

NAME OF WORK :Proposed Multipurpose Hall Renovation At Swarnim Cultural Center Raysan(GMC) Gandhinagar.

DETAIL TECHNICAL SPECIFICATION

Item no.	1
GYPSUM CEILING	
1.0	Specifications
	<p>Supplying and Fixing of Suspended ceiling system components which includes Single Layer Boarding with 12.5mm thick USG Boral Standard Plasterboard This includes of USG Boral Thundersteel Perimeter Channel (0.50mm thick having one flange of 20mm and another flange of 30mm and a web of 28mm) screw fixed to brick wall/partition with the help of approved screws at 600mm centers. Then suspending of USG Boral Thundersteel Intermediate channel (45mm x 0.90mm thick with two flanges of 15mm each) from the soffit at 1220mm centers with of USG Boral Thundersteel Ceiling Angle (25x10mmx0.50mm thick) fixed to RCC Slab with of USG Boral Soffit Cleat (37x27x25x1.6mm thick) and 8mm dia 40mm long Anchor Fastener @ 600mm Centers, respectively. USG Boral Thundersteel Ceiling Section (having web of 51 mm and two flanges of 27mm each) are then fixed to the of USG Boral Thundersteel Intermediate channel with the help of connecting clip (2.6mm Dia) and in perpendicular direction to the USG Boral Thundersteel intermediate channel at 457mm centers. USG Boral Thundersteel profiles are rolled with AZ Steel (150 GSM & 310 MPa Yield Strength) having base metal conforming to IS 513:2016 as per IS 15961:2017/ AS 1397:2001).12.5mm thick USG Boral Standard Plasterboards (confirming to IS 2095 Part 1) is screw fixed with 25mm long Drywall screws at 230 mm centers. The screw fixing of gypsum boards to the metal framing at the periphery, openings and cut edges should be at 150mm centers.All the Gypsum boards must be staggered. All joints to be taped & finished with USGBORAL Paper tape & All-Purpose Joint Compound confirming to ASTM C475. Material certificate to be provided by company. and approved surface design in suspended grid with all material, making of coves for indirect lighting ,grooves,cutting and labour,scaffolding, and as per instruction of engineer and as per detailed drawing & image as directed by the Architect and as approved by the Engineer in Charge.</p>
2.0	Materials
1	12.5 mm tk board
2	45 mm channels in framing grid of 450 x 450 mm ,screws,necessary taping and fastners
3	ceiling charge with framing of approved quality (material/labour/tax/scaffolding)
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
2	rate is including vertical padpa and any cove light no extra rate will be given
4.0	Mode of measurement & Payment
1	measurement of ceiling shall be considered from finished level to finished level
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a unit of One Square meter basis including wastage and no extra charge for making gooves and coves in 3 steps and cutouts like ac grill

Item no.	2
SLETO ACOUSTIC PANEL FOR CEILING	
1.0	Specifications
	<p>Providing and fixing ceiling acoustical paneling Fixing with Sound Strut screw fixed horizontal/vertical to wall at every 600mm c/c. Metal cleat can be fixed on top edges of Sound Strut Ceiling Section 55 fixed directly by stamping to the CS55 and Intermediate Channel-91 which is screw fixed directly to the wall where ever required and using Rock wool between framing and panel with technical specification of 50 Kg Density and 50MM thick glass wool and above CS55 fixing aluminum / GI channel with clip and fixing ecotone Sletto Acoustic</p> <p>Panel make Sletto EPD2 10-10 or as per selection as per architect of size 1200mmx2400mmx16mm thick up to 2400mm high as per the following specification :- Sletto EPD2 10-10 - 10mm hole with 10mm gap and center to center distance of 110MM in equal stagger manner, 1200 x 2400 x 16mm high grade MDF wood base Medium Density Fiber acoustic boards with Tongue & Groove Edge, 2mm slot perforation @ 16mm centre, slates perforations, The acoustic should be furnished with a Black absorbent felt backing with an airflow resistance of 330-460 Ns/m³ (DIN 53887), wood practical core, NRC :should be Up to 0.75, should meet the safety requirements of EN14190. The colour of panel as approved by Architect and as specified and complete with all material, making of coves and cutouts for ac grills, labour & scaffolding with all lead, lift and transport. and finished and complete the work satisfactorily as per instruction of architect or Engineer-in charge., material & labour complete as directed by Architect / Engineer – in – charge. BRAND (AMAZON, ARMSTRONG, ECOTONE) BASIC RATE 375 SQFT INCLUDING ALL MATERIAL</p>
2.0	Materials
1	high grade MDF wood base Medium Density Fiber acoustic boards with Tongue & Groove Edge
2	Black absorbent felt backing with an airflow resistance
3	4mm dia galvanized rod & height adjustment powder coated spring steel clips at maximum 1.2 to 1.5 meter centre to centre. The 4mm dia galvanized rod shall be fixed to slab by forming one end "J" shape with roll inserts. Baffle Panel Jointer, Baffle End Cap, Baffle Top Cap, Suspension Clip and Suspension wire 4 mm.
4	Black absorbent felt backing with an airflow resistance
5	Edge profile shall be L- shaped
6	50 mm rock wool
7	Installation & cutting charges
3.0	Workmanship
1	entire work to be carried out as per drawings, instructions and supervision of the architect
2	including vertical padpa and cove light no extra rate will be given
4.0	Mode of measurement & Payment
1	measurement of panelling shall be considered from visible finished floor to finished level only
2	<p>The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials, fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.</p> <p>No Extra payment will be given for any of the reasons.</p> <p>The rate shall be for a unit of One Square meter basis INCLUDING WASTAGE and cutouts like ac grill</p>

