

ALEAP -HANDICRAFT EMPORIUM		JJ INFRA CONSULTANTS
SL NO	DESCRIPTION	AMOUNT
1	Wall, Plastering, Painting, Flooring, Racks, Shelves..etc	-
2	Electical fittings & Lightings	-
4	Fire extinguishers & Security cameras	-
5	Air - conditioners	-
6	Plumbing work & Rest room accessories	-
	<b>Total in Rs:</b>	-
	<b>GRAND TOTAL (Supply +Installation)</b>	
	<b>GST EXTRA AS PER ACTUALS</b>	

ALEAF - HANDICRAFT EMPORIUM						
BOQ FOR WALL, PLASTERING, FLOORING....ETC						
SL.	DESCRIPTION	LOCATION	QTY.	UNITs	Rate	Amount
A)	WALL, PLASTERING					
	Dismantling/removing of existing Brick work /Gypsum partitions/existing doors/Flooring/storages / existing Toilet Fixture if any and Gypsum ceiling and other service conduits/race ways to accomadate of Existting design changes and carting away all debris away from site. No additional shall be payable for leads and lifts. Dismantling costs shall include removal of RCC lintels above doors. 9" thk walls. and flooring in patch works about 200 sft, includes chipping and carting away.					
1	Flooring in patch works..includes chipping and carting away.	Flooring	200	Sft	0	0
2	Wall Demolition in structure and in compound wall for entry.	Existing walls	128	Sft	0	0
3	Providing and constructing 9" thk Solid concrete block with 1:3 cement-sand mortar including 1:6 cement- sand plaster on both sides. Include cost of chicken mesh where new wall is in contact with old wall. Include a groove of 4mm x 4mm where ever new wall meets partition / old wall. Wherever wall is constructed on existing smooth finish screed, the surface of the screed shall be hacked rough and watered to ensure adherence of mortar. Plastered surface shall be in line level and plumb ready to receive POP Punning / tiles / other cladding. Cost of wall to include for RCC stiffener 3" thk after every 6th course / 3'3" throughout the running length of the wall. pedestal wall for compound wall at till 5' height on either side of gate.	New Walls	24.725	CFT	0	0
4	Providing and applying 12mm thick Normal Sand Cement Plaster 1:6 over existing Walls / Columns / RCC Surfaces to line level and plumb to smooth finish ready receive POP Punning / or cladding. Cost to include for hacking existing surface for proper bonding all complete inclusive of necessary curing	Existing Wall	86	Sft	0	0
5	House keeping - Need to maintain the site neat and clean and consider 1 time Deep cleaning	Whole site	1920	sft	0	0
B)	FLOORING & WALL TILES					

1	Supply & installation of 600x600mm 12mm thk vitrified tiles of specified size on floor as per design & manufacturer's instruction. Cost to include base mortar [upto 30mm] in ratio 1:4 (1 part of cement to 4 parts of sand) with appropriate slope as per architects instructions & necessary protection after laying. (Cost include 75mm tile skirting and where it is required ply support need to be provide ) Basic rate of the tile -100/Sqft	all, except toilet and pantry	200	Sq Ft	0	0
2	Laying under mentioned tile/slab as dado as per design & manufacturer's instruction. Tiles to be fixed using neat cement plaster on to the wall surface to line and plumb. For Slab cladding the slabs shall be clad on the walls with a back filling of sand cement slurry in stages to ensure proper bonding throughout the surface of the slab. All cladding corners shall have square edge joint with 6mm projection duly polished as instructed by the Architect. 2mm Tile groove to be filled with water proof grout of approved colour by architects.(Cost include tile skirting)					
2.1	Wall dado tiles, basic cost of wall tile is 75.00/sft		100	Sq Ft	0	0
C)	ACCOUNT SECTION CABIN					
1	P/F 50mm thk with GI frame work only, spacing at 600mm C/C vertically Rockwool insulation to be wrapped with RP tissue before installation. Rate inclusive of GI corner beads, hardwood scantelling, all requisite bracing to roof slab and other GI accessories. Qty shall be measured from floor to structural slab as per framework installed.	for future expansion	288	Sq Ft	0	0
2	Ply panelling with frame work in ceiling to support the Artwork/deco		80.00	Sq Ft	0	0
3	Plywood plank Supported on to the partition and ceiling to fix the AC indoor units		0.00	Sq Ft	0	0
D	TOUGHNED GLASS DOORS, WOODEN DOORS, REST ROOM DOORS					

