x42x18 mm weighing not less than 78 gms Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in- Charge. Polyester powder coated minimum thickness 50 micron aluminium tubular handle bar Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-incharge Anodized (AC 15) aluminium. Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete. Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete EL WORK Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat	Upgradation of Govt. Ayurveda Dispens Thiruvanathapuram, Ker Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc with PVC/neoprene gasket etc. complete as per the architectural drawings and the directions of engineer- in-charge.With float glass panes of 5.5 mm thickness 31.00 Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. 41.00 Providing and fixing PTMT Tower Bolts with 12 mm one piece rod inside and necessary serews etc., complete. 202x42x18 mm weighing not less than 78 gms 41.00 Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS serews etc. complete as per direction of Engineer-in- Charge. Polyester powder coated minimum thickness 50 micron aluminium tubular handle bar 12.00 Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-incharge Anodized (AC 15) aluminium. 35.00 Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete. 6.00 Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete 7.00 EL WORK	Upgradation of Govt. Avurveda Dispensarv, Kur Thiruvanathapuram, Kerala state Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc with PVC/ncoprene gasket etc. complete as per the architectural drawings and the directions of engineer- in-charge. With float glass panes of 5.5 mm thickness 31.00 Sqm Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. 41.00 Each Providing and fixing PTMT Tower Bolts with 12 mm one piece rod inside and necessary screws etc., complete. 202x42x18 mm weighing not less than 78 gms 41.00 Each Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc. complete as per direction of Engineer-in- Charge. Polyester powder coated minimum thickness 50 micron aluminium tubular handle bar 12.00 Each Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-incharge Anodized (AC 15) aluminum. 35.00 Each Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete. 6.00 Each Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete 7.		

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	Upgradation of Govt. Ayurveda Dispensary, Kunnathukal,						
26	Thiruvanathapu Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts,fasteners etc.).	20.00	Kg				
27	Providing corrugated Aluminum sheet (0.5mm thk)roofing including vertical / curved surfacefixed with polymer coated J or L hooks, bolts and nuts 8 mm diameterwith bitumen and G.I. limpet washers or with G.I. limpet washers filledwith white lead, including a coat of approved steel primer and two coatsof approved paint on overlapping of sheets complete (up to any pitch inhorizontal/ vertical or curved surfaces), excluding the cost of purlins, raftersand trusses and including cutting to size and shape wherever required.1.00 mm thick with zinc coating not less than 275 gm/m ²	105.00	Sqm				
28	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes embedded inside the RC columns/masonry in position with all necessary specials like shoes , bends or any other specials required to suit site conditions etc., jointed with wavin cement and lubricants with necessary MS clamps,brackets ,bolts and nuts all complete as directed. 110mm dia-6kg/sq.cm"	22.00	RM				

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Upgradation of Govt. Ayurveda Dispensary, Kunnathukal,					
<u>Thiruvanathapur</u>	am, Ker	<u>ala state</u>	-		
FALSE CEILING					
 Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30mm thick (minimum) sheet, 1200 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be prepainted with polyester paint, all complete for all heights as per specifications, drawings and as directed byEngineer-in-charge.12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit. 	55.000	SQM			
WALL TILE					
 Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, 	8.00	Sqm			

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	Upgradation of Govt. Ayurveda	Dispens	ary, Kunr	athukal <u>,</u>		
	Thiruvanathapur					
	shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm,including pointing in white cement mixed with pigment of matching shade complete.					
FLO	OR TILE					
31	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600x600 mm	57.00	SQM			
32	Providing and laying rectified Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigments etc., complete.	3.00	Sqm			
33	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm	2.00	Sqm			
34	Chequered terrazo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the	3.00	Sqm			

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	shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) : Dark shade pigment using ordinary cement					
PAI	NTING					
35	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	110.00	Sqm			
36	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	145.00	Sqm			
37	Finishing walls with Acrylic Smooth exterior paint of required shade : (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	145.00	Sqm			
38	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	50.00	Sqm			
WA	TER SUPPLY & SANITARY WORKS					
39	Providing and fixing Stainless Steel A ISi 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x460 mm bowl depth 200 mm	1.00	Each			
40	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:	4.00	Each			
41	Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia	4.00	Each			
42	Providing and fixing PTMT Waste coupling for wash		Each			

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	basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm breadth, weighing not less than 45 gms.	4.00		
43	Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C.flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming to IS : 7231, with all fittings and fixturescomplete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	2.00	Each	
	Providing and fixing gun metal gate valve with C.I.			
44	wheel of approved quality -25 mm nominal bore	2.00	Each	
45	Providing and fixing PTMT grating of approved quality and colour. Rectangular type with openable circular lid 150 mm nominal size square 100 mm diameter of the inner hinged round grating.	2.00	Each	
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc			
46	20mm nominal outer dia Pipesv	25.00	М	
47	25mm nominal outer dia Pipes	25.00	М	
48	32mm nominal outer dia Pipes	25.00	М	
49	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in charge.	2.00	Each	
50	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore each	3.00	Each	
51	Providing and fixing soil, waste and vent pipes :100 mm dia Sand cast iron S&S pipe as per IS: 1729	20.00	М	