Item no.	3
WOODEN CEILING	
1.0	Specifications
	Providing and fixing of wooden ceiling using 12 mm ply of brand greenply ecotech mr,century sainik mr,archiply etc, , aluminium channel & pipe(50 x 25 mm) for framing and suspension, screws etc. including all vertical support and all vertical surfaces from ceiling,necessary hardwares,75mm anchor fastners and complete with all material, making of coves and cutouts for ac grills ,labour & scaffolding with all lead, lift and transport. and finished and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	Aluminium Pipe for frame work (2"X1") of approved quality
2	Aluminium Angle for frame work (1"X1") of approved quality
3	Hardware (Nail/Screw) of approved quality and fastners,scaffolding
4	12 MM PLYWOOD of brand greenply ecotech,mr saras,archidply
5	Termite treatment on both side of plywood
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
2	including vertical padpa and cove light no extra rate will be given
4.0	Mode of measurement & Payment
1	measurement of wooden ceiling shall be considered from finished floor to finished ceiling level
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a unit of One Square meter basis including wastage including cutouts like ac grill
Item no.	4
CEMENT SHEET CEILING	
1.0	Specifications
	Providing and fixing of cement ceiling using 10 mm cement sheet of brand T.P.I,SHERA (single sides), etc. using aluminium framing of 25mm x 50mm x 1 mm in 600 x 600 mm grid,and same pipe for vertical framing, including all hardware item, aluminium L clits, 25 mm powder coated self drilling screws,groove (if shown) with all material, 75 mm anchor fastners,making of coves for indirect lighting, grooves,cutting ,labour,SCAFFOLDING, lead and wastage etc. complete. And Finished with satin finish wall color and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	Aluminium Pipe for frame work (2"X2") of approved quality
2	Hardware (Nail/Screw) of approved quality
3	10 MM cement sheet of brand TPI or SHERA and fastners including scaffolding
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a unit of One Square meter basis

Item no.	5
G.I SOLID BAFFLE CEILING	
1.0	Specifications
	<p>Providing and fixing of SOLID G.I metal baffles on ceiling or wall of Galvanized Iron Baffle Panel OF 50 mm x 100 mm with center to center distance of 100 mm between two baffles,like brand KAUNF ARMSTRONG ,ULTRASIL,HUNTER DOUGLUS etc.All Baffles should be Coil coated and shall be chromitized for maximum bond between metal and paint, enamelled twice under high temperature, one side with full primer and finish coat, the other side (Inner side) with a primer coating and skin coat on continuous paint line or Powder coated panel shall be 50 microns thick on exposed surface.,Carrier shall be 20mm wide at bottom and 42 mm deep with cutouts to hold the panel in a module of 150 mm, carrier shall be roll formed out of 0.45 mm Galvanized steel and cut to a standard length of 2.4 mtr. When two or more carriers are to be joined, they shall be joined together by means of carrier coupler which will clip on to the holes in the sides of the cut carrier and hold them firmly in place while maintaining the module of 150mm centre to centre.suspended with G.I Baffle carrier 45 mm x 32 mm x 0.5 mm , The carrier shall be suspended from slab/truss by 4mm dia galvanized rod & height adjustment powder coated spring steel clips at maximum 1.2 to 1.5 metercentre to centre. The 4mm dia galvanized rod shall be fixed to slab by forming one end "J" shape with roll inserts.Baffle Panel Joints ,Baffle End Cap , Baffle Top Cap , Suspension Clip and Suspension wire 4 mm. WOODEN SHADE Color of baffle to be selected based on architect's suggestion.Edge profile shall be L- shaped, roll formed out of 0.5mm Galvanized steel / aluminium strips with coil coating or powder Coating in standard colors.(wooden shade) with black shade glass fibre/fabric behind , 50 mm rock wool for sound insulation INCLUDING ALL NECESSARY M.S FABRICATION scaffolding,all hardwares, and anchor fastners and complete the work satisfactorily as per instruction of architect or Engineer-in charge. BRAND (KAUNF ARMSTRONG,ULTRASIL,HUNTER DOUGLUS) BASIC RATE 360 SQFT INCLUDING ALL MATERIAL</p>
2.0	Materials
1	WOODEN FINISHED 50 mm x 100mm x 0.5 mm thickness baffles
2	Carrier shall be 20 mm wide and 42 mm deep with cutouts
3	glass fibre behind & all other hardware
4	suspension wire Of 4mm thickness
5	all necessary ms fabrication work including scaffolding and fastners
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement of baffles shall be considered from finished lvl to finished level only
2	<p>The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.</p> <p>No Extra payment will be given for any of the reasons.</p> <p>The rate shall be for a unit of One Square meter basis including wastage</p>

Item no.	6
GLASS PARTITION WITH FILMWORK	
1.0	Specifications
	Providing and fixing of full height glass partitions (AS PER DRAWINGS) using patch fitting / 25 or 50 mm U-channels with powder coating , 12mm clear toughned glass,film work as per drawing including all hardware items,silicon,etc with all material, labour,cutouts,edge polish , lead and wastage etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	Hardware (Nail/Screw/silicon/U Channel/EPDM gasket etc) of approved quality
2	12 MM GLASS TOUGHED of AIS,sain gobain or modiguard with edge polish
3	18 to 25 mm black u channel as per detail
3	Frosted film as per selection,including cutwork
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement of glass partitions shall be considered from finished floor to finished ceiling level only
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis
Item no.	7
ABOVE CEILING PARTITION	
1.0	Specifications
	Providing and fixing of above ceiling partitions (AS PER DRAWINGS) using 75 mm x 50 mm x 1 mm aluminium pipe for framing,with ghana wood infill etc. including all hardware item, with all material, labour, lead,scaffolding and wastage etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	1 mm Aluminium Pipe for frame work (3"X2") of approved quality
2	teak wood/ ghana wood framing at ends or infills in aluminium section
3	Hardware (Nail/Screw) all anchor fastners
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement of partitions shall be considered from finished floor to finished ceiling level only
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries,scaffolding etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a unit of One Square meter basis

Item no.	8
WOODEN PARTITION	
1.0	Specifications
	Providing and fixing of full height solid sandwich partitions (AS PER DRAWINGS) using 50 x 50 mm aluminium pipe for framing (minimum grid size of 600 mmx 600mm), 12mm ply (both sides) of brand greenply ecotech mr, century sainik mr, archiply etc, teak wood beading patti etc. making of rebates and including all hardware items, groove (if shown) with 50 MM TK , glass wool 24 kg density insulation required, with all materials, hardware, ss or powdercoated screws, labour, lead and wastage, scaffolding etc. complete. And Finished with different materials, and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	Aluminium Pipe for frame work (50mmX50mm) of approved quality
2	Ghana Bidding Patti 1 1/2" x 3/4"
3	12 MM PLYWOOD of brand greenply ecotech, mr saras, archidply
4	Hardware (Nail/Screw), adhesives (Fevicol marine grade) of approved quality
5	Termite treatment on both side of plywood
6	50 MM TK, SYNTH PF, 24 KG DENSITY INSULATION
3.0	Workmanship
1	entire work to be carried out as per drawings, instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement of partition shall be considered from finished floor to finished ceiling level only
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials, fixtures, joineries, scaffolding etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis

Item no.	9
SINGLE GLASS DOOR SIZE(APPROX SIZE OF 0.90 X 2.45)	
1.0	Specifications
	Providing and fixing of 12 mm tk toughned GLASS DOORS using Dorma XI-C 4001 Glass Door PKG EN 3 (Top Patch-1, Bottom patch-1, Floor Spring-1, Corner Lock-1); Dorma XI-C 4003 A Patch fitting for overpanel and sidelight; Dorma XI-C 4004 A Connector for overpanel and Sidelight; Dorma XI-C 4008 Side Connector; Dorma XI-C 3000 H Type Handle 400x22 CTC 300 AND AS PER DRAWING including all accessories,locks, material, silicone,labour,installation, Hole & slote charges etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	12 MM GLASS TOUGHNED with Edge Polish
2	SLOTE & hole in 12 MM GLASS TOUGHNED as required
3	Dorma XI-C 4001 Glass Door PKG EN 3 Top Patch-1, Bottom patch-1, Floor Spring-1, Corner Lock-1
4	Dorma XI-C 4003 A Patch fitting for overpanel and sidelight
5	Dorma XI-C 4004 A Connector for overpanel and Sidelight
6	Dorma XI-C 4006 Central Connector
7	Dorma XI-C 4008 Side Connector
8	Dorma XI-C 3000 H Type Handle 400x22 CTC 300
9	Frosted film as per selection,including cutwork
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement of DOOR shall be considered per no basis (WITH GLASS SIZE TOLERANCE (PLUS OR MINUS)OF 200 MM IN WIDTH OR HEIGHT)
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries,transport,FITTING CHARGE, cutting of flooring tiles or granite etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit basis, including wastage

Item no.	10
SINGLE DOOR SIZE(APRROX SIZE OF 1.20X2.45) WITH FIXED GLASS TOP(APRROX SIZE OF 1.20 X 0.75 to 1.05)	
1.0	Specifications
	Providing and fixing 12 mm tk of toughned GLASS DOORS using Dorma XI-C 4001 Glass Door PKG EN 3(Top Patch-1, Bottom patch-1, Floor Spring-1, Corner Lock-1); Dorma XI-C 4003 A Patch fitting for overpanel and sidelight; Dorma XI-C 4004 A Connector for overpanel and Sidelight; Dorma XI-C 4006 Central Connector; Dorma XI-C 4008 Side Connector; Dorma XI-C 3000 H Type Handle 400x22 CTC 300 , AND AS PER DRAWING including all acceessories, locks,material, silicone,labour,installation, Hole & slote charges etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	12 MM GLASS TOUGHNED with Edge Polish
2	SLOTE & hole in 12 MM GLASS TOUGHNED as required
3	Dorma XI-C 4001 Glass Door PKG EN 3 Top Patch-1, Bottom patch-1, Floor Spring-1, Corner Lock-1
4	Dorma XI-C 4003 A Patch fitting for overpanel and sidelight
5	Dorma XI-C 4004 A Connector for overpanel and Sidelight
6	Dorma XI-C 4006 Central Connector
7	Dorma XI-C 4008 Side Connector
8	Dorma XI-C 3000 H Type Handle 400x22 CTC 300
9	Frosted film as per selection,including cutwork
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement of DOOR shall be considered per no basis (WITH GLASS SIZE TOLERANCE (PLUS OR MINUS)OF 200 MM IN WIDTH OR HEIGHT)
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries,transport,FITTING CHARGE, cutting of flooring tiles or granite etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit basis, including wastage

Item no.	11
REFURBISHING THE EXISTING DOOR	
1.0	Specifications
	Providing and fitting of 6mm ply & 1mm laminate on both the side (as per drawing & selection) brand greenply ecotech mr,century sainik mr,archiply etc on existing flush door and 25 mm to 50 mm tk teakwood beading patti for liping,framing and ACOUSTICAL PANNEL as per selection, and finishing it with laminate with 3mm x 3mm grooves if shown ,including all material, labour and hardware,125 mm s.s 304 grade hinges,fissure screws with plugs , heavy duty conceal door closer AND FLOOR SPRING , mortise door lock with entire set including cylinder as selected,tower bolt,stopper,colour , REMOVING OF OLD LAMINATE IF APPLIED and polish work as per instructions etc waste of materials, and complete the work satisfactorily as per instruction of architect or Engineer-in charge.[Basic Rate of Laminate : 2400rs./sheet (8' x 4')]
2.0	Materials
1	6,8 MM PLYWOOD of brand greenply ecotech,mr saras,archidply
2	Hardware (Nail/Screw)conceal door closer, floor spring, mortise door lock,tower bolt,stopper,etc of approved quality
3	Teak wood Bidding Patti 1 1/2" x 3/4" of approved quality
4	Framing and ACOUSTICAL PANNEL or laminate
5	Adhesives(fevicol marine),4 NOS 125 mm SS 304 GRADE HINGES PER SHUTTER
6	Termite treatment on both side of plywood
7	5mm glass with film work
7	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from finished outer side to finished side only.
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis including wastage

Item no.	12
TRAP DOOR FOR SERVICES	
1.0	Specifications
	Providing and fixing of TRAPDOOR for ac using TWO SHUTTERS OF 25mm flush door(Made from pine framing AND AS PER DETAIL) for shutter & 18 mm ply for framing and vertical support (AS PER DRAWINGS)of brand door house or equivalent etc,ghana wood beading patti etc. including all hardware items like 4 nos allenkey lock ,stopper, hinges, groove (if shown) with all materials, labour, lead and wastage etc. complete. And Finished with different materials,and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(BASIC AREA OF TRAP DOOR IS 2.40X 2.00 MT (As per Dwg.) = 4.80 sq.m.
2.0	Materials
1	Aluminium Pipe for frame work (2"X2") of approved quality
2	18 MM PLYWOOD of brand greenply ecotech,mr saras,archidply
3	OUTSIDE UNICORE LAMINATE of greenlam,merinolam,or as approved by the architect
4	OUTSIDE REGULAR LAMINATE of greenlam,merinolam,or as approved by the architect
5	sag Bidding Patti for handle 1½"X3/4" of approved quality
6	sag Bidding Patti for handle 1"X3/4" of approved quality
7	Fevicol marine grade
8	Hardware (Nail/Screw/lock) of approved quality
9	HINGES of approved quality
10	Termite treatment on both side of plywood
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from finished visible outer dimentions(in rectangle format including wastage)
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis including wastage