	<p>1. All door closers to be basic door closer</p> <p>2. All fixed glazing with glass to glass joint shall have I sections [proprietary to supplier] and glass to be fixed to I sections with 3M make double sided tape</p> <p>3. Door hardware shall be provided as per manufacturer's specifications based on size of door shutter &amp; weight of door. Operational durability lies with the contractor for number of hinges to be installed per door shutter and the type of door closer based on door typology</p> <p>4. All exposed edges of glass shall be mirror polished as per approval.</p> <p>5. All doorframes and glazing sections shall be either natural anodized or powder coated as per approval.</p>					
1	<p>P/F 8'x8'/False ceiling Height with aluminium frame aluminium door Shutter made with 6 mm thk. Clear float tempered glass on top and Pre laminated board in the bottom . The rate should be inclusive of all hardware, handle, complete with requisite holes for lock.</p>	existing doors	3	Nos	0	0
2	<p>Main Door size - 8'x8' glazed Door on patch fitting - Shutter made with 12 mm thk. Clear float tempered glass with polished edges. The rate should be inclusive of all hardware viz. Patch Set, floor spring etc [Ozone or equivalent], 450 mm SS handle, complete with requisite holes for locks etc.,</p>	Main door	1	Nos	0	0
3	<p>P/F 900 X 2400H solid core flush door shutter [30mm thk] finished with 1mm thk laminate on both sides. Edges of flush door shall be factory finished with 2mm thk PVC edge band matching door laminate as per approval. The rate should be inclusive of all hardware complete including exposed door closure [standard arm], dorset or equivalent locks, hinges [SS ball bearing hinges] &amp; handle. Door to have 450mm long D handle and independent cylindrical lock with thumb turn operation from inside rooms. Include 75mmx50mm Ply door with 1mm laminate finish as per approval. Rate to include making good 6mm x 6mm groove at junction of door frame and partition as per detail.</p> <p>Door Sizes may slightly vary for each room</p>		2	Nos	0	0
4	<p>Ply with lamiante on 3 sides of Glass door opening,panelling around it. 8'x8'x2" thick.</p>	Main door	24	Rft	0	0

5	<p>ROLLING SHUTTER FOR THE MAIN DOOR -  Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 – part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.25mm M.S. laths with 1.25 mm thick top cover including coat of steel primer and 2 or more coats of synthetic enamel paint  Providing and fixing ball bearing for rolling shutters.  size 8'x8'</p>	main door	2	Nos	0	0
E	FALSE CEILING					
1	<p>Gypsum board suspended ceiling with proprietary GI steel suspension system as recommended by mfr (INDIA GYPSUM) frames &amp; accessories, 12.5mm thick gyp board sheets, screws, taping, joint grout finished with priming top coat. The rate shall be inclusive of making cutout for light fixtures, diffusers, grills, slot diffusers, channel lights etc and making good 12x12mm groove at all junctions of gyp bd ceiling w/ walls. Include proprietary GI corner bead as/detail and architect's approval. Note that all exposed vertical surfaces with this same specifications (irrespective of its height) shall be accounted in this item for measurements except cove / pelmet for window blinds / pelmet trough for AV screen. Note that special framing as required for slot lights and slot diffusers shall be included in this cost</p>	entire facility as per design	1920	Sq Ft	0	0
2	<p>Making 150h x 300wmm cove as/detail in gypboard and POP. The rate shall be inclusive of necessary framework, making cutout for light fixtures, bulkheads, internal &amp; external vertical fascia etc. complete. Cove section includes L-Shaped gyp work. Quoted rates shall be both for linear coves</p>	as per design	980	Rft	0	0
3	<p>Trap door: Supply and installation of 500 X 500mm laminated trap door as per approval with base framework from structural slab. Suspension framework shall be out of 50 X 50 solid wood sections. Trap door shall be 12mm thk commercial ply finished with laminate on both sides. Edges of ply shall be finished with 6mm thk wooden lipping as per approval.</p>	as per MEP requirements	4	Nos	0	0

4	Window pelmets (125 x 200) L-shaped in 19mm thk marine ply. Board shall have hardwood lipping, fixed to wall with bracing All internal and visible surfaces of pelmet to be finished with 1mm thk laminate.		0	Rft	0	0
F	SHUTTERS, RACKS, SHELVES, COUNTERS					
1	storage unit/Overhead Storage Units 18" Deep as per drawing details including lighting pelmet, with carcass and shutters made out of 19 thk comm. Ply. Shutters to be finished with 1mm thick approved laminate outside and balancing laminated on inside. Hardware- Lock sets, self-closing hinges, spring loaded shutter latch inside, all cabinet hardware to be kich / dorset or equivalent, complete as per architect's approval. Cost of to include slit at bottom for tissue paper dispensing as shown in drawings		10	Sq Ft	0	0
2	Providing and fixing 2' wide pantry counter of prepolished granite slab top of approved shade on 19m Marine ply Carcass. Provide 100mm high front facia & band above the counter top of same granite slab and necessary cutout for sink. Cutout edges and all exposed edges to be mirror polished. All exposed surfaces of platform to be finished in same granite slab. Cost to include below counter, shelves shutters, drawer units in Marine Ply as per design. Exterior Surfaces to be finished with approved 1mm laminate and all interior surfaces to be with balancing laminate Hardware- Lock sets, self-closing hinges, spring loaded shutter latch inside, all cabinet hardware to be kich / dorset or equivalent, complete as per architect's approval. 6'x2'x2'9"	Pantry Counter	6.0	Rft	0	0
3	Providing and fixing of 4'x3'x2' deep Counter with Cabinet below, in 19mm Commercial Ply finished with approved 1mm laminate finish on exterior, and balancing laminate on all interior surfaces. Hardware- Lock sets, self-closing hinges, spring loaded shutter latch inside, all cabinet hardware to be kich / dorset or equivalent, complete as per architect's approval. Cost inclusive of necessary cutouts for Bins, covered with SS colour coded rims of approx. 150mm dia.	TABLES	7	NOS	0	0
3.1	Tables without storage - 4'x3'x24" deep in ply and lamiante.	TABLES	8	NOS	0	0