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	Sub Total (Civil Works)				
	Electrical Work				
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point				
	with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group C	21	Point		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + $1X1.5$ sq.mm earth wire	90	Metre		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	0	Metre		
c	2X4 sq.mm + $1X4$ sq.mm earth wire	0	Metre		
	· · · ·				
3	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.				
a	2 Pair	0	Metre		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)	1	Point		

SECTION XIA						
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5	Modular type blanking plate:					
	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	2	Each			
6	Modular boxes, bases & cover plate: Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)					
a	2 module	0	Each			
b	3 module	0	Each			
c	4 module	0	Each			
d	6 module	14	Each			
e	8 module	0	Each			
f	12 module	2	Each			
	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL)					
a	5/6 Amps switch	26	Each			
b	3 pin 5/6 Amp socket outlet	26	Each			
с	15/16 Amps switch	0	Each			
d	6pin 15/16 Amps (universal) socket outlet	0	Each			
e	Telephone socket outlet	0	Each			
8	S/F PVC conduit:					
	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make)					
a	20 mm	45	Metre			
b	25 mm	0	Metre			

	SECTION	XIA			
	Upgradation of Govt. Ayurveda	Dispens	ary, Kur	nathuk	al,
	Thiruvanathapu				
	Installation Testing & Commisioning				
9	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	6	Each		
10	ITC Ceiling fan/Wall fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.	11	Each		
11	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	9	Each		
12	LAYING OF CABLES				
	CABLE LAYING Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
а	FROM Mains TO DB				
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	0	Metre		
13	END TERMINATION				
	Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required.				
	2 X 4 sq. mm $+ 1 X 4 $ sq. mm earth wire	0	Each		
15	S/F of SPN MCB PDB				
	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				

	SECTION XI A										
	Upgradation of Govt. Ayurveda Dispensary, Kunnathukal,										
	Thiruvanathapuram, Kerala state										
а	6 way Double door, horizontal type	2	Each								
b	16 way Double door ,horizontal type	0	Each								
С	12 way Double door ,horizontal type	0	Each								
16	S/F OF SP MCB										
	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive										
	load of following poles in the existing MCB DB complete with										
	connections, testing and commissioning etc. as required.										
	6/32 A SP MCB	6	Each								
17	S/F DP ISOLATOR										
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)										
	40 A	2	Each								
18	S/F DP RCCB Supplying and fixing following rating, double pole,										
	(single phase and neutral), 240 V, residual current circuit breaker (RCCB),										
	having a sensitivity current 30 mA in the existing MCB DB										
	complete with connections, testing and commissioning etc. as required.										
	25 A	0	Each								
19	EARTHING										
	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with										
а	cover plate having locking arrangement and watering pipe etc. with charcoal/	2	Set								
	coke and salt as required.										

	SECTION XI A										
	Upgradation of Govt. Ayurveda Dispensary, Kunnathukal,										
	Thiruvanathapuram, Kerala state										
b	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	18	Metre								
1.1	Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS)	6	Each								
1.2	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	2	Each								
1.3	Supply and installation of wall fan, white colour, 5 star rated as per BEE complete with blades, casing , wall mounting accessories etc(Make Havells/bajaj/usha/V- guard/crompton)	2	Each								
1.4	Supply and installation EXHAUST FAN,SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	1	Each								
2	Miscellaneous Items										
2.1	Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from exisitng DB	1	LS								
3	CABLE SUPPLY										
	Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/Glostar/Nicco/Finolex/Polycab)										
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire (3 Nos. of 4 Sq.mm wire)	0	Metre								
4	Supply and Fixing of following rated , inverter Air conditioner with all the accessories and make, wall mounting and pointing with 4 sq.mm copper wire for neutral and phase. The make of the outdoor unit should have provided with weather proof sheild. AC must be a make of minimum 5 Star. MAKE (HITACHI)										

SECTION XI A								
Upgradation of Govt. Ayurveda Dispensary, Kunnathukal,								
<u>Thiruvanathapuram, Kerala state</u>								
Air conditioner split type 5 Star rated , no special color code, Two ton.(2 Ton 5 Star Split (RMB524IAEA)	1	Each						
Sub Total (Electrical)								
Total (Civil & Electrical)								
GST @ 18%								
Grand Total (Inclusive of GST								

I agree to complete the work as per the schedule at the rate quoted by me as above.

Date:

BIDDER