Item no.	13
ACOUSTIC DOOR FOR AUDITORIUM	
1.0	Specifications
	Providing & fixing of teakwood door frame of section 150x65mm along with fire and smoke in tumescent seal strip of size 12mmx4mm for 120 minutes fire rated and rw 35db acoustic door with minimum thickness of 93mm having infill of 50mm thick Knauf make glass wool of 48kg/m3 density sandwiched by two 12mm thick magnesium board (edge to edge on internal hardwood frame) and cladde with 6mm thick commercial ply facing and 3mm sheet rubber interlayer And finished with 1mm thick laminate as per designer and 25mm thick teakwood frame around the door panel as shown in the drawing. The board shall be resistant to vermin, mold growth, minor impact, abrasion and short term water attack and shall be in color as approved by the designer, the door shall have acoustic seal in door rebates and drop dead seal at the bottom of the door, the sound reducing doors also include door closer, door coordinator, panic bar with outside key and handle etcwith all materials, labour, lead and wastage etc. complete. And Finished with different materials,and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	teakwood door frame of section 150x65mm
2	fire and smoke in tumescent seal strip of size 12mmx4mm
3	50mm thick Knauf make glass wool of 48kg/m3 density
4	two 12mm thick magnesium board (edge to edge on internal hardwood frame)
5	sag Bidding Patti for handle 1½"X3/4" of approved quality
6	sag Bidding Patti for handle 1"X3/4" of approved quality
7	6mm thick commercial ply facing and 3mm sheet rubber interlayer And finished with 1mm thick laminate or acosutical pannel as per designer
7	Fevicol marine grade
8	Hardware (Nail/Screw/lock) of approved quality
9	HINGES of approved quality
10	Termite treatment on both side of plywood
11	heavy duty enox sliding floding channel as per selection
12	locks,handle with all material
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from finished visible outer dimentions(in rectangle format including wastage)
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis including wastage

Item no.	14
WOODEN PANELLING	
1.0	Specifications
	Providing and making of ply panelling on Wall & columns using 12mm ply brand greenply ecotech mr,century sainik mr,archiply etc , aluminium pipe for (2" x 1") framing(minimum grid size of 600 mmx 600mm), Ghana bidding patti (1 1/2" x 3/4") with depth upto 450 to 500 mm if required including all material, labour and hardware complete,including scaffolding with 50 mm thick glass wool with 6 to 8 mm perforation in equal distance as per instruction of architect. And Finished with different materials,polish work as per instructions,and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	Aluminium Pipe for frame work (2"X1") of approved quality
2	Ghana Bidding Patti 1 1/2" x 3/4" of approved quality
3	Hardware (Nail/Screw) of approved quality & Adhesives(fevicol marine)
4	12 MM PLYWOOD of brand greenply ecotech,mr saras,archidply
5	Termite treatment on both side of plywood
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement of panelling shall be considered from finished floor to finished ceiling level only
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a unit of One Square meter basis
Item no.	15
MDF FINISH WITH LAMINATE FINISH	
1.0	Specifications
	Providing and fitting 6 MM MDF of 1 mm laminate (as per drawing & selection) of brand greenlam,merinolam,century etc on ply partition with 25 mm x 20 mm teakwood beading patti design on top as per drawing,and 3mm x 3mm bar code pattern grooves if shown, all material, adhesives,polish work in groove ,labour and hardware, waste of materials,polish work as per instructions, complete as per instruction of architect.[Basic Rate of Laminate : 2400rs./sheet (8' x 4')] and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	1 MM outside LAMINATE of greenlam,merinolam,or as approved by the architect
2	6-8 mm mdf sheet
3	Fevicol marine grade
4	groove polish work
5	Hardware (Nail/Screw)
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
2	bar code pattern groove
4.0	Mode of measurement & Payment
1	measurement of laminate finish shall be considered from visible finished floor to finished ceiling level only
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a unit of One Square meter basis

Item no.	16
ACOUSTICAL PANEL FINISH	
1.0	Specifications
	Providing and fitting of acoustic panels with Standard size & thickness of 1220*2420*9mm.of brand Artois,KANUF ARMSTRONG,traquil ,only.IN GRADIENT PATTERN,including synth pf of 24kg density, Panels should have Sound Absorption coefficient (NRC) 0.84. Formaldehyde emission standards of GB18580-2001 class E1, it should be a green material with asbestos-free, non-toxic and tasteless gas under extreme temperature, protecting the ozone layer, non-irritant and recyclable. acoustic panels have to be Fire-resistant as per China standard class B1. Good insulation properties, to prevent transmitting the heat from outdoor to indoor directly as partition or and ceiling, saving 35% of energy, extending the life of air conditioning.including all accessories,synth pf, material,cutting work of approved finishing,adhesives, behind pannel black out paint work on ply , labour etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(Basic rate of PANNEL-135 rs/sq.ft.)
2.0	Materials
1	acoustical polyfibre sheet as per selection & of brand Artois,KANUF ARMSTRONG,ecotone,traquil
2	Fevicol SR998
3	behind pannel black out color on ply or wall
4	Installation & cutting charges
5	cnc work if required
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
2	groove as per detail
4.0	Mode of measurement & Payment
1	measurement of panelling shall be considered from visible finished floor to finished level only
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis INCLUDING WASTAGE