4	Reception Table - 6'X3'X2' DEEP WITH SIDE 3'X2'X2'6" long in L shaped profile as per detail with one pedestals. Reception table to be finished in 6mm thk approved corian [Basic rate Rs 700 per Sft] and 1mm thk decorative laminate [Basic rate per sheet - Rs 1800/-] as per design and details. Table top to be finished in approved corian. Carcass for reception table to be out of 19mm thk ply. Cost to include all necessary design features like front face slit, etc.	Reception	1	Nos		0
5	Providing and fixing 3D MDF paneling on existing ply backing, finished with glossy duco paint. All edges to be smoothed with sand paper and matched with the line of backing. Cost of duco paint finish not to be considered. 8'x8'	Reception Backdrop	64	SFT		0
6	Designer storage with LOGO, glass shelves lighting and signage. In ply, glass and lighting. Size - 4'x8'x1'6"deep.		4	SFT		0
7	1'6" deep, full height locker cabinet + Shoe Rack in 19mm commercial ply, finished with approved 1mm laminate finish on exterior surfaces. All internal surfaces to be finished with balancing laminate. Hardware- Lock sets, self-closing hinges, spring loaded shutter latch inside, all cabinet hardware to be kich / dorset or equivalent, complete as per architect's approval. (4'6"x 9')		1	Nos		0
8	providign and fixing of ply box on top and bottom with 12mm thick glass shlevs in the center . glass shelves supported with clips and laminate at the back of unit in designer sheet. lighthis and strip lights as per design. 1'6" deep full height storage in 19mm commercial ply, finished with approved 1mm laminate finish on exterior surfaces. All internal surfaces to be finished with balancing laminate. Hardware- Lock sets, self-closing hinges, spring loaded shutter latch inside, all cabinet hardware to be kich / dorset or equivalent, complete as per architect's approval.	8'x8'x1'6"(d)	64	SFT		0
G	TABLES, CHAIRS, SOFA'S					
1	Supply and installation of Roller blinds including top track and fixing mechanism as per specifications mentioned below. Fabric to be combination of glass fibre and polyester as per manufacturer's standards.					
	Roller blinds	peripheral glazing	64	Sq Ft		0

2	Supply and installation of 2-seater composite leather sofas as per architects selection.	lounge	1	Nos		0
3	Supply and installation of three seater composite leather sofas as per architects selection.	reception	1	Nos		0
4	Supply and installation of approx 450mmx600mm and 600dia center table as per architects selection. Laminate top and SS brushed finish understructure	reception, lounge	0	Nos		0
5	Supply and installation of office chairs with Nylon base with castors, fabric finished seat and mesh back with gas light height adjustment as per selection.	reception, consulting rooms	20	Nos		0
6	Supply and installation of visitor -sled base chairs with fabric seat and back as per approval	consulting room visitors	2	Nos		0
H	<b>PAINTING</b>					
1	Paint on walls and gypboard/POP ceiling including surface preparation, primer then 3 coats of putty , levelling patti and minimum 3 coats of brush and roller finish.	All Walls	1920	Sq Ft		0
a	Type A - Plastic emulsion paint	gypsum ceiling	1960.00	Sq Ft		0
b	Type B - Dark colored Accent Paint with a base coat of oil paint.		0	Sq Ft		0
2	P/F washable wall paper over gypsum partition OR existing wall surface [base rate of wall paper @ Rs 80/- excluding taxes - Per sft].		100.00	Sq Ft		0
3	Supply and installation of SS robe hooks per approval		4	Nos		0
<b>Grand Total</b>						-



Electrical Fittings & Lightings					
ITEM	DESCRIPTION	Qty	Unit	Rate	Amount
	<b>ELECTRIFICATION AND ALLIED WORKS</b>				
<b>1</b>	<b>POWER DISTRIBUTION PANEL</b>				
1.1	Supply, Installation, Testing & commissioning of VTPN DB with following accessories	1.00	Nos.		0
	Metering:-				
	Multifunction Meter (0-500)V, (0-200)A				
	Phase Indication Lamps - 3 Nos.				
	I/c:- 125A ,4P MCCB:- 1 no. WITH SURGE PROTECTION				
	O/g:- 63 A, TPN MCB - 5 nos. , Spare - 2 Nos				
	<b>PART '1' TOTAL CARRIED TO SUMMARY</b>				<b>0</b>
<b>2</b>	<b>DISTRIBUTION BOARDS</b>				
	Providing Lighting / UPS / Power Distribution Boards (Double Door) suitable for 415V, 50 Hz system. Dust and vermin proof having floor / wall mounting cubicle pattern with removable gland plates, with 1 set of 100 amps Copper Bus Bar, Earth and Neutral Link etc as required.				
2.1	UPS DB : (EQUIPMENTS)	1.00	Nos.		0
	I/c:- 63 A DP " D "Curve MCB				
	O/g. 6-32 A SP "D" Curve MCB:- 14nos.				
2.2	AC and RP Power DB :	1.00	Nos.		0
	I/c:- 63 A TPN MCB + 32A 100mA DP ELCB				
	O/g. 6-32 A SPMCB:- 24 nos.				
2.3	Lighting DB:	1.00	Nos.		0
	I/c:- 63 A TPN MCB + 32A 100mA DP ELCB per phase				
	O/g. 10 A SPMCB:- 12 nos.				
2.4	Emergency Lighting DB :	0.00	Nos.		0
	I/c:- 32 A DP MCB				
	O/g. 10 A SPMCB:- 6 nos.				

2.5	Providing, fixing, effecting proper connecting testing & commissioning of 125A, 4P, MCCB (25KA fault level) in a 16SWG CRCA powder coated box complete.	1	Sets		0
2.6	Supply, installation, testing & commissioning of dedicated earth strips of 25x6 mm Cu. Strip on SMC insulator for incoming & outgoing cables for rack / anti-static floor earthing.	0	Sets		0
2.7	Design, supply, installation, testing & commissioning of power indication box having LED indicator for EB or DG power supplied. Box should have necessary connection terminations as requires with wall mounting arrangemetns.	0	Nos		0
2.8	Design, supply, installation, testing & commissioning of multifunction meter box comprises of 1 Sets of 3 phase, 4 wire, 100/5A, Digital flush type Class-I accuracy multifunction meter with dual tariff metering facility . Price shall be inclusive of necessary external contactor requires for D.G power sensing. (Rishabh / Electrex or equivalent)with necessary cable termination & CT's s along with 3 Nos. 100/5A, Class-I, 5VA burden moulded CT's.	0	Nos		0
2.9	Manual Change Over Switch	1.00	Nos		0
<b>PART '2' TOTAL CARRIED TO SUMMARY</b>					<b>0</b>
<b>3</b>	<b>CABLES &amp; TERMINATIONS</b>				
3.1	Supply , Installation of 1100V Grade PVC insulated , PVC sheathed GI wire armored Aluminium/ copper strandard conductor , Cable of following sizes to be laid in on wall complete with dressing saddling clampingetc. Including civil work and required accessories.				
3.1.1	3.5 C X Core 50 sq.mm 1.1 KV Grade Aluminium Armoured Cable Cable	33.00	Mtrs.		-

3.2	End termination of the following sizes of 1100V, aluminium/copper (as per conductor), PVC insulated and sheathed armoured cables with single compression brass cable glands & crimping type Aluminium / Copper lugs, complete with all hardware etc.				
3.2.1	3.5 C X Core 50 sq.mm 1.1 KV Grade Aluminium Armoured Cable	6.00	Nos.		0
3.2.2	4 Core 10 sq.mm 1.1 KV Grade Copper Cable	4.00	Nos.		0
<b>PART '3' TOTAL CARRIED TO SUMMARY</b>					<b>0</b>
<b>4</b>	<b>EARTHING WORK</b>				
4.1	Supplying and fixing following sizes of copper earth strips/cable complete with connections as required.				
4.1.1	1 core 10 sq.mm copper flexible cable for UPS earthing	50.00	Mtrs.		0
4.2	Supply, installation, testing and commissioning of maintenance free chemical earthing with 10 feet rod, 50mm dia, 2mm thick electrolytic grade Cu. Tube filled with chemicals and sealed at both ends and. Tube shall have leaching ports at bottom and 3 vent holes at the top end, lead conductor welded to tube, with back fill and poly plastic pit coverheavy duty type and complete in all respects. ( The installation procedures should be followed as instructed by the Earth Electrode supplier).				
	The product should meet the requirements as per IS:3043 or any equivalent international specification(UL). Chemicals used shall be environmental friendly.	2.00	Sets		0
<b>PART '4' TOTAL CARRIED TO SUMMARY</b>					<b>0</b>
<b>5</b>	<b>LIGHTING &amp; POWER POINT WIRING</b>				