Item no.	17
CARPET FLOORING(CUT PILE)	
1.0	Specifications
	Providing and fixing of approved quality Carpet tile of brand Toli Yutaka,including all accessories, material, labour etc. complete. (Basic rate of Carpet- 150 rs/sq.ft.)Surface should be BCF Nylon 6.6 with Stain Release. Base fabric should be nonwoven polyester with glass fibre and pvc backing. Size of tile should be 500mm x 500 mm x 6mm with a pile height of 3 mm. Area of use shall be heavy commercial. CRI Green Label Plus Certification is GLP9978. Performance specifications include smoke density of less than 450 (ASTM E662), Electrostatic Propensity of 1.1kv (AATCC 134), Surface Flammability passes CPSC FF 1-70 (ASTM D2859), Dimensional Stability as per ASTM D 7570 and delamination strength exceeds backing strength.(Basic rate of CARPET-160 rs/sq.ft.)installation , adhesives,primer work,etc, as per instruction of Architect or Engineer-in charge. BRAND (TOLI,VITOFLOOR,UNITEX,MILLIKEN)
2.0	Materials
1	item as per selection as per tender make
2	Fevicol SR998 or aerobond 44
3	hitlon or pvc sheet
4	
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement of carpet finish shall be considered from visible finished to finished levels only
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a unit of One Square meter basis including wastage
Item no.	18
LAMINATED WOODEN FLOORING INC. ALL	
1.0	Specifications
	Providing and fixing of approved ac4 - ac5 quality 12 mm laminated wooden floor(WITH V-GROOVE) including all accessories, skirting profiles , reducer profiles, corner profiles ,vapour barrier/ hitlon ,material, labour,installation etc. guaranteed for 20 years and class 23 heavy usage oin domestic area.and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(Basic rate of wooden floor- 150 rs/sq.ft.)BRANDS: PARADOR , QUICK STEP , KRONO ORIGNAL GERMANY.
2.0	Materials
1	12 mm WOODEN FLOOR with v-groove
2	border patti ,corner and step profiles & other misc. 5%
3	hitlon or pvc sheet
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement of laminate wooden flooring shall be considered from visible finished lvl to finished level only
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis including wastage

Item no.	19
BEADING PATTI PANNELING	
1.0	Specifications
	Providing and fixing of 38 MM X 38 MM VALSADI TEAKWOOD , as per drawing at VARIOUS distance as per design including pu and 3 SIDE polish work on all sides of patti as per selection including all material, labour, and hardware, waste of materials, etc and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	38 mm x 38 mm valsadi teakwood patti as per drawing and selection
2	pu color 3 side or side which visible from outside
3.0	Workmanship
1	entire work to be carried out as per drawings, instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from visible finished to finished level only
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials, fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One running meter basis
Item no.	20
WALL COLOR - SATIN	
1.0	Specifications
	Providing and applying satin paint of approved quality, company and shade upto finishing (min 3 coats) including lappi and primer work and all material, labour including scaffolding etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge. (Basic rate of SATIN paint- 28 rs/sq.ft.)
2.0	Materials
1	paint of approved brand ici, asian or as per architect selection
2	cleaning the area
3.0	Workmanship
1	entire work to be carried out as per drawings, selection, instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from outer visible finished dimensions.
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials, fixtures, joineries etc. scaffolding & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis including wastage

Item no.	21
PLASTIC PAINT	
1.0	Specifications
	Providing and applying plastic paint of approved quality, company and shade upto finishing (min 3 coats) including all material, labour including scaffolding etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge. (Basic rate of plastic paint- 18 rs/sq.ft.)
2.0	Materials
2.1	paint of approved brand ici,asian or as per architect selection
3.1	cleanning the area
3.0	Workmanship
3.1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
4.0	Mode of measurement & Payment
4.1	measurement shall be considered from outer visible finished dimentions.
4.2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries etc. scaffolding & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis including wastage
Item no.	22
POP PUNNING	
1.0	Specifications
	Providing and fixing of POP Punning and finished by company approved gypsum, taping, lapi, including scaffolding etc. and including grooves as shown in drawing And including satin paint complete with all material, labour with all lead, lift and transport.and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(Basic rate of POP PUNNING WITH TACHA WORK - 22 rs/sq.ft.)
2.0	Materials
1	super fine (brand) material as per selection of architect and making of grooves
2	tacha work
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from finished visible outer dimentions
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,grooves etc. scaffolding & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a unit of One Square meter basis including wastage

Item no.	23
PODIUM TABLE	
1.0	Specifications
	Providing and fixing of MAIN TABLE FOR AUDITORIUM including AND SPEAKER DICE,AND REQUIRED LOGO WORKS ON IT as per drawings and instructions provided, using ply of brand greenply ecotech mr, century sainik mr, srg etc., aluminium pipe for framing and finishing it with 6 MM CORIAN of brand granium,Tranquil,dupont ,and 1mm unicore laminate and 1mm laminate of brand greenlam or selected by the architect (basic rate of unicore laminate is 3000 per sheet and other 1mm laminate is 2000 per sheet, of size 8'0 x 4'0) including all material,m.s fabrication work with powder coating, labour and hardware, nylon leveler foot rubber, waste of materials ,polish work as per instructions etc. and complete the work satisfactorily as per instruction of Architect or Engineer-in charge. (APPROX RUNNING LENGTH OF TABLE IS 1.20 MT.)
2.0	Materials
1	Aluminium Pipe for frame work (2"X2") of approved quality
2	18 MM PLYWOOD of brand greenply ecotech,mr saras,archidply
3	OUTSIDE UNICORE LAMINATE of greenlam,merinolam,or as approved by the architect
4	OUTSIDE REGULAR LAMINATE of greenlam,merinolam,or as approved by the architect
5	sag Bidding Patti for handle 1½"X3/4" of approved quality
6	all corian work and cnc work including installation
7	Fevicol marine grade
8	Hardware (Nail/Screw/lock) of approved quality
9	HINGES of approved quality
10	Speaker dice
11	Logo work
12	Termite treatment on both side of plywood
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect AND IN THE CASE OF MODULAR FACTROY MADE FURNITURE AGENCY HAS TO SUBMIT SHOP DRAWINGS AND GET IT APPROVED FROM THE ARCHITECT INCHARGE
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,,transport and installation etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a per unit basis including wastage