5.1	Point Wiring : Wiring for the following points with 2 x 1.5 sq.mm PVC Insulated,Copper Wire in PVC Conduit complete with 1.5 sq.mm PVC Insulated copper Earth wire including the cost of switches,ckt.wiring from DB to points via switch with all fixing accessories and connection etc. complete.				
5.1.1	One Light Pt. controlled by one 6 Amps Switch.	10.00	Nos.		0
5.1.2	A Set of Two Light Pts. Controlled by one Switch.	10.00	Nos.		0
5.1.3	A Set of Three Light Pts. Controlled by one Switch.	0.00	Nos.		0
5.1.4	A Set of Four Light Pts. Controlled by one Switch.	3.00	Nos.		0
5.1.5	A Set of Five /Six Light Pts Controlled by one Switch.	0.00	Nos.		0
5.1.6	One Point controlled by switch for emergency lighting	5.00	Nos.		0
<b>PART '5' TOTAL CARRIED TO SUMMARY</b>					<b>0</b>
<b>6</b>	<b>POWER SOCKET &amp; SWITCHES</b>				
	Supply,Installation, testing, commissioning of follwing feeders for Incomimg/ outgoing in MS sheet box, power sockets etc. All the sockets should be provided with MS/PVC back box front plate and fixing Acessories				
6.1	3 nos. of 6A power sockets contrlled by 1 no. of 16 A switch	5.00	Nos.		0
6.2	1 nos. of 16 A power socket contrlled by 1 no. of 16 A switch with indicator (RAW POWER)	20.00	Nos.		0
6.3	2 nos. of 16 A power socket contrlled by 2 no. of 16 A switch with indicator	20.00	Nos.		0

6.4	1no. of 6 A power sockets controlled by 6A switch	20.00	Nos.		0
6.5	Supply and installation of a set of 1 nos. 16A moulded socket with surface/recessed mounted 3-Pin socket outlet with 16A SP MCB complete with male/female (for AC sockets)	10.00	Nos.		0

	<b>PART '6' TOTAL CARRIED TO SUMMARY</b>				<b>0</b>
<b>7</b>	<b>SUBMAINS CIRCUIT WIRING</b>				
7.1	Supply and laying of 3 x 1.5 sq.mm. FRLS PVC insulated flexible wires laid in PVC/ conduits Including civil work and required accessories spacers, clamps and hardware etc.	300.00	Mtrs.		0
7.2	Supply and laying of 2 x 2.5 sq.mm. + 1 x 1.5 sq.mm PVC insulated , PVC sheathed copper flexible wires laid in PVC conduits Including civil work and required accessories spacers, clamps and hardware etc.	250.00	Mtrs.		0
7.3	Supply and laying of 3C x 2.5 sq.mm. FRLS PVC insulated , copper flexible wires laid in PVC conduits Including civil work and required accessories spacers. clamps and hardware etc.	100.00	Mtrs.		0
7.4	Supply and laying of 3C x 4.0 sq.mm. FRLS PVC insulated , copper flexible wires laid in PVC conduits Including civil work and required accessories spacers, clamps and hardware etc.	50.00	Mtrs.		0
7.5	Supply and laying of 3 R x 10.0 sq.mm. PVC insulated , PVC sheathed copper flexible wires laid in PVC conduits Including civil work and required accessories spacers, clamps and hardware etc.	0.00	Mtrs.		0
	<b>PART '7' TOTAL CARRIED TO SUMMARY</b>				<b>0</b>
<b>8</b>	<b>LIGHT FITTINGS,EXHAUST FANS ETC.</b>				
8.1	15W LED ,recess mounting downlighter with Drive complete Make :Philips	20.00	Nos.		0
8.2	12W LED ,recess mounting downlighter with Drive complete Make :Philips	0.00	Nos.		0
8.3	9W LED ,recess mounting downlighter with Drive complete Make :Philips	0.00	Nos.		0

8.4	Supply and fixing of Square 36W - slim panel made of MS body with powder coating. Each is provided with PCB Mounted with 2835-02w led with beam angle of 120 Deg. Completer as per design. 597x597x36.	16.00	Nos.		0
8.5	LED Rope light with driver and fixing accessories. Colour of rope light would be approved by client.	300.00	Mtr		0
8.6	Designer light fixture pendent type . Basic rate INR -4100. Has to be as per the architect /client approval .	8.00	Nos		0
8.7	Supply & Installation of 225 mm single phase exhaust fans with mounting frame etc. complete. Make:- Usha, Crompton, Bajaj, Khaitan or equivalent.	4.00	Nos		0
8.8	Supply & Installation of bracket fan 400 mm sweep,oscillating type with all fixing accessories,blades etc. complete. Make:- Usha, Crompton, Bajaj, Khaitan or equivalent.	12.00	Nos		0
<b>PART '8' TOTAL CARRIED TO SUMMARY</b>					0
<b>9 DATA,VOICE &amp; AV</b>					
1	Supply & laying RG6 Co-axial cable in existing conduits for TV network.	50	RM		0
2	Supply, fixing, effecting proper connection, testing and commissioning of Co-axial socket outlets in suitable size of GI box for TV network.	1	No.		0
3	Supply, installation, testing & commissioing of UTP CAT-6 Cable in existing conduit.	1	BOX		0
4	Supply, installation, testing & commissioing of UTP CAT-6 I/O suitable to fix in face plate or inside exiting patch panel.	1	Nos.		0
5	Supply, installation, testing & commissioing of following CAT-6 or RJ-45 face plate:				0
i.	1 Node	6	Nos.		0
ii.	2 Node	0	Nos.		0

iii.	4 Node	0	Nos.		0
6	Wall mounted front openable 12U data rack with detachable front lockable door along complete with built-in power strip & ventilation fan along with all other fixing accessories.	1	Set		0
7	24 Port rack mountable straight unloaded patch panel suitable for install in above IT rack.	1	Set		0
8	Supply, installation, testing & commissioning of 2 Pair 0.61mm Tele cable in existing conduit.	100	RM		0
9	Supply & Installation of RJ 11 Telephone jack	4	Nos.		0
10	Supply, installation, testing & commissioning following krone tele patch in lockable wall mounted cabinets				
i.	10 Pair Tele tag box	1	Set		0
ii.	20 Pair Tele tag box	0	Set		0
11	Supply, installation, testing & commissioning of VGA port with necessary modular face plate & back-box with cable terminations. (Price shall be inclusive of necessary VGA cable of approx. 8.0 Meter in necessary conduits as require)	0	Set		0
	<b>PART '9' TOTAL CARRIED TO SUMMARY</b>				<b>0</b>
<b>10</b>	<b>MISCELLANEOUS</b>				
1	Preparation of CEIG drawings, Liaisoning with CEIG for getting drawing approval, arranging inspection, getting safety certificate for alteration and addition works. All professional charges to be inclusive. Necessary fees to be paid by the client.	0	Ls		0
2	UPS				
1	Supply and Installation of 15 KVA UPS with isolation transformer ,Battery Backup's with 1 Phase in 1 PHASE Out. 15MIN back up to be considered . All the necessary stands cabinet , internal to be as per the manufacturer recommendation .EATON, BATTERY - QUANTA /EXIDE /AMARAJA	0	Nos		0
					0



2	Supply and Laying OF 1C X10 SQMM CU Flexi Cable	50	Mtrs		0
3	Supply and End - Termination of 1C X10 SQMM CU Flexi Cable	20	Nos		0
4	Supply and Installation of 63A 4Pole MCB with Enclosure Box	2	Nos		0
5	Supply & Installtion of SPNDB with Incomer of 40A DP MCB-1 NOS ,OUTGOING OF 32A DP MCB- 4 NOS	0	Nos		0
<b>PART '10' TOTAL CARRIED TO SUMMARY</b>					<b>0</b>
<b>GRAND TOTAL</b>					<b>-</b>

Fire Extinguishers & Security camers					
s	Description	Unit	Qty	Reat	Amount
<b>A. Fire alarm system</b>					
1	Installation of existing 4 Zone conventional fire alarm panel. Each zone capable of handling a minimum of 20 detectors. The panel shall be provided with builtin sealed maintenance free battery backup. (Make: Ravel)	No	1		0
2	Supply, installation, testing & commissioning of following new fire alarm devices:				0
2.1	Conventional Smoke detectors.	Nos	10		0
2.2	Conventional Heat detectors	Nos	0		0
2.3	Response Indicator	Nos	6		0
2.4	Manual Pull station	Nos	1		0
2.5	Conventinal Hooter	Nos	1		0
3	Supply and laying of 2R x 1.5 Sq.mm. HRFRLS wires (cost includes 25mm dia PVC conduit)	RFT	60		0
4	Restricted entry , Fire exit , authorised entry signage . ( 125mmx 350mm)	Nos	0		0
<b>TOTAL CARRIED TO SUMMARY</b>					<b>0</b>
<b>B. FIRE EXTINGUISHER &amp; SIGNAGE</b>					
1	Supply and installation of ABC powder stored pressure type fire extinguisher-ISI marked, 4.5 kgs capacity fixed with internal discharge type, pressure gauge, squeeze grip, valve with nozzle and suspension bracket or supporting MS floor	Nos	1		0
2	Supply and installation of CO2, 4.5 kgs capacity Fire Extinguisher made out of Manganese steel cylinder, fixed with wheel valve- ISI marked, syphon tube, 1mt. Long high pressure discharge hose with horn wall brackets or floor MS	Nos	1		0
3	Fire exit direction signage .	Nos	1		0
<b>TOTAL CARRIED TO SUMMARY</b>					<b>0</b>
<b>C. ACCESS CONTROL SYSTEM</b>					

1	Model: - F-18:-Fingerprint & Rfid Based Time and attendance System with TFT Display, TCP/IP and USB Connectivity	Set	0		0
2	ETimetrack lite attendance management system	Set	0		0
<b>TOTAL CARRIED TO SUMMARY</b>					<b>0</b>
<b>D. CCTV SYSTEM</b>					
<b>CCTV which support Hikvision software only to consider</b>					
1	1/3" CCD Colour Dome Camera with 480 TV Lines, with ceiling mounted dome with all necessar mounting accessories and shall be 12VDC (Honeywell, Samsung, Wipro)				
	Supply	Nos	10		0
	Installation	Nos	10		0
2	Power supply unit with battery back up and shall be with transformer and shall be with 12V7aH battery.				
	Supply	Nos	1		0
	Installation	Nos	1		0
4	Digital Video Recorder of 4 channel with 1TB capacity and same shall be having TCP/IP Connectivity and will also enable the connectivity to connect to the Analog Monitor, also shall be able to connect to RAID Drives for storage				
	Supply	Nos	1		0
	Installation	Nos	1		0
2	<b>CABLES</b>				
a	RG6 Coaxial Cable with shielded and braided including 20mm PVC conduit				
	Supply	Mtrs	50		0
	Installation	Mtrs	50		0
c	2Cx1.0 Sqmm copper flexible cable (Cost include -25mm pvc conduit)				
	Supply	Mtrs	50		0
	Installation	Mtrs	50		0
<b>TOTAL CARRIED TO SUMMARY</b>					<b>0</b>
<b>Grand Total</b>					<b>0</b>