Item no.	24
FLODING TABLE (1.20 X 0.75)	
1.0	Specifications
	Providing and fixing FLODING TABLE ON STAGE of brand as per architects selection,and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(basic rate per piece is 5000/-)
2.0	Materials
1	as per selection of architect
2	floding channel
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	<p>The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries etc. & labour & transportation to complete the work satisfactorily as per instruction of Engineer-in charge.</p> <p>No Extra payment will be given for any of the reasons.</p> <p>The rate shall be for a unit no. basis</p>

Item no.	25
STORAGE UNIT WITH LAMINATE FINISH	
1.0	Specifications
	Providing and Making of Storages (AS PER DRAWINGS) using ply of brand of brand greenply ecotech mr,century sainik mr,srg etc,(thickness as specified)/ sag wood and finished by 1 mm Laminate outside as per selection of brand greenlam,merinolam,formica or 6mm HDF as per drawing, 1mm tk laminate (inside),water pu polish (as shown), drawers, shelves,with profile shutter with glass etc. with all hardware, nylon leveler foot rubber, handles,hinges, locks , magnet and other accessories with all material, installation,labour, lead and wastage,polish work as per instructions etc. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(Basic rate of Inside Laminate : 18 rs./sq.ft. & Outside Laminate : 53 rs./sq.ft.)
2.0	Materials
1	Aluminium Pipe for frame work (¾"X3") of approved quality
2	Ghana Bidding Patti 1 1/2" x 3/4" of approved quality
3	Fevicol marine grade
4	Hardware (Nail/Screw) of approved quality
5	hinges 4" size of approved brand
6	Lock(hafele)
7	18 MM PLYWOOD of brand greenply ecotech,mr saras,archidply
8	12 MM PLYWOOD of brand greenply ecotech,mr saras,archidply
9	8 MM PLYWOOD of brand greenply ecotech,mr saras,archidply
10	1 MM INSIDE LAMINATE of greenlam,merinolam,or as approved by the architect
11	1 MM OUTSIDE LAMINATE of greenlam,merinolam,or as approved by the architect
12	4+4 MM LAMINATED MIRROR SKIRTING(with both side edge polish)
13	Termite treatment on both side of plywood
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect AND IN THE CASE OF MODULAR FACTROY MADE FURNITURE AGENCY HAS TO SUBMIT SHOP DRAWINGS AND GET IT APPROVED FROM THE ARCHITECT INCHARGE
4.0	Mode of measurement & Payment
1	measurement shall be considered from finished visible outer dimentions(in rectangle format including wastage)
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,transport etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis including wastage

Item no.	26
SOFA - 3-SEATER(AUDI)	
1.0	Specifications
	Providing and fixing 3-seater sofa,as per drawings or selection using base WHITE ASH WOOD for framing with molded foam,and high density fom warwick brand rexine(as per architects selection) in sofa upholstery and ss204 grade corner legs with 5 years warranty and instructions provided, and ,and complete the work satisfactorily as per instruction of architect or Engineer-in charge..(appox lenght of sofa is 7'6") BASIC RATE 3400/RN FT.BRANDS : COHUMAN,DVARK,STEARLING
2.0	Materials
1	saal wood for framing
2	zig zag spring and roop weir
3	H.R foam in sat and back
4	Jindal brand rexine as per selection for uphostry
5	304 grade corner legs
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered per unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,transport etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a per unit basis including wastage
Item no.	27
CORNER TABLE & CENTER TABLE (approx 0.60 X 0.60)	
1.0	Specifications
	Providing and fixing center or corner table of brand as per architects selection,with ms base with powder coating and top will be glass or stone as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(basic rate per piece is5500/-)COHUMAN,DVARK,STEARLING
2.0	Materials
1	item as per selection
2	ms frame with powder coating
3	top will be glass or stone as per selection
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect AND IN THE CASE OF MODULAR FACTROY MADE FURNITURE AGENCY HAS TO SUBMIT SHOP DRAWINGS AND GET IT APPROVED FROM THE ARCHITECT INCHARGE
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries etc. & labour & transportation to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons. The rate shall be for a unit no. basis

Item no.	28
PLASTIC CHAIR WITH CUSIONING FOR ALL VISITOR	
1.0	Specifications
	Providing and sulppying plastic chair with cusining of High-grade 100 percent virgin polymers which ensure its longevity,Ergonomically designed plastic chair for home with a lacquered finish, heavy-duty armrest, back and seat cushion made up of velvet upholstery and PU material for maximum comfort as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.Basic rate of chair is 2200/- per chair BRANDS :Supreme Ornate
2.0	Materials
1	item as per selection
2	Cusining of high-grade 100 percent virgin polymers
3	heavy-duty armrest
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect AND IN THE CASE OF MODULAR FACTROY MADE FURNITURE AGENCY HAS TO SUBMIT SHOP DRAWINGS AND GET IT APPROVED FROM THE ARCHITECT INCHARGE
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries etc. & labour & transportation to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a unit no. basis
Item no.	29
DINING TABLE WITH 6 CHAIR	
1.0	Specifications
	Providing and fixing of DINING TABLE with 6 chair of size 1.80 MT DIA using 20 mm nano white stone (basic rate 650 sqft) at top with dhar polish and fabricated base of ms frame with powder coating AS PER SELECTION WITH 6 plastic CHAIRS with cushioning (BASIC RATE 1500) as per drawing or selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	nano white stone with dhar polish
2	fabricated stand as per details or selection
3	rubber bushing below the legs
4	6 nos chair as per selection
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries etc. & labour & transportation to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit no. basis

Item no.	30
ROLLER CURTAIN	
1.0	Specifications
	<p>Providing and fixing of approved quality roller blinds using MARVEL ,phifer fabric of premium grade, with roller tube, bottom bar leveller made of extruded aluminium alloy an Idler, Insert Type- Brackets, PVC chain etc. all complete at all floor and heights as per approved specification. Roller Tube Control, Clutch, Idler Side by side or single Roller Tube of extruded Aluminium 38mm inner dia - 41mm outer dia minimum wall thickness of 1.6mm.</p> <p>Roller blind - roller blind fabric should be made up of 35% FibreGlass, 65% PVC, it should have specific low emissivity treatment and lead free with Greenguard gold certification. It should have 3% to 5% openness, fabric thickness should be 0.43 mm, mesh weight approx 400 gms/ sqmtr. It should cut UV rays, with antimicrobial properties preferably with Microban. The fabirc should be Flame retardant and Lead Free. It should be GreenGuard certified with Gold Standard for low chemical emissions for indoor use. (Basic rate of Roller blinds- 110rs/sq.ft.)including all accessories, material, labour,installation etc..and complete the work satisfactorily as per instruction of architect or Engineer-in charge..</p>
2.0	Materials
1	phifer or marvel fabric of premium grade as per selection of architect
2	single Roller Tube of extruded Aluminium 38mm inner dia - 41mm outer dia minimum wall thickness of 1.6mm.
3.0	Workmanship
1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from outer visible finished dimentions.
2	<p>The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,installation etc. transportation & labour to complete the work satisfactorily as per instruction of Engineer-in charge.</p> <p>No Extra payment will be given for any of the reasons.</p> <p>The rate shall be for a unit of One Square meter basis including wastage</p>

Item no.	31
BACKLIT LOGO	
1.0	Specifications
	(GMC LOGO) : Providing and fixing of BACKLIT LOGO& FULL Name Text (GMC) in LETTERS size of 300 to 450 mm as per design using 10 mm clear Acrylic cut work and fixing 3mm acrylic on top of brand Ptglass,astari etc, 4mm Acp of 0.5 mm tk for profiling,as per detail,3M vinyl with 5 years warranty on fading with all laser and cnc work,including all material,osral led modules including drivers as required with 5 years warranty , labour,all required m.s fabrication,100 mm ss studs for mounting and other hardwares, waste of materials,scaffolding, labour,lead, transport, and installation, etc and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	Acrylic of selected shade of brand Ptglass or astra of thickness 3,5,10
2	3mm acrylic of selected shade will be overpasted on clear or frosted acrylic
3	3M vinyl with 5 years warranty on fading
4	laser cutting with polishing
5	led module with 5 year warranty
5	including cleaning,marking and overpasting
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from finished visible outer dimentions(in rectangle format including wastage)
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a unit of One Square meter basis including wastage
Item no.	32
S.S NAME PLATE SMALL	
1.0	Specifications
	Providing and fixing of 2MM TK S.S 316 GRADE matt finish NAME PLATE with cut work and fixing 3mm acrylic on top or behind of brand Ptglass,astari etc,with all laser and cnc work,and wooden finish back board ,including all material,SCAFFOLDING labour,15 mm ss studs for mounting and other hardwares, waste of materials etc and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(BASIC SIZE OF NAME PLATE 150 MM X 900 MM)
2.0	Materials
1	2 mm thick STAINLESS STEEL of 316 grade plate(sheet) (brushed finished)
2	4mm,10mm acrylic as per selection
3	all vinyl work with all cnc and laser work
4	10,15,25mm ss studs 304 grade
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,,transport and installation etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons.The rate shall be for a per unit basis including wastage

Item no.	33
HANGING LIGHT DECORATIVE	
1.0	Specifications
	Providing & fixing of DECORATIVE HANGING LIGHT with box type aluminium housing ,frosted acrylic at bottom OR CHROME AND METAL WITH BULBS , end caps,hanging strings etc as per selection with 48 watt Tranquil led strips & driver suggested & as directed by EIC/Consultant.and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(BRAND wipro,philipes,jaguar OR EQUIVALENT) BASIC RATE 42500 PER NO
2.0	Materials
1	item as per selection
2	all necessary hardware including labour
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,,transport and installation etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons. The rate shall be for a per unit basis including wastage
Item no.	34
LED COB LIGHT 16-20W (LED Spotlight, 30 Degree Spread)	
1.0	Specifications
	Supplying and erecting LED indoor fittings with LEDs of wattage of 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS : 513 / CRCA polyester powder coated and high U.V & corrosion resistance with diffuser and/ or Polycarbonate optics with company mark / name engraved or embossed. 120 to 300V, Power Factor more than 0.9, THD < 10%, CCT 3000K to 6500K, Uniformity ratio > 0.7, Luminaire efficacy > 85 lumens/watt. LED driver efficiency > 85%. CREE / OSRAM / PHILIPS LUMILEDS / NICHIA / SEOUL / BRIDGELUX (U.S.A) make LED used for luminaire with Lumen output of 600 to 1200 lm. (Each fitting required LM-79 & LM-80 certificates) (C) Square /Circular, Surface / Recessed Mounted Downlight with High Power COB LED as light source provision for spring loaded mounting clips complete. Final Decison is Taken By EIC/Consultant.
2.0	Materials
1	item as per selection
2	all necessary hardware including labour
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,,transport and installation etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge.No Extra payment will be given for any of the reasons. The rate shall be for a per unit basis including wastage

Item no.	35
PAINTING - 24"X24"	
1.0	Specifications
	Providing and fixing of 24" x 24" painting with fibre frame with good quality digital laser printing paper should be 200 gsm and pasting on hard board backing hand painting on canvas as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge. Basic rate of painting is 3500/- per painting
2.0	Materials
1	fibre frame
2	digital printing with 200 gms paper or hand painting on canvas
3	as per selection of architect
3.0	Workmanship
1	entire work to be carried out as per drawings, selection, instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials, fixtures, joineries, transport and installation etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit no. basis
Item no.	36
PAINTING - 36"X36"	
1.0	Specifications
	Providing and fixing of 36" x 36" painting with fibre frame with good quality digital laser printing paper should be 200 gsm and pasting on hard board backing or hand painting on canvas as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge. Basic rate of painting is 6500/- per painting
2.0	Materials
1	fibre frame
2	digital printing with 200 gms paper or hand painting on canvas
3	as per selection of architect
3.0	Workmanship
1	entire work to be carried out as per drawings, selection, instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials, fixtures, joineries, transport and installation etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit no. basis

Item no.	37
PLANTER WITH REAL PLANTS	
1.0	Specifications
	Providing and fixing 13 inch dia planter/pots of frp or plastic including drain tray with real indoor plants as per selection,including 3 feet ht plants of brand seasonal dekor or as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(BASIC RATE OF POT IS RS 1880/-)
2.0	Materials
1	planter / pot of FRP as per selection
2	Real indoor plants as per selection
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries ,transport and installation etc. & labour & transportation to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit no. basis
Item no.	38
PLANTER WITH ARTIFICIAL PLANTS	
1.0	Specifications
	Providing and fixing of 22 inch dia planter/pots of roto moulded plastic with artificial indoor plants as per selection and including artificial plants of 4 feet ht of brand seasonal dekor or as per selection,complete the work satisfactorily as per instruction of architect or Engineer-in charge.(BASIC RATE OF ARTIFICIAL PLANTER IS RS 2900/- AND POT IS RS 1980/-)
2.0	Materials
1	planter / pot of FRP as per selection
2	Artificial indoor plants as per selection
3	
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries ,transport and installation etc. & labour & transportation to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit no. basis