Air - Conditioners					
S.No.	DESCRIPTION	UNIT	Qty	RATE	Amount
1	<b>AIR COOLED SPLIT UNITS</b>				
	Supply, installation, testing & commissioning of Air cooled split air conditioner consisting of single / multi Reciprocating compressors, 3/4 Row deep Dx coil, drain pan, washable filter, blower with blower section, motor and drive arrangement, air cooled condenser, initial charge of refrigerant and oil, integral refrigerant piping, expansion valve, drier, sight glass, electrical panel with controls duly wired, high-low pressure cutout, thermostatic control, built-in 24Hrs. timer, supports for condenser unit etc. All the items shall be enclosed in an attractive sheet metal cabinet & with steel base frames, complete as per specifications and drawings. The unit which requires to be suspended from ceiling or mounted on wall shall includes all necessary supports/Brackets as per standards. the rate shall also the cost of necessary frame or pedestal support for condensing units. <b>All Units shall be of 5-Star rated. Make - Blue star</b>				
	The unit shall be suitable for 415/230±10% volts, 3 /1 Phase, 50Hz, 4 wire electrical power supply. The external static pressure of indoor units shall not be less than 20mm of wg.				
a	1.0 TR capacity Split Unit Consultation room , Photography room , Server room	Nos	0		0
b	1.5 TR capacity Split Unit procedure room	Nos	0		0
d	3.0 TR capacity Cassette Unit Lounge / Reception	Nos	0		0
e	2.0 TR capacity Cassette Unit For procedure passage	Nos	4		0
2	18/20 G Copper piping complete with required thickness, nitrile rubber tube section (insulation) split units between Indoor unit & Out door unit ( including chasing on walls if necessary).all complete as required. Measurement of 1 meter = 1 meter of suction + 1 meter of discharge line. Standard pipe sizes for the equipment to be considered .	RFT	20.00		0
					0
3	HDPE Drain pipe with HDPE threded fittings, concealed in wall or floor including wall or floor chasing & necessary factory fabricated supports insulation for exposed pipe.				0
i	25mm dia	RFT	48		0
ii	32mm dia	RFT	0.0		0
5	MS Stand for outdoor units	Nos	6.00		0
6	Interconnecting cable from outdoor to indoor unit to the Main panel	RFT	50.00		0
7	LIFTING SHIFTING ERECTION AND COMMISSIONING OF THE ABOVE SPLITS UNITS				0
7.1	Split AC	Nos	6.00		0
7.2	Casette	Nos	0.00		0
	<b>Total carried to summary</b>				0

					0
<b>B</b>	<b>MISCELLANEOUS WORKS</b>				0
1.00	Supply, installation, testing & commissioning of following inlines fans with flexible connection piece. (Kruger/Nictora make): (Price shall be inclusive of all necessary fixing hardwares, transportation of fans to respective floor for installation), scope too includes all necessary starter panel & power cabling from nearest isolator.				0
a	300CFM (For 2 procedure room nearpantry R8 drawing )Considered this room will be used also as laser room in future .	Nos	0		0
2.00	200CFM	Nos	0		0
3.00	Supply Installation of 24G GI Ducting with Grill inside the procedure room of size 200 X 200mm inside the room and cowl with bird mesh at external wall with fixing accessories sealant & required accessories to complete the job.	Sqmt	0		0
	<b>Total carried to summary</b>				<b>0</b>
	<b>GRAND TOTAL</b>				<b>0</b>
<b>Note: Drain Pipe routing has to executed by vendor in advance to get the slope.</b>					