Item no.	39
WALL CLOCK	
1.0	Specifications
	Providing and fixing of 12 to 16 inch dia wallclocks of brand quartz or as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(basic rate of wall clock is rs 1020/-per piece)
2.0	Materials
1	as per selection of architect
3.0	Workmanship
1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries ,transport and installation etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit no .basis
Item no.	40
INDOOR FLOOR MAT	
1.0	Specifications
	Providing and fixing indoor floor matt of brand my floor or as per selection and complete the work satisfactorily as per instruction of architect or Engineer-in charge.(basic size of matt is 1.20 x 0.60 mt)
2.0	Materials
1	as per selection of architect
3.0	Workmanship
1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no. basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries ,transport and installation etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit no. basis

Item no.	41
PVC DUSTBIN	
1.0	Specifications
	Providing & Supplying of 8 to 10 in dia and 12 to 15 inc ht P.V.C. Dustbin of brand cello,pigeon etc. complete as per selection & directed by the Architect and approved by the Engineer in Charge.(BASIC RATE OF DUSTBIN IS RS 722/-)
2.0	Materials
1	as per selection of architect
3.0	Workmanship
1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit no basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries etc.,labour & transportation to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit no basis
Item no.	42
MIRROR FINISH(5mm thick Looking Mirror)	
1.0	Specifications
	Providing and fitting of mirror/glass (as per drawing & approved shade)of brand ais,modiguard,etc on ply panelling / on tile cladding including all material, labour and hardware, cutouts, edge polishes,waste of materials and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	Looking Mirror (material/labour/tax) AIS,sain gobain or modiguard with edge polish
2	silicon or ss studs for installation
3.0	Workmanship
1	entire work to be carried out as per drawings,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement of mirror shall be considered from finished floor to finished ceiling level only
2	The rate shall be consolidated for all above items including wastage. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis

Item no.	43
FLOOR PROTECTOR	
1.0	Specifications
	Providing and fixing of 5 MM FLOOR PROTECTOR as per selection ,taping,removing and cleaning the surface,and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	as per selection of architect
3.0	Workmanship
1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from outer visible finished dimentions.
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,installation etc. transportation & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One Square meter basis including wastage
Item no.	44
SCAFFOLDING	
1.0	Specifications
	Providing and fixing of bamboo scaffolding, for entire project as per requiremnt of the agency with fixing and removing the entire scaffolding after the work completion and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	bamboo scaffolding
2	as per selection of architect
3.0	Workmanship
1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
2	Installation & cutting charges
3	removing the entire scaffolding after the work complete
4.0	Mode of measurement & Payment
1	measurement shall be considered from outer visible finished dimentions.
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,installation etc. transportation & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a per day basis including wastage

Item no.	45
DEEP CLEANNING WORK	
1.0	Specifications
	Providing and cleanning for the enitre AUDITORIUM HALL and other area as well from starting to the end of the project with deep cleaning satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	as per selection of architect
3.0	Workmanship
1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from outer visible finished dimentions.
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,installation etc. transportation & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a per day basis including wastage
Item no.	46
TERMITE TREATMENT IN FLOORING AND WALL	
1.0	Specifications
	Providing and Spraying imidaclopid30.5%sc(primise from bayer)on all conference walls and slab surface before tiling, after that Making 10 mm Holes at the interval of 1'-0"ft at the Junction of floor & Wall & Sides of all wooden frames, pressurizing imidaclopid30%sc(primise from bayer) (approved Chemical for Termite Control by central Insecticide Board, Gov. Of India and recommended by bureau of Indian Standards) [IS 6313 : 1981 Part II – III] in to it & fill it with cement. and complete the work satisfactorily as per instruction of architect or Engineer-in charge.
2.0	Materials
1	entire work to be carried out instructions and supervision of the architect
1	Standards qaulity of Spraying imidaclopid30.5%sc(primise from bayer)
2	including all materials and fixing
3	labour and transport
3.0	Workmanship
1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from outer visible finished dimentions.
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,installation etc. transportation & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a per square meter basis

Item no.	47
Automatic Air Freshener Dispenser With Refill	
1.0	Specifications
	Providing & Supplying of automatic air freshener dispenser with bottle of aroma with batteries . complete as per selection & directed by the Architect and approved by the Engineer in Charge.(BASIC RATE OF AIR FRESHENER IS RS 2500/-)
2.0	Materials
1	dispenser
2	aroma bottle
3	batteries
3.0	Workmanship
1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered from outer visible finished dimentions.
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries,installation etc. transportation & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a per unit basis
Item no.	48
EPOXY	
1.0	Specifications
	Providing & applying Roff Rainbow Tile Mate Epoxy Grout is a three-component epoxy-based tile joint filler.It consists of a resin, a hardener, and a filler.Water-Resistant: This epoxy grout is waterproof, Stain-Free: It resists stains and won't absorb liquids.Crack-Free: The grout ensures minimal water seepage due to its crack-free properties.Chemical-Resistant: It withstands exposure to various chemicals.Hard-Wearing: Designed for durability and longevity.Impervious: Provides a high degree of resistance to abrasion, impact, and shocks. color as per selection & directed by the Architect and approved by the Engineer in Charge.
2.0	Materials
1	as per selection of architect, cleaning , gouting ,taping etc
3.0	Workmanship
1	entire work to be carried out as per drawings,selection,instructions and supervision of the architect
4.0	Mode of measurement & Payment
1	measurement shall be considered for a unit running meter no basis
2	The rate shall be consolidated for all above items. The rate shall include cost of all materials,fixtures, joineries etc. & labour to complete the work satisfactorily as per instruction of Engineer-in charge. No Extra payment will be given for any of the reasons. The rate shall be for a unit of One running meter basis including wastage