Plumbing work					
S.No.	Description	Unit	Qty.	Rate	Amount
A)	<b>SANITARY FIXTURES &amp; FITTINGS:</b>				
	<b>NOTE:-</b>				
	Models/makes of all sanitary fixture shall be selected by the Owner/Architect from the list of approved make.				
1.0	Supply, Fixing, installation, testing and commissioning of white/ vitreous china floor mounting European/Anglo indian type water closet with 'P or S trap with vitreous China low volume flushing cistern and internal fittings, white solid plastic/wooden/backlite seat and cover with lid C.P brass hinges and rubber buffers, with accessories , CI/MS brackets painted with two or three coats of enamel paint of approved shade over a coat of primer . C.P brass screws and wooden cleats, including cutting & making good the wall and floors wherever required.	Each	2		0
	Modified to Hindware model no: Mario - 20082				
2.0	Supply, Fixing Installation testing and commissioning white glazed vitreous China oval shape wash basin/ circular wash basin (under the counter/over the counter) with 32 mm dia C.P brass waste of standard pattern, 32 mm dia C.P cast brass bottle trap and union, 32 mm dia C.P brass pipe to wall and CP wall flange, and rubber adoptors for waste connection, single hole single lever mixing fittings( <u>Basin Mixer</u> ), R.S. or C.I. painted brackets bolts, nuts etc. cutting & making good the wall and floor wherever required.				
a)	<del>Under counter Oval wash basin (Hindware Model no. 10049) with single lever Pillar cock Jaquar Model no. 5005B.</del>	Each	0		0
	<del>Revised to Hindware model no : 100510, Vitreous china wash basin in toilet</del>				0
b)	Over counter wash basin (Hindware Model no. 91026) with single lever facucet Jaquar Model no. 5001B.	Each	2		0
3.0	Supply, Fixing, installation, testing and commissioning of Stainless steel kitchen sink with R.S. or CI bracket (painted white), 40 mm dia C.P. brass waste of standard pattern, C.P. brass chain and rubber, 40 mm dia caste brass bottle trap with necessary union, C.P. pipe to wall & CP wall flange complete with cutting and				
a)	Single bowl size 550 mm x 404 mm x 200 mm with sink mixer (Jaquar model no. 5357).	Each	1		0

b)	Double bowl with double drain board. Overall size 1765 mm x 465 mm / bowl size 428mm x 378mm x 225mm.	Each			0
4.0	Supply, Fixing bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Nos	2		0
	size -				
5.0	Supply, Fixing recessed type stainless steel toilet paper holder of approved makes. Including cutting hole in the masonry/R.C.C wall and making good with cement				0
	Size 150 mm x 150 mm, Jaquar Model no. 35751	Each	2		0
6.0	Supply, fixing of CP brass long body bib cock. including necessary flange	Nos	2		0
	FLR - 5015 Pillar cock.				
	2 in 1 tap to bibcock.	Each	2		0
7.0	Supply, Fixing of 15mm dia angle valve with flanges including 450 mm long copper connecting pipe with nuts complete. (Jaquar Model no. 5053)	Each	2		0
8.0	Supply, Fixing of CP brass towel ring of size 150mm dia with screw and rawal plug etc.	Each	2		0
9.0	Supply, Fixing, installation, testing and commissioning of C.P. brass Ablution health faucet assembly with 1.2 m long braided PVC hose with mounting bracket fixed on wall complete.[Jaquar Model no. 573]	Each	2		0
10.0	Supply, installation, testing & Commissioning of CP brass ROP Hook complete with all accessories. (Jaquar Model no. 35791)	Each	0		0
11.0	Supply, installation, testing & Commissioning of CP brass toilet paper holder complete with all accessories.	Each	0		0
	Jaguar of model no: DT0106CS. Wall Mounted Paper towel dispensers towels with C/Z folds.capacity: 400-600 C/Z towels,material: AISI 304 stainless steel,finish: satin				0
12.0	Supply, Fixing, installation, testing and commissioning of bottle trap of Jaguar Make with fixing accessories complete.	Each	2		0
13.0	Supply, Fixing, installation, testing and commissioning of Nanhni Trap of Jaguar Make with fixing accessories complete.	Each	2		0

	<b>TOTAL CARRIED OVER TO SUMMARY</b>				<b>0</b>
	<b>B) WATER SUPPLY &amp; DRAINAGE WORK</b>				
1	Providing and fixing UPVC SWR-6Kg/CM <sup>2</sup> ISI marked pipes with clamps, tees, bends etc. as required including cutting chases or holes in walls and floors and making good where ever required				
a)	110 mm O.D type "B" for Soil & Waste	Mtr	5		0
	<b>TOTAL CARRIED OVER TO SUMMARY</b>				<b>0</b>
	<b>C) WATER SUPPLY (INTERNAL):</b>				
	<b>1.0 CPVC Pipe (Exposed/Embedded in wall ):</b>				
	Providing, fixing testing, and commissioning of CPVC (Chlorinated Polyvinyle Chloride) pipe as per CTS SDR-11 & fittings such as tees, elbows, reducers, male/female connector, clamps etc. as per ASTM-D-2846, jointing with CPVC solvent cement as per manufacturer recommendations conforming to ASTM-F493. Structural support as required/directed at Site including all civil work, cutting and making good the walls, floors, R.C.C. work etc. (Exposed Pipe/wall				
iii)	28.6 mm (OD)	RM	0		0
4.0	Providing and fixing forged brass body quarter turn lever operated ball valve with forged brass hard chrome plated ball, disc & gland packing shall be PTEF tested to 25 Kg/cm pressure.				
a)	32 mm dia	Each	2		0
30	Hand dryier - Jaguar, model no : HDR-WHT- M04A	Nos	2		0
31	Supply and fixing of imported liquid Soap dispencer/push	Nos	2		0
32	Supply and fiixng of hangers in grooming room	Nos	2		0
	<b>TOTAL CARRIED OVER TO SUMMARY</b>				<b>0</b>
	<b>GRAND TOTAL</b>				<b>0</b>